

Monthly Index *of* Russian Accessions



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THE LIBRARY OF CONGRESS
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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

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*Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.	CaOTR	Royal Canadian Institute, Toronto, Canada.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.	CaOTRM	(Collection included with CaOTU)
AU	University of Alabama, University	CaOTU	Royal Ontario Museum, Zoology and Paleontology Library, Toronto, Canada
AzTeS	Arizona State College, Tempe	CaOWA	University of Toronto, Toronto, Canada
AzU	University of Arizona, Tucson		Assumption University Library, Windsor, Canada
C	California State Library, Sacramento	CaQMAI	Arctic Institute of North America, Montreal, Canada
CBPac	Pacific School of Religion, Berkeley	CaQMBM	Bibliothèque de la Ville de Montréal, Collection Gagnon, Montreal, Canada
CCC	Honold Library, Claremont, Calif.	CaQMM	McGill University, Montreal, Canada
CPS	Fresno State College, Fresno, Calif.	CaQMU	La Bibliothèque de l'Université de Montréal, Montreal, Canada
CL	Los Angeles Public Library	CaSSU	University of Saskatchewan, Saskatoon, Canada
CLCM	Los Angeles County Museum Library, Los Angeles	CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CLL	Los Angeles County Law Library, Los Angeles	CoD	Denver Public Library
CLM	Los Angeles County Medical Association, Los Angeles	CoDM	Medical Society of the City and County of Denver
CLSU	University of Southern California, Los Angeles	CoFS	Colorado State University, Fort Collins
CLSU-II	— Hancock Library of Biology	CoU	University of Colorado, Boulder
CLU	University of California at Los Angeles	CtHT	Trinity College, Hartford, Conn.
CMthL	University of California, Lick Observatory, Mount Hamilton	CtU	University of Connecticut, Storrs
CPT	California Institute of Technology, Pasadena	CtW	Wesleyan University, Middletown, Conn.
CSf	San Francisco Public Library	CtY	Yale University, New Haven
CSfA	California Academy of Sciences, San Francisco	CtY-L	— Law Library
CSfU	University of San Francisco, San Francisco	CtY-M	— Medical School Library
CSmII	Henry E. Huntington Library, San Marino, Calif.	DAIA	American Institute of Architects Library, Washington, D. C.
CSt	Stanford University Libraries, Stanford, Calif.	DAL	U. S. Army Library, Pentagon Building
CSt-H	— The Hoover Institution on War, Revolution, and Peace	DBC	U. S. Bureau of the Census Library
CSt-L	— Lane Medical Library	DBS	U. S. National Bureau of Standards Library
CStbS	University of California, Santa Barbara Library, Goleta	DC	U. S. Department of Commerce Library
CStmOr	Rand Corporation, Santa Monica, Calif.	DCU	Catholic University of America Library, Washington, D. C.
CU	University of California, Berkeley	DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
CU-A	— University of California, Davis	DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
CU-B	— Bancroft Library, Berkeley	DFR	Board of Governors of the Federal Reserve System
CU-E	— East Asiatic Library, Berkeley	DHEW	U. S. Department of Health, Education, and Welfare Library
CU-L	— Law Library, Berkeley	DHIF	U. S. Housing and Home Finance Agency Library
CU-M	— Medical Center, San Francisco	DI	U. S. Department of the Interior Library
CU-Riv	— College of Arts, Letters and Science, Riverside	DI-GS	— Geological Survey Library
CU-S	— Scripps Institution of Oceanography, La Jolla	DM	U. S. Bureau of Mines Library. (Library integrated)
CaAEU	University of Alberta, Edmonton, Canada	DN	U. S. I
CaBVA	Vancouver Public Library, Vancouver, Canada	DN-HO	— Na
CaBVAU	University of British Columbia, Vancouver, Canada	DN-Ob	— Na
CaBViPA	Provincial Archives, Victoria, Canada	DN-RL	Na
CaMWM	Medical Library of the University of Manitoba, Winnipeg, Canada	DNAL	Na
CaNBPU	University of New Brunswick, Fredericton, Canada	DNH	Na
CaOKQ	Queen's University, Kingston, Canada	DNLM	
CaOL	London Public Library, London, Canada	DNW	
CaOLU	University of Western Ontario, London, Canada	DP	
CaOOA	Public Archives Library, Ottawa, Canada	DS	
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada	DSC	
CaOCC	Carleton College, Ottawa, Canada	DSI	
CaOOF	Department of Finance Library, Ottawa, Canada	DSI-A	
CaOOG	Geological Survey of Canada, Ottawa, Canada	DSI-E	
CaOOGH	Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada	DSI-M	
CaOOH	Laboratory of Hygiene, Ottawa, Canada	DWB	
CaOOM	Bureau of Mines Library, Ottawa, Canada	DeU	
CaOON	National Research Council, Ottawa, Canada	FMU	
CaOONDR	Library, Directorate of Scientific Information Service, Defence Research Board, Ottawa, Canada	FTaSU	
CaOONM	National Museum, Ottawa, Canada	FU	
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada	GAT	
CaOOU	University of Ottawa, Ottawa, Canada	GEU	
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada		

GU	University of Georgia, Athens	MH-P	— Peabody Museum Library
HU	University of Hawaii, Honolulu	MH-PR	— Physics Research Library
I	Illinois State Library, Springfield	MH-SD	— Graduate School of Design Library
IArg	Argonne National Laboratory, Argonne, Ill.	MH-Z	— Museum of Comparative Zoology Library
IC	Chicago Public Library	MMeT	Tufts University, Medford, Mass.
ICA	Art Institute of Chicago, Chicago	MNS	Smith College, Northampton, Mass.
ICAC	American College of Surgeons Library, Chicago	MshM	Mount Holyoke College, South Hadley, Mass.
ICF	Chicago Natural History Museum, Chicago	MWalB	Brandeis University, Waltham, Mass.
ICJ	John Crerar Library, Chicago	MWelC	Wellesley College, Wellesley, Mass.
ICN	Newberry Library, Chicago	MWhB	Marine Biological Laboratory, Woods Hole, Mass.
ICRL	Center for Research Library, Chicago. Midwest Interlibrary Center	MDAN	U. S. Naval Academy, Annapolis
ICU	University of Chicago, Chicago	MDBJ	Johns Hopkins University, Baltimore
ICU-Y	Yeakes Observatory, Williams Bay, Wis.	MDBJ-W	— William H. Welch Medical Library
ICarbS	Southern Illinois University, Carbondale	MDBWA	Walters Art Gallery, Baltimore
IEN	Northwestern University, Evanston, Ill.	MDU	University of Maryland, College Park
IEN-C	— Joseph Schaffner Library of Commerce, Chicago	MeB	Bowdoin College, Brunswick, Maine
IEN-M	— Medical School Library, Chicago	MeWC	Colby College, Waterville, Maine
IHI	Illinois State Historical Library, Springfield	MID	Detroit Public Library
IU	University of Illinois, Urbana	MIDA	Detroit Institute of Arts
IU-M	— Medical Sciences Library, Chicago	MIDW	Wayne State University, Detroit
IaAS	Iowa State University of Science and Technology, Ames	MIEEM	Michigan State University, East Lansing
IaU	State University of Iowa, Iowa City	MIMidD	Dow Chemical Company, Midland, Mich.
IaU-L	— College of Law Library	MiU	University of Michigan, Ann Arbor
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho	MiU-C	— William L. Clements Library
IdU	University of Idaho, Moscow	MiU-L	— Law Library
In	Indiana State Library, Indianapolis	MiWar	General Motors Corporation, Research Laboratories Division, Warren, Mich.
InIA	Indiana Academy of Science Library, Indianapolis	GMR	James Jerome Hill Reference Library, St. Paul
InLP	Purdue University, Lafayette, Ind.	MnSJ	University of Minnesota, Minneapolis
InND	University of Notre Dame, Notre Dame, Ind.	MnU	— Department of Agriculture Library, St. Paul
InU	Indiana University, Bloomington	MnU-A	— Bio-Medical Library
KAS	St. Benedict's College, Atchison, Kan.	MnU-B	— Law Library
KMK	Kansas State University, Manhattan	MnU-L	Central College, Fayette, Mo.
KU	University of Kansas, Lawrence	MoFC	Linda Hall Library, Kansas City
KU-L	— School of Law Library	MoKL	University of Missouri School of Mines and Metallurgy, Rolla
KU-M	— Medical Center Library, Kansas City	MoRM	St. Louis Public Library
KyU	University of Kentucky, Lexington	MoS	Missouri Botanical Garden, St. Louis
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.	MoSB	St. Louis University, St. Louis
LU	Louisiana State University, Baton Rouge	MoSU	Washington University, St. Louis
MA	Amherst College, Amherst, Mass.	MoSW	— Medical School Library
MB	Boston Public Library	MoSW-M	University of Missouri, Columbia
MBA	American Academy of the Arts and Sciences, Boston	MoU	Mississippi State University, State College
MBat	Boston Athenaeum, Boston	MsSM	University of Mississippi, Oxford
MBM	Boston Medical Library, Boston	MsU	Montana State College, Bozeman
MBN	Boston Society of Natural History, Boston	MtBC	Montana State University, Missoula
MBU	Boston University	MtU	New York State Library, Albany
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.	N	Wells College, Aurora, New York
MCM	Massachusetts Institute of Technology, Cambridge, Mass.	NAnrW	Brooklyn Public Library
MH	Harvard University, Cambridge, Mass.	NB	Brooklyn Museum Libraries, Brooklyn
MH-A	— Arnold Arboretum, Jamaica Plain	NBB	Brooklyn College, Brooklyn
MH-AH	— Andover-Harvard Theological Seminary Library	NBC	Brooklyn Botanic Garden, Brooklyn
MH-BH	— Blue Hill Meteorological Observatory, Milton, Mass.	NBG	Academy of Medicine of Brooklyn Library, Brooklyn
MH-BL	— Biological Laboratories Library	NBM	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
MH-C	— Chemistry Library	NBSU-M	Buffalo Society of Natural Sciences, Buffalo
MH-F	— Farlow Reference Library	NBuB	University of Buffalo, Buffalo
MH-FA	— Fogg Art Museum Library	NBU	Hamilton College, Clinton, N. Y.
MH-G	— Gary Herbarium Library	NCH	Corning Glass Works Library, Corning, N. Y.
MH-GM	— Gordon McKay Library	NCornC	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)	NCsC	Cornell University, Ithaca, N. Y.
MH-L	— Law School Library	NIC	— State Colleges of Agriculture and Home Economics
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston	NIC-A	New York Public Library
MH-Mi	— Mineralogical Library	NN	American Geographical Society, New York
MH-O	— Astronomical Observatory, the Phillips Library	NNA	New York Botanical Garden, Bronx Park, New York
		NNBG	Columbia University, New York
		NNC	— Law Library
		NNC-L	— Medical Library
		NNC-M	— Teachers College Library
		NNC-T	Chemists' Club, New York
		NNCC	College of the City of New York, New York
		NNCoCi	

NNCorM	Cornell University Medical College Library, New York	OUCA	Chemical Abstracts, Ohio State University, Columbus
NNE	Engineering Societies Library, New York	OKS	Oklahoma State University, Stillwater
NNF	Fordham University, New York	OKU	University of Oklahoma, Norman
NNIS	Library for Intercultural Studies, New York	OrCS	Oregon State University, Corvallis
NNJ	Jewish Theological Seminary of America, New York	OrPR	Reed College, Portland, Ore.
NNM	American Museum of Natural History, New York	OrU	University of Oregon, Eugene
NNMM	Metropolitan Museum of Art Library, New York	P	Pennsylvania State Library, Harrisburg
NNNAM	New York Academy of Medicine, New York	PBL	Lehigh University, Bethlehem, Pa.
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York	PBM	Bryn Mawr College, Bryn Mawr, Pa.
NNR	Russell Sage Foundation, College of the City of New York	PHC	Haverford College, Haverford, Pa.
NNRI	Rockefeller Institute for Medical Research, New York	PIF	Franklin and Marshall College, Lancaster, Pa.
NNU	New York University Libraries, New York	PP	Free Library of Philadelphia
NNU-H	— University Heights Library	PPAN	Academy of Natural Sciences, Philadelphia
NNU-M	— Bellevue Medical Center Libraries (Includes Neuropsychiatric Library)	PPAmP	American Philosophical Society, Philadelphia
NNU-W	— Washington Square Library	PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
NNUN	United Nations Library, New York	PPC	College of Physicians of Philadelphia
NPV	Vassar College, Poughkeepsie, N. Y.	PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
NRE	Eastman Kodak Company, Rochester, N. Y.	PPF	Franklin Institute, Philadelphia
NRU	University of Rochester, Rochester, N. Y.	PPLas	La Salle College, Philadelphia
NSyU	Syracuse University, Syracuse, N. Y.	PPPM	Philadelphia Museum of Art
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.	PPT	Temple University, Philadelphia
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.	PPUC	Union Library Catalogue of the Philadelphia Metropolitan Area, Philadelphia
NYH	International Business Machines Corporation, Thomas J. Watson Research Center, Yorktown Heights, New York	PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
NbU	University of Nebraska, Lincoln	PPi	Carnegie Library of Pittsburgh, Pittsburgh
NcD	Duke University, Durham, N. C.	PPiCI	Carnegie Institute of Technology, Pittsburgh
NcGW	Woman's College of the University of North Carolina, Greensboro	PPiU	University of Pittsburgh, Pittsburgh
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh	PRosC	Rosemont College, Rosemont, Pa.
NcU	University of North Carolina, Chapel Hill	PSC	Swarthmore College, Swarthmore, Pa.
NcU-II	— Division of Health Affairs. (North Carolina Memorial Hospital)	PSt	Pennsylvania State University, University Park
NdU	University of North Dakota, Grand Forks	PU	University of Pennsylvania, Philadelphia
Nh	New Hampshire State Library, Concord	PU-BZ	— Botany-Zoology Library
NhD	Dartmouth College, Hanover, N. H.	PU-EI	— Moore School of Electrical Engineering Library
NhU	University of New Hampshire, Durham	PU-FA	— School of Fine Arts Library
NJI	Irvington Free Public Library, Irvington, N. J.	PU-Math	— Mathematics-Physics Library
NJMnA	Air Reduction Company, inc., Central Research Department Library, Murray Hill	PU-Mu	— University Museum Library
NJMnB	Bell Telephone Laboratories, Murray Hill, N. J.	PU-Penn	— Penniman Library of Education
NjN	Newark Public Library, Newark, N. J.	PU-Se	— Towne Scientific School Library
NjP	Princeton University, Princeton, N. J.	RPB	Brown University, Providence, R. I.
NjPT	Princeton Theological Seminary, Princeton, N. J.	RU	University of Rhode Island, Kingston
NjR	Rutgers University, New Brunswick, N. J.	ScU	University of South Carolina, Columbia
NmUpU	New Mexico State University of Agriculture, Engineering and Science, University Park	TCU	University of Chattanooga, Chattanooga, Tenn.
NvU	University of Nevada, Reno	TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
O	Ohio State Library, Columbus	TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
OCH	Hebrew Union College, Cincinnati	TU	University of Tennessee, Knoxville
OCLloyd	Lloyd Library and Museum, Cincinnati	TxCM	Agricultural and Mechanical College of Texas, College Station
OCU	University of Cincinnati, Cincinnati	TxDaM	Southern Methodist University, Dallas
OCi	Cleveland Public Library	TxiR	Rice Institute, Houston
OCIBHS	Benedictine High School, Cleveland	TxLT	Texas Technological College, Lubbock
OCICS	Case Institute of Technology, Cleveland	TxU	University of Texas, Austin
OCiJC	John Carroll University, Cleveland	ULA	Utah State University of Agriculture and Applied Science, Logan
OCiM	Cleveland Medical Library	UPB	Brigham Young University, Provo, Utah
OCiMA	Cleveland Museum of Art	ViBibV	Virginia Polytechnic Institute, Blacksburg
OCiW	Western Reserve University, Cleveland	ViU	University of Virginia, Charlottesville
OCoB	Battelle Memorial Institute, Columbus	ViU-L	— Law Library
ODW	Ohio Wesleyan University, Delaware, Ohio	ViW	College of William and Mary, Williamsburg
OH	Ohio State Historical Society, Columbus	VtMiM	Middlebury College, Middlebury, Vt.
OH	Oberlin College, Oberlin, Ohio	VtU	University of Vermont and State Agricultural College, Burlington
OO	Miami University, Oxford, Ohio	WAP	Institute of Paper Chemistry, Appleton
OOxM	Carnegie Library, Steubenville, Ohio	WH	State Historical Society of Wisconsin, Madison
Oste	Ohio State University, Columbus	WU	University of Wisconsin, Madison
OU		WaU	University of Washington, Seattle
		WvU	West Virginia University, Morgantown
		WyU	Wyoming University, Laramie

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

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2. BIBLIOGRAPHY

- AKADEMIA NAUK UZBEKSKOI SSSR, Tashkent, Institut vostokovedeniia. [Collection of Oriental manuscripts in the Academy of Sciences of the Uzbek S.S.R.] Sbornik vostochnykh rukopisei Akademii nauk Uzbekskoi SSR. Pod red. i pri uchastii A. Urunkhova i L. M. Epifanovoi. Tashkent, Nauka UzSSR. Vol. 7. 1964. 553 p.
- ANANTINA, E. V., and D. M. MORDOVIN. [Methods of calculating the power balance of printing machinery] Metody rascheta energobalansa poligraficheskikh mashin; uchebnoe posobie. Moskva, Mosk. poligr. in-t, 1965. 38 p.
- ERIVAN, UNIVERSITET. Nauchnaya biblioteka. [Bibliography of publications of Erivan State University, 1922-1963] Bibliografiia izdani Erevanskogo gosudarstvennogo universiteta (1922-1963). Erevan, Milk, 1964. 293 p. [In Armenian and Russian]
- IZDITSKII, E. I. [Automatic control of the technical processes in printing] Avtomaticheskoe upravlenie i regulirovanie tekhnologicheskikh protsessov v poligrafii; uchebnoe posobie. Moskva, Mosk. poligr. in-t, 1965. 162 p.
- MOSCOW, PUBLICHNAIA BIBLIOTEKA. [An aid to children's and school libraries for the year 1966, a collection of methods and bibliographic materials] V pomoshch' detским i shkol'nym bibliotekam, 1966 god; sbornik metodicheskikh i bibliograficheskikh materialov. Moskva, Kniga, 1965. 81 p.
- MOSCOW, PUBLICHNAIA BIBLIOTEKA. [The role of libraries in the communist education of Soviet people] Rol' bibliotek v kommunisticheskom vospitanii sovetskikh liudei; sbornik materialov. Moskva, Kniga, 1965. 211 p.
- [PATENT LITERATURE ON PROBLEMS OF THE PRINTING INDUSTRY, 1961, a bibliographical index] Patentnaya literatura na voprosam poligraficheskogo proizvodstva 1961 god, bibliograficheskii ukazatel' [By] E. L. Nemirovskii. Moskva, Kniga, 1965. 264 p. [Serial bibliograficheskii ukazatel']
- SARATOV, UNIVERSITET. Nauchnaya biblioteka. [Guidebook to the Academic Library of Saratov University] Putevoditel'. [Saratov] Izd-vo Saratovskogo univ., 1959. 53 p., fold. chart., facsim. (NN)
- TIKHOMIROV, M. N., and A. V. MURAV'EV. [Russian paleography] Russkaya paleografiia. Moskva, Vysshaya shkola, 1966. 287 p. illus.
- TOMSK, UNIVERSITET. Nauchnaya biblioteka. [Works of scholars published by Tomsk University for the past 70 years, 1889-1958, classed index to the periodical issues and collections of the Tomsk State University] Trudy uchenykh v izdaniakh Tomskogo universiteta za 70 let, 1889-1958; sistematicheskii ukazatel' k periodicheskim izdaniyam i sbornikam TGU, Tomsk, 1962. 291 p. (MH)
- ### 3. PHILOSOPHY & RELIGION
- AKADEMIA NAUK URSS, Kiev, Institut filosofii. [Outline of the history of philosophy in the Ukraine] Narys istorii filosofii na Ukraini. Kyiv, Naukova dumka, 1966. 655 p.
- AKADEMIA NAVUK BSSR, Minsk, Institut filosofii i prava. [Causes of the existence of and ways for overcoming religious survivals] Prichiny sushestvovaniia i puti preodoleniia religioznykh perezhitkov. Minsk, Nauka i tekhnika, 1965. 253 p.
- ASHUROV, G. A. [Nasir-i Khusravi's philosophical views, based on an analysis of his treatise "Zad-al-musafirin"] Filosofskie vyglyady Nasiri Khusravi, na osnove analiza traktata "Zad-al-musafirin." Pod red. M. Rudakovoi. Dushanbe, Akad. nauk Tadzhikskoi SSR, 1965. 112 p.
- BESTUZHEV, A. A. [Clairvoyant of the future. "Revelation of St. John the Divine" and the way to its understanding] Tainovidets budushchago "Otkrovenie Sv. Ioanna Bogoslova" i put' k ego ponimaniu. Izd. 2., ispr. i dop. Joidanville, N. Y., Holy Trinity Monastery, 1962. 62 p. (CU)
- BUDOVNITS, I. U. [Monasteries in Rus and the struggle of the peasants with them from the 14th to the 16th century, according to the "Lives of the Saints"] Monastyr'i na Rusi i bor'ba s nimi krest'ian v XIV-XVI vekakh, po "zhitiiam svyatykh." Moskva, Nauka, 1966. 390 p.
- EGIDES, P. M. [Marxist concept of the meaning of life] Marksistskaia konceptsiia smysla zhizni. Moskva, Znaniie, 1966. 46 p. (Novoe v zhizni, nauka, tekhnika. II Seria; Filosofii, no. 6)
- EPIFANII, monk, 15th cent. [Life of Saint Sergii Radonezhskii] Zhitie Sviatogo Sergiia Radonezhskogo [Louvain, Belgium] Viechnoe, 1904. 39 p. (CU)
- FEOFANOV, I. V. [Personal property and personal dignity] Lichnoe dostoianstvo i lichnoe dostoinstvo. Moskva, Politizdat, 1966. 107 p.
- FRANTSEV, I. P. [Talks about religion and knowledge, a popular handbook] Besedy pro religiiu i znaniia; popularnyi podruchnik. Kyiv, Vyd-vo polit. lit-ry Ukraina, 1965. 340 p. (NN)
- GERATHEWOHL, SIEGFRIED JOHANNES. [Psychology of man in an airplane. Translated from the German] Psikhologiya cheloveka v samolete. Pod red. A. P. Popova. Moskva, Izd-vo inostr. lit-ry, 1956. 356 p. (NBC)
- IVANCHENKO, R. H. [Ghosts of the Lavra Caves] Pryvydy Lavrykykhepoch. Kyiv, "Veselka," 1964. 134 p. (NN)
- KOMMUNIST BELORUSSII. [Behavior standards for all] Noi na povedeniia kazhdogo; sbornik statei. Minsk, "Belarus'" 1966. 157 p. (CST-II)
- KOZLOVSKI, V. E. [Development of the Marxist theory of contradictions by V. I. Lenin] Razvitiie V. I. Leninym marksistskogo ucheniia o protivorechiakh. Moskva, Mysl', 1966. 317 p.
- [THE LIGHT ALMANAC OF 1966] Kalendar svitla na Bozhyi 1966 rik. Dvadtsiat' s'omyi richnyk. Toronto, Vyd-vo oo. Vasylian, 1966. 224 p.
- MARX, KARL. [The poverty of philosophy; answer to the "Philosophy of the poor" by Mr. Prudon] Zlydenist filosofii; vidpovid' na "Filosofiu zlydeniv" pana Prudona. Kyiv, Derzh. vyd-vo polit. lit-ry, 1958. 179 p. (CU)
- MICHAEL, Abp. of Toronto and Eastern Canada. [Biblical stories about the origin of the world, the earth and man in comparison to the sciences of astronomy, geology, biology, etc.] Bibliina opovidanla pro pokhozhdenia svitu, Zemli i liudyny v porivnanii do nauk astronomii, geologii, biologii la insh. Toronto, Bratstvo Sv. Voleodymyra [1963] 61 p. (CaOTU)
- [MORAL MAKEUP OF THE SOVIET WORKER] Moralnyi oblik sovetskogo rabochego. [Moskva] Mosk. rabochii, 1966. 311 p.
- [MORAL PRINCIPLES OF A BUILDER OF COMMUNISM] Niyavstvennye printsypy stoitelia kommunizma. Moskva, Mysl', 1965. 342 p. (CST-II)
- POLTAVCHENKO, M. I. [Komsomols as militant atheists] Komsomol'shchiki--atsei militanty; eksportentsia shi statusa "metodiche. Klebneu, Kartia moldoveniatske, 1966. 106 p. [In Moldavian]
- POPOVICH, M. V. [Philosophical analysis of the language of science] O filosofskom analizeazyka nauki. Kiev, Naukova dumka, 1966. 221 p.
- SARBEI, V. [Religion in the land of the dolina] Religiiia v kraini dolina. Kyiv, Derzh. vyd-vo polit. lit-ry URSS, 1962. 91 p. (NN)
- SHTERN, V. S. [The venomous beauty of the church and the genuine beauty of life] O iadovitoi krasote tsarkvi i podlinnoi krasote zhizni. Alma-Ata, Izd-vo "Kazakhstan," 1964. 107 p. (NJP) (WU)
- SOLOVEICHIK, S. L. [Book about you] Kniga pro tebia. [Izd. 2., dop.] Moskva, Detskaya literatura, 1965. 121 p. (Shkol'naya biblioteka) [Publ. under his pseud. Sima Solov'ev]
- SOVESHCHANIIE PO SOVREMENNYM PROBLEMAM MATERIALISTICHESKOI DIALEKTIKI, Moscow, 1965. [Dialectics of contemporary social development, materials] Dialektika sovremennoogo obshchestvennogo razvitiia, materialy. Moskva, Nauka, 1966. 336 p. (Sovremennye problemy materialisticheskoi dialektiki)
- [THIS IS HOW THE SOVIET PEOPLE ACT] Tak postupaet sovetskoe liud. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1967. 92 p. (CST-II)
- TYMKIW, ATHANASIOS [Christ in the family] Khrystos u rodnyi. Toronto. Vyd-vo OO. Vasylian, 1965. 30 p.
- VOSKRESENSKII, N. V. [Medicine and religion] Meditsina i religiiia. Moskva, Meditsina, 1965. 41 p. (Nauchno-populiarnaya meditsinskaya literatura)
- ZEL'KINA, O. S., ed. [Problems of structure in scientific knowledge] Problemy struktury v nauchnom poznanii; sbornik statei. [Saratov] Izd-vo Saratovskogo univ., 1965. 131 p.
- ### 4. HISTORY
- AFANAS'YEVA, A. I., K. A. MOROZOV, and E. M. EPSHTEIN. [History of our region] Istoriia nashego kraia. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965. 215 p. illus., fold maps. (CST-II)
- AKADEMIA NAUK SSSR, Institut istorii. [Complete collection of Russian chronicles] Polnoe sobranie russkikh letopisei. Moskva, Nauka. Vol. 13. [The Patriarch or Nikon chronicle] Patriarskaya ili Nikonovskaya letopis'. [3. izd.] 1965. 532 p.
- AKADEMIA NAUK SSSR, Institut istorii. [History of the Second International] Istoriia Vtorogo Internationala. Red. kotlegia: L. I. Zubok i dr. Moskva, Nauka. Vol. 1. 1965. 379 p. (Biblioteka vseмирnoi istorii)
- AKADEMIA NAUK SSSR, Institut istorii. [Peasants' book from 1475 to 1698] Razriadnaya kniga 1475-1698 gg. Moskva, Nauka, 1966. 613 p.

- AKADEMIA NAUK SSSR. Institut Latinskoi Ameriki. [José Carlos Mariátegui, an ardent fighter for the triumph of the idea of Marxism-Leninism in Latin America] Khose Karlos Mariategui, plamomnyi boiots za torzhestvo idel marksizma-leninizma v Latinskoi Amerike. Moskva, Nauka, 1966. 365 p.
- AKADEMIA NAUK SSSR. Institut narodov Azii. [Catalog of the Arabic manuscripts in the Institute of Asian Peoples of the Academy of Sciences of the U.S.S.R.] Katalog arabskikh rukopisei Instituta narodov Azii Akademii nauk SSSR. Moskva, Nauka.
- No. 3. Mikhailova, A.I. [History] Istorika. 1965. 197 p.
- AKADEMIA NAUK TURKMENSKOI SSR, Ashkhabad, Institut istorii, arkhologii i etnografii [History of the Turkmen S.S.R.] Istorika Turkmeniskoi SSR. Ashkhabad, Izd-vo Akad. nauk TSSR. [In Turkmen] Vol. 2 [April 1917-1957] April' 1917-1957 gg. 1959. 807 p.
- Kartalar. 5 fold maps in folder.
- BEKMAKHANOV, ERMUKHAN. [History of the Kazakh S.S.R., a textbook for the 10th grade of secondary schools in Kazakhstan] Istorika Kazakhskoi SSR; uchebnoe posobie dlia 10 klassa srednei shkoly Kazakhstana. Pod red. N.P. Kalistrava. Alma-Ata, Kazhupedgiz, 1960. 141 p.
- BERTI, GIUSEPPE. [Democratism and socialism in the period of Risorgimento. Translated from the Italian] Demokratsy i sotsializmy v period Risorgizmento, Moskva, Progress, 1965. 661 p.
- (CU)
- [BOLSHEVIK PARTY IN THE REVOLUTION OF 1905-1907; consultations, methodological advice] Partiya bolshevikov v revoliutsii 1905-1907 godov; konsultatsii, metodicheskie sovery. [Moskva] Mosk. rabochii, 1965. 190 p. (V pomoshch' izuchaiushchimu istoriiu KPSS, tema 3)
- BURABAYEV, M.S. [Dissemination of the ideas of Marxism-Leninism in prerevolutionary Kazakhstan] Rasprostraneniye idel marksizma-leninizma v dooktiabr'skom Kazakhstane. Pod red. T. Zhangel'dina. Alma-Ata, "Kazakhstan," 1965. 226 p. (50-tislu Veltkogo Oktlabr'a posviachena)
- CHUKOV, V.I. [Unexampled heroism; the heroism of Soviet soldiers in the battle on the Volga] Bezprimernyi podvig; o gerolizme sovetikh voinov v bitve na Volge. Moskva, Izd-vo polit. lit-ry, 1965. 157 p.
- (CU)
- DEMOCHKIN, N.N., L.K. ERMAN, and E.D. CHERMEN-SKI. [Revolution of 1905-1907 in Russia, a textbook for teachers] Revoliutsia 1905-1907 gg. v Rossii; posobie dlia uchitelov. Moskva, Prosveshchenie, 1965. 238 p. fold. map. (insert)
- [DO YOU REMEMBER, COMRADE?... Recollections of the soldiers and officers of Tula Province partisan detachments] Ty pominish', tovarishch'... Vospominaniya boitsov i komandirov ul'skikh partizanskikh otradov. Tula, Priokskoe knizhnoe izd-vo, 1965. 238 p.
- (CST-H)
- DRIDZO, V.S. [Nadezhda Konstantinovna. (Izd. 2, dop.)] Moskva, Detskaya lit-ra, 1966. 208 p.
- DROZDOV, P.I. [Landmarks of a centuries-long friendship, on the history of Soviet-Ukrainian relations] Vekhi mnogovekovoi druzhby; k istorii sovetско-ukrainskikh svyazei. Moskva, Mysl', 1965. 446 p.
- DUBINSKII-MUKHADZE, I.M. [Comrade Not; a documentary story] Tovarisch Not; dokumental'naya povest'. Tbilisi, Literatura da khetovneba, 1965. 177 p.
- DUMOVA, N.G. [Secretary of the Moscow Committee; a story about V.M. Zagorskii] Sekretar' MK; povest' o V.M. Zagorskom. Moskva, Politizdat, 1966. 117 p.
- DZERZHINSKII, F.E. [Diary of a prisoner. Letters. Translated from the Polish] Dnevnik zakhichennogo. Pis'ma. [Moskva] Molodala gvardia, 1966. 332 p. (Tebe v dorogu, romantik)
- DZHALILE, D.D. [Kurdish uprising of 1880] Vosstanie kurdov 1880 goda. Moskva, Nauka, 1966. 131 p.
- ESSEN, M.M. [Encounters with Lenin] Vstrechi s Leninym. Moskva, Politizdat, 1966. 20 p.
- FEDOROV, A.V. [February bourgeois and democratic revolution in Russia] Fevral'skaya burzhuanno-demokraticheskaya revoliutsia v Rossii. Moskva, Znaniye, 1966. 47 p. (Novoe v zhizni, nauke, tekhnika. Iseriya istorii, no 4)
- FEDOROV, G.B. [Daily surface] Dnevnaia poverkhnost'. [Izd. 2, dop. i perer.] Moskva, Detskaya literatura, 1966. 379 p.
- GEOGRAFICHESKOE OBNICHESTVO SSSR. Kamchatka, otdel. [Brief index to the literature on the history and geography of Kamchatka] Kratkiy ukazatel' literatury po istorii i geografii Kamchatki. Peh opavlovsk-Kamchatkii, 1965. 18 p. (Nabrechu 226-letiu Petropavlovsk-Kamchatskogo)
- GLINSKAIA, T.IU. [The Communist Party of western White Russia was the leader of the liberation struggle of western White Russia's workers, 1924-1926] KPZh - rukovoditel' osvoboditel'noi bor'by trudnashchikstva Zapadnoi Belorussii, 1924-1926 gg. Minsk, Bol'shaia, 1965. 198 p.
- GOROKHOV, I.M., L. ZAMIATIN, and I. ZEMSKOV. [G.V. Chichein, diplomat of the Leninist school] G.V. Chichein - diplomat leninskoi shkoly. Pod obshchimi red. V.B. Semonova. Moskva, Politizdat, 1966. 110 p.
- GRIGOR'EV, P.G. [Splendid Mikhailovich Mikhailov, a short sketch of his life and work. Splendid Mikhailovich Mikhailov, kratkiy ocherk o ego zhizni i deiatel'nosti. Chelobskary, Chuvashskizdat] 1966. 65 p. [In Chuvash] (MH)
- GRIN'KO, A.I. [Two hundred heroic days] Dvesti gerolicheskikh dnei. Voi onesh, Stenit'no-Chernozemnoe knizhnoe izd-vo, 1965. 129 p. (CST-H)
- [HE IS WORTHY TO BE CALLED A HERO...] "Dostoino zvania gerola..." [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 265 p. (NIC)
- [HEIT NAME WAS A PASSWORD] Ee imia bylo parolem. Moskva, Pravda, 1966. 76 p. (Biblioteka "Kommunist'skoi pravdy," no. 4)
- [HEROES OF THE GRAY BALTIC] Gerol sedoi Baltiki. [Leningrad] Lontzdat, 1965. 245 p. (CST-H)
- [HEROES OF THE URALS]. Gerol Priural'ia. Ural'sk. 1965. 75 p. (CST-H)
- INAL-IPA, SH.D. [Abkhazians, historical and ethnographic studies] Abkhazy; istoriko-etnograficheskie ocherki. 2. perer. i dop. izd. [Sukhumi] Anshara, 1965. 693 p.
- INTERNATIONAL WORKINGMEN'S ASSOCIATION. General Council. [General Council of the First International, 1871-1872, protocols] General'nyi Sovet Pervogo Internatsionala, 1871-1872; protokoly. Moskva, Izd-vo polit. lit-ry, 1965. xvi, 464 p. (Dokumenty Pervogo Internatsionala) (CnOTU)
- ITENBERG, B.S., and A.I.A. CHERNIAK. [The life of Aleksandr Ulianov] Zhizn' Aleksandra Ulianova. Moskva, Nauka, 1966. 169 p.
- IVANSKII, A.I., comp. [A torchlitko life; story of Aleksandr Ulianov's heroic struggle and tragic death told by his contemporaries] Zhtan' kak fakol; istoriya gerolicheskoi bor'by i tragicheskoi gibeli Aleksandra Ulianova, rasskazannaya ego sovremennikami. Moskva, Politizdat, 1966. 518 p.
- [JEWISH AUTONOMOUS PROVINCE] Evreiskaya avtonomnaya oblast'; sbornik statei. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1965. 30 p.
- KABO, L.R. [Tale about Boris Bekleshev] Povest' o Borise Beklesheve. Izd. 2. [Moskva] Molodala gvardia, 1965. 318 p. (CST-H)
- KASYMOV, A.M. [Struggle of Mysore for its independence at the end of the 18th century] Bor'ba Malsura za svolu nezavisimost' v kontse XVIII veka. Tashkent, Izd-vo Nauka UzSSR, 1964. 111 p. (MH)
- KATIRLI, MEDJID. [Chingiz B'd'ym, a biographical sketch. Translated from the Azerbaijani] Chingiz B'd'ym, biograficheski ocherk. Baku, Azerbaidzhan-akun (gaz. izd-vo, 1964. 105 p. (CST-H)
- KAUKICHISHVILI, SIMON. [What the ancient Caucasus tell about Georgia. Chto rasskazyvabut drevnie greki o Gruzii. Tbilisi, Sakhota Sakartvelo] 1961. 143 p. [In Georgian] (MH)
- KICHEV, M., and M. BUTAI.V. [Kazakhstan in the years of Soviet government, a chronology] Dagestan za gody Sovetskoi vlasti, khronika. Makhakhal, Dagestanskoe knizhnoe izd-vo, 1963. 169 p. (K indoril narodov Dagestana) (CST-H)
- KIEV. (Province) Oblastnoi gosudarstvennyi arkhiv. [State Archives of Kiev Province, a guidebook] Gosudarstvennyi arkhiv Kievskoi oblasti; putevoditel'. Kiev, Izd-vo polit. lit-ry Ukrainy, 1965. 410 p. (Neti) (VU)
- KIM, SUNG-HWA. [Studies on the history of Soviet Korea] Ocherki po istorii novotokikh korietsev. Alma-Ata, Nauka, 1965. 250 p.
- KISEL'EV, I.M. [Close to the legend. Rblom a legend. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 79 p. (Izudi zoniil kuznetskol) (NIC)
- KISLITSYN, A.S. [Covered with glory; sketches on the heroes of the Soviet Union from the southern Urals] Ovolnynye nlovot, ocherki o Uzhnoural'skikh - Gerolakh Sovetskogo Soyuza. [Chelabinsk] Uzhnoural'skoe knizhnoe izd-vo, 1965. 121 p. (CST-H)
- KOLOD, I.A. [Front line scouts] Frontovyye razvedchiki. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965. 77 p. (CST-H) (NIC)
- KOTOV, I.V. [Smolensk under ground] Smolenskoe podpol'e. [Moskva] Monk, labuch, 1966. 236 p.
- KUN, BELA. [On the Hungarian Soviet Republic; selected articles and speeches. Translated from the Hungarian] O Vongarskoi Sovetskoi Respublike; izbrannyye stat'i i rechi. Moskva, Politizdat, 1966. 542 p.
- KUUSINEN, OTTO WILHELM. [Selected works, 1910-1964] Izbrannyye proizvedeniya, 1910-1964. Moskva, Politizdat, 1966. 686 p.
- LAZENKOV, A.E. [A boy from Narvik; a documentary story] Mal'chik iz Narvika; dokumental'naya povest'. [Moskva, Sovetskaya Rossiya, 1965] 111 p.
- LELIUSHENKO, D.D. [Dawn of victory] Zaria pobedy. Moskva, Voenizdat, 1966. 140 p. (Voennyye memuary)
- LEPESHINSKAIA, O.D. [Encounters with Il'ich; reminiscences of an old Bolshevik] Vstrechi s Il'ichom; vospominaniya staroi bol'shevichki. 2. izd. Moskva, Politizdat, 1966. 38 p.
- LIKHONOVICH, IYVEN. [Form and content of the Ukrainian liberation efforts] Forma i zmist ukrains'kykh vyzvol'nykh zmahani'. New York, 1966. 105 p. (LW)
- LUDSHUEIT, E.F. [Turkey during the years of the First World War, 1914-1918; military and political outline] Turtsia v gody Pervoi Mirovoi volny, 1914-1918 gg.; voenno-politicheski ocherk. [Moskva] Izd-vo Mosk. univ., 1966. 389 p.
- MAKARENKO, O.A. [Life-giving power of proletarian solidarity; about the help of foreign workers to the Soviet Ukraine in 1921-1923] Zhyvotvorna siyla proletars'kol solidarnosti; pro dopomogu trudnashchiklykh znabozhnykh kraia Radians'kii Ukraini v 1921-1923 r.r. Kyiv, Dorzh, vyd-vo polit. lit-ry URSR, 1963. 86 p. (NN)
- MARKOVA, O.P. [Russia, Transcaucasia, and international relations in the 18th century] Rossiya, Zakavkaz' i mezhdunarodnye otnosheniya v XVIII veko. Moskva, Nauka, 1966. 322 p.
- MENABDE, E.A. [Little society; its economy, property, family, and inheritance] Khutiskoe obshchestvo; ekonomika, imushchestvo, semia i nasledovanie. Tbilisi, Metsnereba, 1965. 229 p.

MICHELET, JULES. [The people. Translated from the French] Narod. Izd. podgotovili V.G. Dmitriev i F.A. Kogan-Bonshteln. Moskva, Nauka, 1965. 207 p. (Literaturnye pamyatniki)

MIKULINA, E.N. [Man is not alone, short tales of our days] Chelovek ne odin, korotkie povesti nashikh dnei. Moskva, Znanie, 1965. 94 p. (CSt-II)

MINEEV, N.F. [The first victory] Per vala pobeda. Moskva, Voenizdat, 1966. 64 p. (Gerol i podvig)

MOSCOW. INSTITUT MARKSIZMA-LENINIZMA. [Vladimir Il'ich Lenin; an album of photographs] Vladimir Il'ich Lenin, albom fotografii. Moskva, Sovetskii khudozhnik, 1965. 1 v. (chiefly illus.)
— V.I. Lenin, album. List of illustrations 1 v. [In English, French, German, and Italian]

MUSHTUKOV, V.E., and P.E. NIKITIN. [Here Lenin lived and worked; historical places associated with Lenin in Leningrad and vicinity] Zdes' zhit i rabotat Lenin, po pamiatnym tochnikim mestam Leningrada i okrestnostei. [Leningrad] Lenizdat, 1965. 583 p. fold. map. (insert)

NAZAROV, S.A. [From the history of the activity of the Central Asia Bureau of the Central Committee of the Russian Communist Party (Bolshevik), 1922-1924] Iz istorii deiatel'nosti Sredazhiu o Tek RKCP(b), 1922-1924 gg. Tashkent, "Uzbekistan," 1965. 116 p.

NIKISHOV, P.P. [From the history of the collapse of the left socialist revolutionaries in Turkestan] Iz istorii krusheniya levyykh eserov v Turkestane. Frunze, "Kyrgyzstan," 1965. 178 p.

OB"EDNENIYA CHINOV KORMILOVSKOGO UBARNOGO POLKA. [Answer to Kirilenko's book, "1913, from glory and honor, to the disgrace and shame of February 1917"] Otvet na knigu Kirilenko "1913 g. ot chesti i slavy - k podlosti i pozoru fevralia 1917 g.", sbornik slatel'chenov... Pairs, 1965. 61 p.

OVSIAKIN, E.I. [Heroic deeds of the workers of Arkhangelsk Province in the years of the Great Patriotic War; material for discussions and reports] Geroicheskie podvigi i udachi cheloveka Arkhangel'skoi oblasti v gody Velikoi Otechestvennoi voyny, material dlia besed i dokladov. [Arkhangelsk] Arkhangel'skii obkom KPSS, 1965. 33 p. (CSt-II)

PAKIMURNYI, P.M. [The Communist Party as organizer of the partisan movement in Kazakhstan, 1918-1920] Kommunisticheskaya partiia - organizator partizanskogo dvizheniia v Kazakhstane, 1918-1920. Alma-Ata, "Kazakhstan," 1965. 453 p. (50-letiiu Velikogo Oktabria posviashchena)

[PEOPLE MAKE THE EARTH BEAUTIFUL] Zemliu ukrasit liudi. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1965. 167 p. (CSt-II)

ROSENKO, I.A. [Soviet-German relations, 1921-1922] Sovetskoe-germanskie otnosheniia, 1921-1922 gg. [Leningrad] Izd-vo Leningr. univ., 1965. 157 p.

SARATOV, UNIVERSITET. [Papers by young scholars. History and philology issues] Trudy molodykh uchenykh. Vypusk istoriko-filologicheskii. [Saratov] 1964. 101 p. (CSt-II)

SHAPOVAL, MYKYTA. [Hetman's rule and the Directory (collections)] Het'manschyna i dyrektoriia (spohady). Uporiadkuvav Sava Zorkal'. [New York] Ukrain'ska hromada im. M. Shapovalova v Novim Yorku, 1958. 126 p. (Biblioteka Ukrain'skoho hromads'koho slova, No. 8) (NN)

SHARONCHIKOV, I.A. [Blue distances] Golubye dal'. Moskva, Voennoe izd-vo, 1964. 73 p. (WU)

SIDEL'NIKOVA, Z.IA. Orel. [Orel] Priokskoe knizhnoe izd-vo, 1964. 27 p. illus. (CSt-II)

SIMONOV, K.M. [Each day was long; from the war diaries of 1941-1945] Kazhdyi den'-dlinnyi; iz voennykh dnevnikov 1941-1945 godov. Moskva, Sovetskaya Rossiia, 1965. 164 p.

SMIRNOV, S.S. [True stories of the great war] Byli Velikoi voyny. Moskva, Sovetskaya Rossiia, 1966. 231 p. illus.

SOLOV'EV, K.L. [In the upper reaches of the Dnieper] V verkhov'akh Dniepra. [Moskva] Mosk. rabochii, 1960. 158 p.

STAKHIV, MATVII. Ukraina v dobi Dyrektorii UNR. Ukraine during the Directorate of the Ukrainian National Republic, Nov. 1918-Nov. 1920. [Scranton, Ukrain'ska naukovo-istochyna biblioteka] Vols. 1-3, 5-6, 1962-1965. 5 v. (Biblioteka ukrainoznavstva, vol. 10)

TER-GEVONDIAN, A. [Arabian emirates in Bagdadid Armenia] Arabskie emiraty v Bagdadidskoi Armenii. Erevan, Izd-vo Akad. nauk Armianskii SSR, 1935. 311 p. (NIP)

TRET'IAKOV, P.N. [Finno-Ugrians, Balts, and Slavs in the Dnieper and Volga Valleys] Finno-ugry, balty i slaviane na Dnepre i Volgo. Moskva, Nauka, 1966. 300 p.

[THE UKRAINIAN SICH RIFLEMAN, 1914-1920] Ukrain'ski Sichovi Stril'tsi, 1914-1920. Trelii naklad. Montreal, Vyd-vo Ihoria Fediva, 1955. 208 p. illus.

UL'IANOV, D.I. [Reminiscences about Vladimir Il'ich] Vospominaniia o Vladimire Il'iche. Izd. 3. Moskva, Politizdat, 1966. 59 p.

VOSKRESENSKII, M.L. [German leads the brigade; recollections of a partisan] German volet brigadu; vospominaniia partizana. [Leningrad] Lenizdat, 1965. 213 p. (CSt-II)

[A WORD ABOUT OUR COUNTRYMEN; a collection] Slovo o zemlitsakh; sbornik. Izhevsk, "Udmurtin," 1965. 211 p. (CSt-II)

YOSHKAR-OLA. MARISKII NAUCHNO-ISLEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY I ISTORII [Studies on the history of the Mari A.S.S.R.; from the ancient period to the Great October Socialist Revolution] Ocherki istorii Mariiskoi ASSR; a drevneishikh vremen do Velikoi Oktabs'koi sotsialisticheskoi revoliutsii. Ioshkar-Ola, 1965. 362 p. 2 fold. maps (insert)

ZAGORUL'SKII, E.M. [Archaeology of White Russia] Arkheologia Belorussii. Pod red. B.A. Rybakova. Minsk, Vysshaya shkola, 1965. 221 p.

ZHIGALIN, IA.P. [Partisan detachments occupied cities...] Partizanske otrady zaimali goroda... Barnaul, Altai'skoe knizhnoe izd-vo, 1965. 162 p. (CSt-II)

ZIL'BERMAN, E.G., and V.K. KHOLIAVIN. [Assault ("In the name of the revolution"); sketch of the life and revolutionary struggle of Vasilii Osipov] Pokusheniia ("vo imia revoliutsii"); ocherk zhizni i revoliutsionnoi bor'by Vasilii Osipova. Izd. 2. [Kazan'] Izd-vo Kazanskogo univ., 1965. 118 p. (Studenty i evoliutsioneru Kazanskogo universiteta) (CSt-II)

5. SOCIAL SCIENCES

ABRAMOV, A.I. [Economic history of the United States of America, textbook for students of the economic history of foreign countries] Ekonomicheskaya istoriia Sоеdinennykh Shtatov Ameriki; uchebnoe posobie dlia studentov po ekonomicheskoi istorii zarubezhnykh stran. Pod red. V.M. Krylova. Kulbyshev, Kulbyshevskii planovyi in-t, 1965. 168 p. (CSt-II)

AFANAS'EV, V.I., and I.F. ROMANENKO. [Initiative plus responsibility] Initsiativa plus otvetstvennost'. [Moskva] Mosk. rabochii, 1966. 48 p.

AITIEV, T.A. [Triumph of Lenin's cooperative plan in Kazakhstan] Torzhestvo leninskogo kooperativnogo plana v Kazakhstane. Alma-Ata, Nauka, 1965. 123 p. (CSt-II)

AKADEMIA NAUK KIRGIZSKOI SSR, Frunze, Institut ekonomiki. [Development of the productive forces of the Kirghiz S.S.R. in perspective] Razvitiie proizvoditel'nykh sil Kirgizskoi SSR v perspektive. Frunze, Ilim, 1966. 72 p.

AKADEMIA NAUK SSSR. [Bibliography on the problems of the distribution and regionalization of the industry of the U.S.S.R., 1958-1964] Bibliografiia po voprosam razmeshcheniia i raionirovaniia promyshlennosti SSSR (1958-1964). Moskva, Nauka, 1966. 258 p.

AKADEMIA NAUK SSSR. Fundamental'nain biblioteka obshchestvennykh nauk. [Capital investments in the national economy of the U.S.S.R. Capital assets of industry and their use, an index to the Soviet literature, 1945-1964] Kapitalovlozheniia v narodnoe khoziaistvo SSSR. Osnovnye fondy promyshlennosti i ikh ispol'zovanie, ukazatel' sovetskoi literatury 1945-1964. Moskva, Nauka, 1966. 161 p.

AKADEMIA NAUK SSSR. Institut nauchov Azii. [Problems in the economics and history of the countries of the Near and Middle East] Problemy ekonomiki i istorii stran Blizhnego i Srednego Vostoka; sbornik statei. Moskva, Nauka, 1966. 236 p.

AKADEMIA NAUK URSS, Kiev, Institut ekonomiki. [Prospects for the development of the mineral and raw material supply for industry in the Ukrainian S.S.R.] Perspektivy razvitiia mineral'no-syrovotnoy promyshlennosti URSS. Kiev, Naukova dumka, 1966. 249 p.

AKADEMIA NAVUK BSSR, Minsk, Institut ekonomiki. [Price determination for articles of consumption] Tsenobrazovanie na predmety potrebniia. Minsk, Nauka i tekhnika, 1965. 197 p.

ALEKSANDROV, I.N., Z.A. BURLIAND, and E.F. KARAKOVSKAIA. [Economic geography of the Tatar A.S.S.R., a textbook for the secondary school] Ekonomicheskaya geografiia TASSR; uchebnoe posobie dlia srednei shkoly. Kazan', Tatarskoe knizhnoe izd-vo, 1963. 158 p. (MICROFILM)

ALISOV, N.V., and B.G. OSTROVSKII. [Chemistry and geography] Khimiia i geografiia. Moskva, Znaniie, 1966. 46 p. (Novoe v zhizni, nauka, tekhnika. XII Seriya: Nauka o zemle, no. 2)

ANDREEVA-GALANINA, E.TS., and L.IA. BURLOVA. [Industry, hygiene and sanitation] Gigiena truda i promyshlennaya sanitariia. [Leningrad] Meditsina, 1966. 291 p.

ASHIN, G.K. [Modern bourgeois sociology, a critical study of idealistic theories about the role of the public masses and the individual personality in history] Sovremennaii burzhuaznaia sotsiologiya; kriticheskii ocherk idealisticheskikh teorii o roli mas odnykh mass i lichnosti v istorii. Moskva, Vysshaya shkola, 1965. 203 p.

BAKAEV, A.A. [Electronic digital computers in transportation work planning] TSifrovyie vychislitel'nye mashiny v planirovaniia raboty transporta. Kiev, Tekhnika, 1966. 222 p.

BASIUK, T.L. [Organization of socialist agriculture] Organizatsiia sotsialisticheskogo sel'skoihoziaistvennogo proizvodstva. Moskva, Ekonomika, 1965. 531 p. (MII)

BASIUK, T.L. [Put electronics in the service of agriculture] Elektronika - na sluzhbu sel'skomu khoziaistvu. Moskva, Ekonomika, 1966. 100 p. (Obsuzhdaem problemy sovshchenstvovaniia planirovaniia, no. 16)

BELOKHOLUNTSKII MASHINOSTROITEL'NYI ZAVOD. [Bicentennial of the Belokholunskii Machinery Plant, 1764-1964] Belokholunskomu mashinostroitel'nomu zavodu - 200 let (1764-1964 gg.) Kirov, 1965. 166 p.

BERKOV, N.T. [Monetary movement and methods of its study] Migratsiia denog i metody ee izucheniia. Moskva, Finansy, 1966. 118 p.

BOL'SHAKOVA, S.V., and L.M. IVANOVA. [At home, in the family] Doma, v sem'e. Moskva, Gos. izd-vo polit. lit-ry, 1966. 62 p. (Vremia i liudi) (NDG)

BOTSVAZDE, T.D. [Social and economic relations in Kabarda in the first half of the 19th century] Sotsial'no-ekonomicheskie otnosheniia v Kabardo v pervoi polovine XIX veka. Tbilisi, Metsniereba, 1965. 123 p.

[BRANCH PRODUCTION COMBINES IN INDUSTRY] Otnosheniia proizvodstvennykh ob'edinenii v promyshlennosti. Moskva, Ekonomika, 1966. 101 p.

- BURICH, P.G. [Efficiency of the use of capital assets] *Effektivnost' ispol'zovaniia osnovnykh fondov* Moskva, Finansy, 1966 58 p.
- BYCHKOV, P.S. [Working capital of socialist industrial enterprises] *Obozneniya sredstva sotsialisticheskikh promyshlennyykh predpriyatiy*. Moskva, Ekonomika, 1966. 150 p.
- CHECHKO, ANDRII [Notes of a criminal investigator] *Zapyski, sledchego*. Toronto, [Kiev Printers Ltd.] 1964 127 p. (Biblioteka "Moi svet")
- CHEKALIN, V.I. [Love and the family] *Liubov' i sem'ia*. Izd. 2 Moskva, Politizdat, 1965 295 p.
- CHERBENKO, M.S. [Significance of electrification in the development of the material and technical basis of communism, economic growth based on materials on the agriculture of the U.S.S.R.] *Znacheniia elektifikatsii v stvorenni material'no-tekhnicheskoi bazy kommunizmu, politekonomicheskii i nauka na materialakh sil'skoho hospodarstva URSR*. [Kyiv] Vyd-vo Kyivs'koho univ., 1964 250 p. (WU)
- DEMINSKII, N.V., A.P. VOROBIECHKOV, and M.Z. KAUFMAN. [Economic analysis of the managerial and financial operations of industrial enterprises] *Ekonicheskiy analiz khozaiствennoi i finansovoi delatelnosti promyshlennyykh predpriyatiy*. Pod obshchey red. N.V. Deminskogo Minsk, Belarus', 1965. 310 p.
- [DISTRIBUTION AND SPECIALIZATION OF AGRICULTURAL PRODUCTION AS EXEMPLIFIED BY THE COLLECTIVE AND STATE FARMS OF KRASNODAR TERRITORY] *Razmeshcheniye i spetsializatsiya sel'skookhozaiствennogo proizvodstva na primere kolhozov i sovkhovov Krasnodarskogo kraia* Moskva, Rossel'khozizdat, 1965 174 p.
- DROBIZHEV, V.Z. [Elimination of the exploiting classes in the U.S.S.R.] *Likvidatsiya ekspluatatorskikh klassov v SSSR*. Moskva, Znaniye, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriya Istoriya, no. 6)
- DUDESKII, I.V. [Comecon countries, the development of their economies and cooperation] *Stany SEV Razvitiye ekonomiki i sotrudnichestva*. Moskva, Izd-vo "Znanie", 1966 47 p. (Novoe v zhizni, nauke, tekhnike. II Seriya Ekonomika, no. 5)
- DVORETSKII, V.I., and A.M. EIDINOV. [Special features of the analysis of the managerial operations of a chemical enterprise] *Osobennosti analiza khozaiствennoi delatelnosti khimicheskogo predpriyatiya*. Moskva, Finansy, 1965. 69 p.
- [ECONOMIC CONDITIONS OF CAPITALIST AND DEVELOPING COUNTRIES; a survey for 1964 and the beginning of 1965] *Ekonomicheskie polozheniye kapitalisticheskikh i razvivayushchikhsya stran, sbor za 1964 g i nachalo 1965 g* Moskva, Pravda, 1965. 156 p.
- [ECONOMIC STIMULATION OF PRODUCTION, a collection of articles] *Ekonomiche stimulirovaniya vyrobnyatstva; zbirnyk statei*. Kyiv, Politytydav Ukrainy, 1966. 77 p.
- EDOSHIN, A.N. [Accounting in the forest industry enterprises] *Bukhgalterskii uchët na predpriyatiyakh lesnogo khozaiствa*. Moskva, Lesnaya promyshl., 1965. 380 p. (CaOTU)
- ESTRINA, A.M. [Trade relations between collective farms and industry] *Torgovyie svyazi kolhozov s promyshlennost'yu*. Moskva, Ekonomika, 1965. 106 p.
- EVSTRAT'EV, S. [Ways to increase the economic efficiency of capital assets in the wine making of the Moldavian S.S.R.] *Puti povysheniya ekonomicheskoi effektivnosti osnovnykh fondov v vinodelii MSSR*. Kishinev, 1965. 59 p.
- FEL'DMAN, I.KH. [Ways for the chemicalization of the national economy of the East Siberian Economic Region] *Puti khimizatsii narodnogo khozaiствa Vostochno-Sibirskogo ekonomicheskogo raiona*. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1964 90 p. (CS-I)
- FOVAREV, E.N. [Distribution and use of consumers' cooperative profit] *Raspredeleniye i ispol'zovanie potrebitel'skoi kooperatsii*. Moskva, Finansy, 1966. 149 p.
- [FOR THE AID OF THE TRADE-UNION FACTORY AND PLANT COMMITTEES] *V pomoshch' komissiiam FZMK*. [Moskva] Politizdat, 1966. 60 p. (Biblioteka profsoyuznogo aktivista, no. 6(126))
- GAVRICHENKOV, D.N. [Organization of basic production at enterprises of the flour milling, groats, and mixed-feed industry] *Organizatsiya osnovnogo proizvodstva na predpriyatiyakh mukoimol'nol, krupianol i kombinirovanoi promyshlennosti* Moskva, Tsentr. nauchno-tekhn. informatsii i tekhniko-ekon. issledovaniya, 1964. 53 p. (Seriya "Mukomol'naya, krupianaya i kombinirovaya promyshlennost'", no. 2) [MICROFILM]
- GODUNOV, A.A. [Problems of the theory of industrial management] *Voprosy teorii upravleniya proizvodstvom*. [Leningrad] Izd-vo Leningr. univ., 1966. 108 p.
- GOFMAN, G.A., and S.M. KAPELUSHI. [Studies on the development of accounting forms] *Ocherki razvitiya form bukhgalterskogo ucheta*. Pod red. S.K. Taras. Moskva, Finansy, 1966. 121 p.
- GRINGARTEN, L.M. [Album of visual aids on accounting in industry and construction] *Album nagladnykh posobil po bukhgalterskomu uchetu v promyshlennosti i stroitel'stve* Moskva, Finansy, 1966. 151 p.
- GUDYM, A.A. [Production specialization and technical progress in the machinery industry of the Moldavian S.S.R.] *Spetsializatsiya proizvodstva i tekhnicheskii progress v mashinostroeni Moldavskoi SSR*. Kishinev, Kartia moldoveniaskie, 1966 70 p.
- GUREV, I.E. [General crisis of capitalism] *Obshchii krizis kapitalizma*. Moskva, Univ. druzhiy narodov, 1965. 65 p.
- GVELESANI, G.G. [Development and distribution of socialist production of the Georgian S.S.R.] *Razvitiye i razmeshcheniye sotsialisticheskogo proizvodstva v Gruzinskoi SSR*. Tbilisi, Metsnereba, 1965. 380 p.
- IAKOVLEV, N.N. [Ireland] *Irlandiya*. Moskva, Gos. izd-vo geogr. lit-ry, 1957. 47 p. (Ukazy mla)
- IAKUSHKIN, I.M. [Efficient organization of passenger transportation on subways] *Ratsional'naya organizatsiya passazhirskikh perivozok na metropolitene*. Moskva, Stroizdat, 1965. 68 p.
- IL'IN, G.V. [Cultural development in the U.S.S.R. during the struggle for the strengthening and development of socialist society 1937-1941; textbook on the course "Cultural and educational work"] *Kul'turnoe stroitel'stvo v SSSR v gody bor'by za uprocheniye i razvitiye sotsialisticheskogo obshchestva (1937-1941); uchebnoye posobie po kursu "Kul'turno-prosvetitel'naya rabota"*. Moskva, Mosk. gos. in-t kul'tury, 1965. 107 p.
- IONOVA, A.I. [Indonesian bourgeoisie and the working class, 1945-1960] *Indoneziyskaya burzhuaziya i rabochii klass (1945-1960 gg.)*. Moskva, Nauka, 1966. 138 p.
- ISMAILOV, ABDULLA [Password is "Silence"; sketches on the militia and auxiliary police] *Parol' - "Tishina"*, ocherki o militsii i družinnikakh. Tashkent, Eshgardiya, 1965. 87 p. (CS-II)
- IURCHUK, V.I. [Struggle of the Communist Party of the Ukraine for the restoration and development of the national economy, 1945-1952] *Borot'ba KP Ukrainy za viddovodu i rozvytok natsionalnogo hospodarstva, 1945-1952 r*. Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1965. 254 p. (NcU)
- IVANIS, A.N. [Problems of the cost and profitability of saury fisheries] *Voprosy sobornosti i rentabil'nosti sal'rovogo promysla*. Vladivostok, Dal'n.-vostochnoe knizhnoe izd-vo, 1965. 11 p. (Ekonomika rybnol. promyshlennosti) [MICROFILM]
- KAGORODOV, V., and others. [In the forefront] *Na perednem krae*. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1964 63 p. (CS-II)
- KALININGRAD. ATLANTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT RYBNOGO KHOZAIствA I OKEANOGRAFI. [The fishing industry of the Western Basin in the seven-year plan] *Rybniya promyshlennost' Zapadnogo basseina v semiletke*. Kaliningrad, 1964. 182 p. [MICROFILM]
- KANTOR, I.M. [Costs in socialist industry] *Schetost'most' sotsialisticheskoi promyshlennosti* Moskva, Gos. izd-vo polit. lit-ry, 1956 271 p.
- KASHIN, I.U.S. *Smegal*. Moskva, Mysl', 1965. 131 p. (Sotsial'no-ekonomicheskie problemy razvivayushchikhsya stran)
- KIRUSHICHEV, N.S. [Control figure of the development of the national economy of the U.S.S.R. for 1959-1965. Report and concluding speech at the extraordinary 21st Congress of the CPSU, January 27th-February 5th, 1959] *Priokhvatnyi tsyfyly rozvytku natsionalnogo hospodarstva SSSR na 1959-1965 roky. Dopevid' i zaklyuchenie na pozachei lavomu XXI z'ezdu Komunisticheskoi partii Radians'koho Spnzu 27 ianvarya i 5 februa 1959 r*. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 165 p. (CIV)
- KLEMYSHCHEV, P.A. [Relationship of the value of capital assets to the value of production in agriculture and potentialities for reducing the ratio] *Fondemkost' selskokhozaiствennoi produktii i tsevy na enizheniia*. Moskva, Ekonomika, 1966. 150 p.
- KLEPIKOV, V.F. [Socialist cooperation in labor] *Sotsialisticheskaia kooperatsiia truda*. Moskva, Ekonomika, 1966. 110 p.
- KLESMET, O.G. [Problems of Latin American industrialization] *Problemy indusializatsii latinskoi Ameriki*. Moskva, Nauka, 1966. 167 p.
- KOLESNICHENKO, T.A., and M.K. ZENOVICH. [Thunder over Rhodesia] *Grom nad Rodziel*. Moskva, Politizdat, 1966. 101 p.
- KOMISSAROV, V.P., and A.N. POPOV. [International foreign exchange and credit relations] *Mezhdunarodnye valyutnyie i kreditnyie otnosheniya*. Pod red. G.S. Lopotina, Moskva, IMO, 1965. 493 p.
- KOMMUNISTICHESKAIA PARTIYA SOVETSKOGO SOIUZA. *Vysshaiia partynnaia shkola. Katoda politicheskoi ekonomii*. [Political economy] *Politicheskaya ekonomiya* Moskva, Mysl'. Vol. 2. 1965. 670 p.
- KONSON, A.S. [Economics of the electrical equipment industry] *Ekonomika elektrotekhnicheskoi promyshlennosti*. Moskva, Vysshaya shkola, 1966. 332 p.
- KOPYSSKII, Z.U. [Economic development of the region of White Russia in the 16th and the first half of the 17th century] *Ekonomicheeskoe razvitiye gornoi Belorusii v XVI - pervoi polovine XVII v*. Minsk, Nauka i tekhnika, 1966. 225 p.
- KOSHAK, A.K. [The labor movement in the Ukraine during the years of the First World War and the February Revolution] *Rabochee dvizheniye na Ukraine v gody Pervoi Mirolvnoy i Fevral'skoi revoliutsii*. Kiev, Izd-vo Kievskogo univ., 1965. 322 p.
- KOSYGIN, A.N. [Directives of the 23d Congress of the CPSU on the five-year plan for the development of the national economy of the U.S.S.R. in the years 1966-1970, report and concluding speech of the Chairman of the Council of Ministers of the U.S.S.R. at the 23d Congress of the CPSU on April 6-7, 1966] *Direktivnyy XXIII s'ezda KPSS po platennomu planu razvitiya narodnogo khozaiствa SSSR na 1966-1970 gody; doklad i zaklyucheniye slovo Predsedatelya Soveta Ministrov SSSR na XXIII s'ezde KPSS 6 i 7 aprelia 1966 goda*. Moskva, Politizdat, 1966. 79 p.
- KRAKOVICH, E.D. [Economy of the expenditure of labor in machinery manufacturing] *Ekonomika zatrat truda v mashinostroeni*. Odessa, Malak, 1965. 17 p.
- KRAVIN, I.U.A. ["Sociology of revolution" against revolution] *"Sotsiologiya revoliutsii" protiv revoliutsii*. Moskva, Politizdat, 1966. 94 p.
- KRASNOYARSK. INSTITUT TSVETNYKH METALLOV. [Philosophy, political economy and the history of the CPSU; reports of the conference on science and technology] *Filosofiya, politicheskaya ekonomiya i istoriya KPSS; doklady nauchno-tekhnicheskoi konferentsii*. Pod red. P.R. Kravtsova i A.A. Sergeeva. Krasnoyarsk, 1965. 66 p. (CS-II)
- KRONROD, I.A.A. [Laws of the political economy of socialism; methodological and theoretical studies] *Zakony politicheskoi ekonomii sotsializma; ocherki metodologii i teorii*. Moskva, Mysl', 1966. 680 p.

SHIRSHOV, I. V. [Ways to increase the profitability of collective farms in Moldavia] Puti povysheniya rentabel'nosti kollektivnykh Moldavii. Kishinev, Karlia moldoveniaske, 1966. 51 p.

SHITUKA, V. G. [New times - new customs] Vremur' noi - datin' noi. Kishinev, Karlia moldoveniaske, 1966. 54 p. [In Moldavian]

SHVARKOV, V. V. [Economic and mathematical analysis of consumer demand] Ekonomiko-matematicheskiy analiz potrebitel'skogo spros. [Moskva] Izd-vo Mosk. univ., 1966. 250 p.

SILINSKII, P. P. [Prospects for the development of the economy and culture of Irkutsk Province during the new five-year plan, 1966-1970] Perspektivy razvitiia ekonomiki i kul'tury Irkutskoi oblasti v novom platiletii, 1966-1970 gg. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 86 p.

STRUCHEVSKII, I. A. [The dependent population of ancient Egypt] Zavisimoe naselenie drevnego Egipta. Moskva, Nauka, 1966. 160 p.

SULEMANOV, I. G. [New way of life, new traditions] Novyi byt - novye traditsii. Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 40 p.

SVERDLOVSK. NAUCHNO-ISLEDOVATELSKII PROEKTNO-TEKNOLOGICHESKII INSTITUT MASHINOSTROENIIA. [Method for the development and introduction of plans for scientific labor organization in working areas, sections, and workshops] Metodika razrabotki i vnedreniia planov nauchnoi organizatsii truda (i OT) dlia rabochikh mest, uchastkov i tsikhov. Moskva, Ekonomika, 1966. 54 p.

SYSHCHIKOV, N. A. [Trade unions as the organizers of the masses, from the work experience of trade union organizations of the Chechen-Ingush A.S.S.R.] Profsoyuz - organizatory mass, iz opyta raboty profsoyuznykh organizatsii Checheno-Ingushskoi ASSR. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1964. 74 p. (CS1-H)

TON, D. S. [Business accounting in industrial enterprises] Khozraschetul yn yntreprinderile Industriale. Kishinev, Karlia moldoveniaske, 1965. 55 p. [In Moldavian]

TRUBILKO, N. P., and V. S. TONKOVICH, eds. [Economics and organization of socialist agriculture] Ekonomika i organizatsiia sotsialisticheskogo sel'skogo khoziaistva. Minsk, Vysshaya shkola, 1965. 163 p.

TULIANU, V. [Moldavia, the flourishing country] TSvetustchil krai, Moldavia. Kishinev, Karlia moldoveniaske, 1965. 203 p. illus.

TURYSEV, A. M. [Economic substantiation of diploma projects on technological subjects at the Siberian Technological Institute; methods manual] Ekonomicheskoe obosnovanie diplomnykh proektov tekhnologicheskikh spetsial'nostei Sibirskogo tekhnologicheskogo instituta, metodicheskoe posobie. Krasnoyarsk, Sibirskii tekhnolog. in-t., 1963. 85 p.

USPENSKII, F. A., K. L. VOLKOV, and L. G. SHAPIRO. [Economics and planning of public food service] Ekonomika i planirovanie obshchestvennogo pitaniia. Izd. 2., ispr. i dop. Moskva, Ekonomika, 1965. 308 p. (NIC)

UTROBIN, E. N., and R. I. SHNIPER. [Planning for the economy of a large economic region] Planirovanie khoziaistva krupnogo ekonomicheskogo raiona. Mo-

VIKULOV, F. A., and G. A. GRITSKOV. [In the main direction] Na glavnom napravlenii. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1962. 87 p. (CLU)

VOITKO, V. I., ed. [Man and technology; abstracts of reports] Chelovek i tekhnika, teziy nauchnykh dokladov. Kiev, Kievskii politekhn. in-t., 1965. 46 p. (CS1-H)

[THE WHITE RUSSIAN S.S.R. IN FIGURES FOR 1964; a concise statistical abstract] Belorusskii SSR v tsifrakh za 1964 god, knizhka statisticheskikh sbornik. Minsk, Statistika, 1965. 270 p.

ZAIATS, I. N., R. V. KRUSHKOVA, and I. A. PETRENKO. [Economics, organization and planning of winemaking] Ekonomika, organizatsiia i planirovanie vinodel'cheskogo proizvodstva. Moskva, Pishchevaia promyshlennost', 1964. 365 p. (WU)

ZAITSOV, L. A. [Payment and receiving operations and accounting for them in postal communication enterprises] Kassovye operatsii i ikh uchast' v predpriiatnykh pochtovoi svyazi. Moskva, Svyaz', 1966. 78 p.

ZHOLKEVICH, A. E., and others. [Economic maneuver and methods of management] Ekonomicheski manevr i metody khoziaistvovaniia. Moskva, Ekonomika, 1966. 121 p.

ZHURBA, S. I. [Two worlds and two realities] Dva svity - dvi dliisnosti. Kyiv, Polityvdav Ukrainy, 1965. 331 p.

ZLOBIN, I. D. [Enterprises' payments to the budget] Plachezh predpriiatii v biudzet. Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike. III Seria Ekonomika, no. 6)

6. POLITICAL SCIENCE

ADFEL'DT, N. V., and E. N. RAKHOVSKAYA. [From the general to the particular and from the particular to the general] Ot obshchego k chastnomu i ot chastnogo k obshchemu. [Moskva] Mosk. rabochii, 1966. 78 p. (Besedy o propagandistskom masterstve)

AKADEMIIA NAUK SSSR, Institut istorii. [History of the foreign policy of the U.S.S.R., 1917-1966 in two parts] Istoriia vneshnei politiki SSSR 1917-1966 gg. v dvukh chastakh. Pod red. B. N. Ponomareva, A. A. Gromyko i V. M. Khvostova. Moskva, Nauka, Pt. 1. Berezkin, A. V., and others. [1917-1946] 1917-1946 gg. 1966. 477 p.

AKADEMIIA NAUK SSSR, Institut prava. [Congresses of the Soviets of the U.S.S.R., the Union and autonomous soviet socialist republics; collected documents in seven volumes, 1917-1937] S"ezdy Sovetov Soluza SSR, soluznykh i avtonomnykh soetskikh sotsialisticheskikh respublik; sbornik dokumentov v sem'i tomakh, 1917-1937 g.g. Moskva, Iuridicheskaya literatura.

Vol. 7. [Congresses of the Soviets of Union and autonomous soviet socialist republics of Central Asia; documents from 1923-1937] S"ezdy Sovetov soluznykh i avtonomnykh soetskikh sotsialisticheskikh respublik Srednei Azii; sbornik dokumentov 1923-1937 g.g. 1965. 846 p.

AZIMOV, AZAD. [An important instrument of communist education] Kommunistik tarbiyaning muhim vositasi; rus tili - eshlarni kommunistik rukhda tarbiyalashning kudratli vositidir. Toshkent, Uzbekiston KP Markazii Komitetining birlashgan nashrieti, 1965. 39 p. (Uzbekiston SSR "Bilim" zharnali, no. 32) [In Uzbek]

BOCHKOVSKIY, O. I. [The science of the nation and its life] Nauka pro natsiiu ta li zhytla. New York [Hovetia] 1958. 79 p. (Seria: Studii-naukovi materialy, no. 2) (OU)

IN WORD AND IN DEED; from the practice of a propaganda work in the industrial enterprises osov. I slovom i delom; iz opyta agitatsionno-sovoi raboty na promyshlennykh predpriiatnykh kv. [Moskva] Mosk. rabochii, 1966. 134 p.

NEV, L. I. [Report of the Central Committee of CPSU to the 23d Congress of the Communist Party of Soviet Union, March 29, 1966] Otechetnyi doklad tsentral'nogo Komiteta KPSS XXIII s"ezdu Kommunisticheskoi partii Sovetskogo Soiuza, 29 marta 1966 g. Moskva, Politizdat, 1966. 125 p.

BURIAT A.S.S.R., Verkhovnyi Sovet. [Anniversary session of the Supreme Soviet of the Buryat A.S.S.R., dedicated to the 40th anniversary of the Buryat Autonomous Soviet Socialist Republic] Iubileinaya sessiia Verkhovnogo Soveta Buriatskoi ASSR, posviashchennaya 40-letiiu obrazovaniia Buriatskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1963. 202 p. (CS1-H)

[BY LENIN'S COURSE] Leninskim kursom. Moskva, Izd-vo "Pravda," 1966. 294 p. (Biblioteka Pravdy)

[DIPLOMATIC CORPS IN MOSCOW] Diplomatsicheskii korpus v Moskve. [n.p.] M-vo inosti. del SSSR, invar' 1966. 191 p.

EGORYCHEV, N. G. [Fight for communism in the Lenin way] Report at the solemn Moscow session dedicated to the 60th anniversary of V. I. Lenin's birth [The Leninist struggle for communism] Doklad na torzhestvennom zasedanii v Moskve, posviashchennom 60-i godovshchine so dnia rozhdeniia V. I. Lenina. Moskva, Politizdat, 1966. 31 p.

FOMIN, A. D. [Subject of scientific communism; an outline of lectures] Predmet nauchnogo kommunizma; konspekt lektsii. Zaporozh'e, Zaporozhskii gos. pedagog. in-t., 1965. 43 p. (CS1-II)

GALKIN, A. A., and D. E. MEL'NIKOV. [U.S.S.R., Western states and the German question, 1945-1965] SSSR, Zapadnye derzhavy i germanskii vopros, 1945-1965 gg. Moskva, Nauka, 1966. 201 p.

[HANDBOOK FOR THE SECRETARY OF A PRIMARY PARTY ORGANIZATION] Dovidnyk soki otarta pervynoi partii noi organizatsii. Kyiv, Polityvdav Ukrainy, 1966. 302 p.

IAKUBOVSKAYA, S. I. [Formation and development of the Soviet multinational state] Obratovanie i razvitiie soetskogo mnogonatsional'nogo gosudarstva. Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike. I Seria: Istoriia, no. 3)

IVASHCHENKO, V. K. [Lenin's plan for the building of socialism in the U.S.S.R.; a lecture for correspondence students of the Novosibirsk Institute of Cooperative Trade] Leninskii plan postroeniia sotsializma v SSSR; lektsiia dlia studentov-zaochnikov NISKT. Otv. za vyp. I. G. Lashkov. Novosibirsk, Novosibirskii in-t. soetskoi kooperatsionnoi torgovli, 1965. 20 p. (CS1-II)

IVASHCHENKO, M. A. [Frank talk; from the diary of the secretary of a city party committee] Razgovor nachistotu, iz dnevnika sekretaria gorkoma partii. Moskva, Sovetskaya Rossiia, 1966. 93 p.

KHIDOLATOV, GOGO. [Struggle of Afrikan peoples against new forms of colonialism] Mustamlakchilikning langi formalariga qarshi Afrika xalklarining kurashi. Toshkent, Uzbekiston KP Markazii Komitetining birlashgan nashrieti, 1965. 47 p. (Uzbekiston SSR "Bilim" zharnali, no. 30) [In Uzbek]

[KIRGHIZ S.S.R., administrative and territorial division as of April 1, 1959] Administrativno-territorialnoe delenie na 1 aprilia 1959 goda. Izd. 6. Frunze, Kirgizgizizdat, 1959. 78 p. [In Kirghiz and Russian]

KOBRIN, M. M. [The international situation today] Mezhdunarodnoe polozheniie segodnia. Moskva, Znanie, 1965. 31 p. (V pomoshch' zanimalushchimsia v sisteme partinoli uchebu. Biblioteka "U politicheskoi karty mira," no. 1)

KOMMUNISTICHESKAYA PARTIYA SOVETSKOGO SOIUZA. [Statute of the Communist Party of the Soviet Union. Approved by the 22d Congress, with amendments introduced at the 23d Congress of the CPSU] Ustav Kommunisticheskoi partii Sovetskogo Soiuza. Uterzhden XXII s"ezdom, chastichno izmeneniia vneshny XXIII s"ezdu KPSS. Moskva, Politizdat, 1966. 29 p.

KRASHENINNIKOV, A. I. [Colonies find their voices] Kolonii obretaiut golos. Moskva, Znanie, 1966. 126 p.

LAPPO, D. D. Isak Vareika. Moskva, Politizdat, 1966. 68 p.

LVOV. UNIVERSYTET. [Along Lenin's road; on the 60th anniversary of the 2d Congress of the Russian Social Democratic Party] Lenins'kym shliakhom; do 60-lichchia II s'ezdu RSDRP. [Lviv] 1963. 329 p. (CaOTU)

[**MARKISM-LENINISM AS A THEORETICAL BASIS OF THE BUILDING OF COMMUNISM**] Marksizm-Leninizm - teoreticheskaia osnova stroitel'stva kommunizma. Moskva, Vysshaya shkola, 1965. 168 p.

MOSCOW, UNIVERSITET DRUZHBY NARODOV, Kafedra mezhdunarodnogo prava. [Independent Africa in documents] Nezávislá Afrika v dokumentakh. Moskva, 1965. 220 p.

NILOV, A. V. [Marxist-Leninist doctrine on the role of the masses and personally in the historical process; materials for lecturers and propagandists] Marksist-sko-leninskoe uchenie o roli mass i lichnosti v istoricheskomo proiesse, materialy v pomoshch' lektoru i propagandistu. Volgograd, Volgogradskaya obl. organizatsiia ob-va "Znanie," 1965. 65 p. [MICROFILM]

[**OPERATIVE FORCE**, large scale political work among the stockholders of Chuvashia] Delovaya sila; massovo-politicheskaya rabota sredi zhivotnovodov Chuvashii. Moskva, Sovetskaya Rossiia, 1964. 70 p. (CST-H)

[**OUTLINE OF THE HISTORY OF THE TYUMEN' PROVINCE PARTY ORGANIZATION**] Ocherki istorii partiinnoi organizatsii Tiimenskoi oblasti. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 347 p.

[**OUTLINE OF THE HISTORY OF THE VOLGOGRAD PARTY ORGANIZATION**] Ocherki istorii Volgogradskoi partiinnoi organizatsii. [By] K. S. Bogdanova i dr. Volgograd, Nizhne-Volzhskoe knizhnoe izd-vo. Book 1. 1966. 198 p.

RADZHAPOV, I. A. R. [Wonderful fruits of Leninist friendship among the peoples] Klaklar lenincha dostigaynash ozholib mevalari. Toshkent, Uzbekiston KP Markazii Komitetining birleshtgan nashrieti, 1965. 27 p. (Uzbekiston SSR "Bilim" zhurnal, no. 33) [In Uzbek]

STEPANOV, L. V. [Neocolonialism as the strategy and tactics of imperialism] Neokolonializm - strategiya i taktika imperializma. Moskva, Znanie, 1966. 31 p. (V pomoshch' znaniushchelnika v sisteme partiinnoi uchby. Biblioteka "U politicheskoi karty mira," no. 6)

TRUGUNBEKOV, RAFIK. [Development of democratic forms in the work of the Supreme Soviet of the Kirghiz S.S.R. at the present] Razvitiye demokraticeskikh form delatel'nosti Verkhovnogo Soveta Kirgizskoi SSR v sovremennyy period. Frunze, Ilm, 1966. 116 p.

TSAGA, V. F. [Modern pseudoscientific theories of socialism] Sovremennyye psevdonauchnyye teorii sotsializma. Moskva, Mysl', 1966. 260 p.

TUZMUKHAMEDOV, R. A. [Organization of African Unity] Organizatsiia afrikaneskogo edinstva. Moskva, IMO, 1965. 100 p.

[**THE UKRAINIAN S.S.R.**; administrative and political division as of January 1, 1962] Ukrain'ska RSR; administrativno-terytorial'nyi podil na 1 stichnia 1962 roku. Kyiv, Polityvdav Ukrainy. [Supplement to the manual issued in 1962, the changes which have occurred between January 1, 1962, and January 1, 1964] Dodatk do vyidnyka vydanua 1962 roku; zminy stoho vyidnyka za period z 1 stichnia 1962 roku po 1 stichnia 1964 roku. 1964. 71 p.

[**UNDER THE GLORIOUS BANNER OF COMMUNISM AND PEACE**] Pod velikim znamenem kommunizma i mira. Moskva, Pravda, 1966. 430 p. (Biblioteka "Pravdy")

VASILENKOV, P. T. [Elections of Soviet representative organs] Vybory sovetskikh predstavitel'nykh organov. [Moskva] Izd-vo Mosk. univ., 1966. 80 p.

[**YESTERDAY, TODAY AND ALWAYS**] Vchera, segodnia i vsegda. Moskva, Pravda, 1966. 61 p. (Biblioteka "Komsomol'skoi pravdy," no. 3)

ZAKHAROVA, N. V. [Influence of social revolution on the validity of international treaties] Vliyaniye sotsial'noi revoliutsii na silu mezhdunarodnogo dogovora. Moskva, Nauka, 1966. 140 p.

ZHILAEV, I. U. S. [The progressive forces of Costa Rica in the struggle for genuine independence and democratic rights] Progresivnye sily Kosts-Riki v bor'bu za podlinnuyu nezavisimost' i demokraticheskie prava. Moskva, Izd-vo "Znanie," 1966. 46 p. (Novoe v zhizni, nauke, tekhnike VII Seriya: Mezhdunarodnaya, no. 4)

ZIMANOV, S. Z., and A. A. ATISHEV. [Chokan Valikhanov's political opinions] Politicheskoe vzglyady Chokana Valikhanova. Alma-Ata, Nauka, 1965. 247 p.

7. LAW

AKINCHA, N. A. [The suspect and the accused at a preliminary hearing] Podozrovennyi i obviniaemyy na predvaritel'nom sledstvi. Pod obshchey red. A. L. Tsypkina. Sankt-Peterburg, Privolzhskoe knizhnoe izd-vo, 1964. 79 p. (CST-II)

[**BOOK OF QUESTIONS ON LABOR LAW**] Sbornik zadach po trudovomu pravu [By] A. A. Abramova i dr. Moskva, Iuridicheskaya literatura, 1966. 160 p.

BRATUS', S. N., and I. S. SAMOSHCHENKO, eds. [General theory of Soviet law] Obshchaya teoriya sovetskogo prava. Moskva, Iuridicheskaya literatura, 1966. 490 p.

BULATOV, G. G., and B. A. FILIMONOV. [Make the poacher liable, responsibility for illegal hunting] Brakonnika k otvetu, otvetstvennost' za nezakonnuu okhotu. Moskva, Iuridicheskaya literatura, 1966. 60 p.

CHEPELEVETSKII, A. M. [License work of organizations and enterprises] Litsenziionnaya rabota organizatsii i predpriiati. Pod obshchey red. E. I. Arsen'eva. Moskva, TsNIIPI, 1964. 29 p. (DP)

[**CONSTITUTIONS OF THE STATES OF AFRICA**] Konstitutsii gosudarstv Afriki. Moskva, Progress. Vol. 3. 1966. 710 p.

DORKIN, A. I. [Main concepts of Soviet patent law] Osnovnyye ponyatiya sovetskogo izobretatel'skogo prava. Pod obshchey red. V. N. Bakstova. Moskva, TsNIIPI, 1965. 33 p.

GEORGIA. Laws, statutes, etc. [Civil Code of the Georgian Soviet Socialist Republic. Passed at the 4th session of the 6th Supreme Soviet of the Georgian S.S.R. on December 26, 1964] Grazhdanskii kodeks Gruzinskoi Sovetskoi Sotsialisticheskoi Respubliki. Priyat na 4. sessii Verkhovnogo Soveta Gruzinskoi SSR 6 sozyva 26 dek., 1964 g. Tbilisi, Sabchota Sakartvelo, 1965. 378 p. (CST-II)

GEORGIA. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Georgian S.S.R., fourth session, December 25-26, 1964. Verbatim report] Zasedaniya Verkhovnogo Soveta Gruzinskoi SSR shestogo sozyva, chetvertaia sessiia, 25-26 dekabria 1964 goda. Stenograficheskii otchet. [Tbilisi] 1965. 205 p.

GORELIK, I. I. [Liability for exposure to danger under Soviet criminal law] Otvetstvennost' za posylavanie v opasnost' po sovetskomu ugolovnomu pravu. Minsk, Vysshaya shkola, 1964. 100 p.

ILEBAEV, U. I. [Rights and duties of collective farmers, based on materials from the Kirgiz S.S.R.] Prava i obiazannosti kollektivnykh po materialam Kirgizskoi SSR. Frunze, Ilm, 1966. 71 p.

KALINICHEV, F. I. [Soviet legislation in the period of the building of communism] Sovetskoe zakonodatel'stvo v period stroitel'stva kommunizma. Moskva, Mysl', 1966. 100 p.

KARINSKII, S. S. [Material and moral incentives to increase the productivity of labor; legal problems] Material'nye i moral'nye stimuly k povysheniiu produktivnosti truda; pravovyye voprosy. Moskva, Iuridicheskaya literatura, 1966. 223 p.

KAZAKH S.S.R. Laws, statutes, etc. [Collection of regulatory enactments on liability under administrative law] Sbornik normativnykh aktov ob administrativnoi otvetstvennosti. Alma-Ata, "Kazakhstan," 1965. 265 p.

LYOVICH, I. U. A. [Protection of buyers' interests] Okhrana interesov potrobitel'. Moskva, Iuridicheskaya literatura, 1966. 228 p.

MEKHALEVA, N. A., and R. V. VASIL'eva, eds. [New civil law and civil procedure codes of the Union republics; materials from the conference of October 14-16, 1964] Novyye grazhdanskii i grazhdanskii protsessual'nye kodeksy Soluznykh respublik; materialy nauchnoi konferentsii (14-16 oktiabria 1964 g.). Moskva, Vses. nauchno-issl. inst sovetskogo zakonodatel'stva, 1965. 212 p. (CLL)

MILLER, V. O., and E. A. STUMBINA. [Constitutions of the U.S.S.R. and the Latvian S.S.R.; textbook for the 10th grade of high schools] Konstitutsii SSSR i Latvinskoi SSR, probyni uchebnik dlia X klasse srednei shkoly. Riga, Latvinskoe gos. izd-vo, 1960. 112 p.

MOLDAVIAN S.S.R. Constitution. [Constitution (fundamental law) of the Moldavian Soviet Socialist Republic. With amendments and supplements adopted by the 1st, 2d, 3d, 4th, 5th and 6th sessions of the Sixth Supreme Soviet of the Moldavian S.S.R.] Konstitutsiia (osnovnoi zakon) Moldavskoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniami i dopolneniami, priniatymi na 1, 2, 3, 4, 5 i 6 sessiakh Verkhovnogo Soveta Moldavskoi SSR shestogo sozyva. Kishinev, Kartia moldovenaske, 1965. 27 p.

MOLDAVIAN S.S.R. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Moldavian S.S.R., sixth session, October 18, 1965. Verbatim report] Zasedaniya Verkhovnogo Soveta Moldavskoi SSR shestogo sozyva (shestiia sessiia) 18 oktiabria 1965 goda. Stenograficheskii otchet. Kishinev, Kartia moldovenaske, 1966. 103, 95 p. [In Moldavian and Russian]

POLENOV, G. F. [Democratic foundations of the Soviet judiciary] Demokraticheskie osnovy sovetskogo pravosuudia. Alma-Ata, "Kazakhstan," 1965. 43 p.

RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the R. S. F. S. R., sixth session, December 16-17, 1965] Zasedaniya Verkhovnogo Soveta RSFSR shestogo sozyva, shestiia sessiia (16-17 dekabria 1965 g.). Stenograficheskii otchet. [Moskva] Izd. Verkhovnogo Soveta RSFSR, 1966. 223 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Terms for transit transportation of freight between the U.S.S.R. and the Socialist Federal Republic of Yugoslavia on the railroads of the Hungarian People's Republic; effective as of November 1, 1965] Usloviya perovozki gruzov mezhdu SSSR i SFRU tranzitom po zheleznykh dorogam VNR; delstvuiat s 1 noabria 1965 g. Moskva, Transport, 1965. 16 p. (Tarifnos rukovodstvo, no. 27)

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the U.S.S.R., sixth session, October 1-2, 1965. Verbatim report] Zasedaniya Verkhovnogo Soveta SSSR shestogo sozyva, shestiia sessiia (1-2 oktiabria 1965 g.). Stenograficheskii otchet. Moskva, Izd. Verkhovnogo Soveta SSSR, 1965. 278 p.

SHVARTS, Kh. I. [Legal regulation of carriage contracts in automotive transportation] Pravooye regulirovaniye perovozok na avtomobil'nom transporte. Moskva, Iuridicheskaya literatura, 1966. 263 p.

[**SOVIET PENSION INSURANCE**] Sovetskoe pensionnoe obespechenie. Moskva, Iuridicheskaya literatura, 1966. 447 p.

UKRAINE. Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic. With amendments and supplements adopted by the sixth, seventh and eighth sessions of the Sixth Supreme Soviet of the Ukrainian S.S.R.] Konstitutsiia (osnovnoi zakon) Ukrainskoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniami i dopolneniami, priniatymi na shesti, sed'moi i vos'moi sessiakh Verkhovnogo Soveta Ukrainskoi SSR shestogo sozyva. Kiev, Politizdat, 1966. 20 p.

WHITE RUSSIA. Verkhovnyi Sovet. [Fifth session of the Sixth Supreme Soviet of the White Russian S.S.R., June 16-17, 1965. Verbatim report] Platnia sessiia Verkhovnogo Soveta Belorusskoi SSR, shestogo sozyva 16-17 iunia 1965 goda. Stenograficheskii otchet. Minsk, Belarus', 1965. 234 p.

8. EDUCATION

AKADEMIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut psikhologii. [Psychology of the application of knowledge to the solution of educational problems] Psikhologiya primeneniia znaniia k resheniiu uchebnykh zadach. Otv. red. N. A. Menchinskaya. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 414 p. (NBC)

BERZHANOV, KARTBAI. [Russian-Kazakh cooperation in the development of education; a history of education study] Russko-kazakhskoe sotrudchestvo v razvitiu pravosicheniia; istoriko-pedagogicheskoe issledovanie. Alma-Ata, "Kazakhstan," 1965. 341 p.

ESURIN, A. I., and V. A. KISELEV. [Leningrad, the city of sports, a guidebook] Leningrad sportivnyi, spravochnik [Leningrad] Lenizdat, 1965 329 p.

KRUPSKAYA, M. K. [Problems in the communist education of youth] Voprosy kommunisticheskogo vospitaniya molodeli. Izd. 2. Moskva, Politizdat, 1966. 11 p.

LE GASPI DE ARISMENDI, ALICIA. [Pedagogics and Marxism. Translated from the Spanish] Pedagogika i marksizm. Red. i vstup. stat'ia S. M. Shklovskaya. Moskva, Progress, 1965 233 p. (CSL-11)

LENINGRAD, UNIVERSITET. [Connection between school and life] Sviaz' shkol'y s zhizn'iu, sbornik stat'ei [Leningrad] 1966 113 p.

MATVEEV, L. P. [For athletes about sports form] Sportsmenam o sportivnoi forme. Izd. 2, perer. Moskva, Fizkul'tura i sport, 1966 55 p. (Biblioteka sportismana)

MEDVEDEV, A. S. [Your personal record] Tvoi lichnyi rekord. Moskva, Izd-vo "Znanie," 1966. 47 p. (Novoe zhizni, nauke, tekhnike, X Seriya Molodezhnaya, no 3)

MOLDAVIAN, S. S. R. Ministerstvo prosvetsheniia i institut uovrosheniia uchitel' [Honored teachers of the Moldavian S. S. R., pages from the life and work of the honored teachers from the schools of the Moldavian S. S. R.] Zasluzhennyye uchitel'i Moldavskoi SSR, stranitsy iz zhizni i deiatel'nosti zasluzhennykh uchitel'ei shkol' Moldavskoi SSR. Kishinev, Karlia moldovenaske, 1960 348 p. (Poslashechiia vtoromu s'ezdu uchitel'ei Moldavskoi SSR)

[OLYMPIC YEAR Innsbruck 1964, the ninth winter Olympic games, Tokyo 1964, the eighteenth summer Olympic games] Gol Olimpiadskii. Instruk. 1964 davaiye zimnie Olimpiadskie igry, Tokio 1964 vosemndatnye letnie Olimpiadskie igry. Moskva, Fizkul'tura i sport, 1965 481 p. illus.

POLIANSKII, I. I. [Selected educational works] Izbrannyye pedagogicheskie trudy. Pod red. E. L. Rukova, Moskva, Izd-vo Akad. pedagog. nauk, 1962. 173 p. (NDC)

REGELSON, L. M. [Institutions of higher learning and programmed instruction] Vysshaya shkola i programirovannoe obucheniye. [Moskva] Izd-vo Mosk. univ., 1966. 51 p.

SHENSHV, L. V. [Role and place of teaching machines in the system of programmed instruction; materials for the 4th All-Union Conference on Programmed Instruction and the Application of Audio-Visual Equipment] K voprosu o roli i meste obuchalushchikh mashin v sisteme programirovannogo obucheniia, material k IV-i Vserossiiskoi konferentsii po programirovannomu obucheniiu i primeneniui tekhnicheskikh sredstv. Moskva, Pedagogicheskoe obshchestvo RSFSR, 1965. 22 p. [MICROFILM]

[TO RAISE A MAN, A. S. Makarenko's pedagogical system for Pioneer leaders] Chitoy ros chelovek, pedagogicheskaya sistema A. S. Makarenko - tozhalomu, [Moskva] Molodai gvardia, 1966, 287 p. (Dlia tekh, kto rabotaet s pionerami)

TOCHIN, A. E. [Work of the school in the communist education of pupils, from practice] Rabota shkol'y po kommunisticheskoiu vospitaniiu uchashchikhsia, iz opyta. Minsk, Narodnaia osveta, 1965 76 p.

9. MUSIC, THEATER & MOTION PICTURES

ANDRIEVS'KA, N. [Children's operas of M. V. Lysenko] Dytiachi opery M. V. Lysenka. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry USSR, 1962. 74 p. (NH)

CHOPIN, FRYDERYK FRANCZEK. [Letters] Pis'ma. Obshchaya red. A. Solovtsova. Moskva, Muzyka, 1964. 710 p. (CU)

ERMOLOVA, M. N. [Letters. From her literary legacy. Recollections of contemporaries] Pis'ma. Iz literaturnogo nasledia. Vospominaniia sovremennikov. Moskva, Iskustvo, 1966. 493 p. (Mdu)

GOZENPUD, A. A. [Opera dictionary] Opornyi slovar'. Moskva, Muzyka, 1965. 478 p.

GUERQUIN-ROUSSOV, N. [Theater heroique] Heroichnyi teatr. Theatre heroique. London, Natl. Ukrain's'koi vydavnychoi spilki, 1957. 93 p. (NN)

IARMATOV, K. I. A. [Kamil' Iarmatov, people's artists of the U. S. S. R.] Narodnyi artist SSSR Kamil' Iarmatov. [Moskva, Blu o propanday sovetskogo kinokuststva, 1965] 36 p. illus. (Rezhissery sovetskogo kino)

IAUSTOVSKII, B. M., ed. [Intonation and musical image, articles and studies of musicologists from the Soviet Union and other socialist countries] Intonatsiia i muzykal'nyi obraz, stat'i i issledovaniia muzykovedov Sovetskogo Soyuza i drugikh sotsialisticheskikh stran. Pol. obshchii red. B. M. Iaustovskogo. Moskva, Muzyka, 1965. 352 p. (WU)

[IN THE WIDE OPEN SPACES OF OUR FATHERLAND] Na postorakh Otchizny. Moskva, Sovetskaiia Rossiia, 1966. 85 p. (Biblioteka "V pomoshch' khudozhestvennoi samodeiatel'nosti, no 7)

LEBEDINSKII, L. N. [Bashki folk songs and melodies] Bashki skye narodnye pesni i naigi ysht. 2., ispr. i dop. izd. Moskva, Muzyka, 1965 245 p. (CU)

LENINGRAD, GOSUDARSTVENNYI AKADEMICHESKII TEATR OPERY I BALETA. [Leonid Iakobson, creative development of the ballet master, his ballets, miniatures, and performers] Leonid Iakobson, tvorcheskii put' balmeistera, ego balety, miniatyry, ispolniteli. Leningrad, Iskustvo, 1965. 33 p. illus.

LIVSHITS, A. B. [They gave life for their homeland, sketches on composers and musicologists from the Great Patriotic War] Zhizn' za Rodinu svolu, ocherki o kompozitorakh i muzykovedakh v Velikoi Otchesvennoi volnu. Moskva, Izd-vo Muzyka, 1964. 333 p. (WU)

LUNACHARSKAIA-ROZENEL', N. A. [Memory of the heart, reminiscences] Pamiat' serdtsa, vospominaniia. [Izd. 2.] Moskva, Iskustvo, 1965. 477 p.

[MAGIC BROOK, songs about love] Charivnyi strumok, piasni po kokhannia. [Kyiv] Mystetstvo, [1965] 270 p.

MAL'TER, L. I. [Tables on musical instruments; instruments of the symphony orchestra, brass band, popular dance band, and Russian folk orchestra, electric instruments, and singing voices] Tablitsy po instrumentovedeniui, instrumenty simfonicheskogo, dukhovoego, estradnogo i russkogo narodnogo orkestro, elektromumenty, pevcheskie gotosa. Moskva, Muzyka, 1966. 95 p.

MEDVEDEV, M. N. [Leningrad Circus] Leningradskii tsirk. [Leningrad] Lenizdat, 1965. 58 p. (Turistu o Leningrade)

[MOTION PICTURE DICTIONARY IN TWO VOLUMES] Kinostovar' v dvukh tomakh. Red. kolektiva S. I. Iuifevich (glav. red.) i dr. Moskva, Sovetskaiia Ensiklopedia. (Ensiklopedia, slova i spravochniki) Vol. 1. A - L. 1966. 976 columns. illus.

[N. I. MIASKOVSKII; a collection of materials] N. I. Miaskovskii; sobranie materialov. 2. izd. Moskva, Muzyka, 1964. 2 v. (NIC)

[NIKOLAI MARIUSOVICH RADIN; autobiography, articles, performances, letters. Studies and reminiscences of N. M. Radin] Nikolai Mariusovich Radin, avtobiografiia, stat'i, vystupleniia, pis'ma. Stat'i i vospominaniia o N. M. Radine. Moskva, Vsesoi. teatr. ob-vo, 1965 361 p.

POPOVA, T. V. Borodin. 2. izd. Moskva, Gos. muzyk. izd-vo, 1960. 225 p. (Shkol'nata biblioteka) (NIC)

ROZENFELD, S. E. [A story about Shalpin] Povest' o Shalpine. [Leningrad] Lenizdat, 1966. 277 p.

[SCHOOLCHILD'S MUSIC CALENDAR, 1966] Muzykal'nyi kalendar' shkol'nika, 1966. [Moskva, Muzyka, 1965] 1 v.

SMOL'SKII, B. S. [State Academic Choir of the White Russian B. S. S. R.] Gosudarstvennaia akademicheskaiia khorovala kapella BSSR. Minsk, Gos. izd-vo BSSR, Izd. muzykal'noi lit-ry, 1959. 33 p. (NN)

[STAGE DIRECTOR, TEACHER AND FRIEND, a collection of reminiscences. Contemporaries on the work of A. D. Popov] Rezhissery, uchiteli, drug, shornik vospominanii Sovremenniki o tvorchestve A. D. Popova. Moskva, Vsesoi. teatr. ob-vo, 1966. 383 p. illus.

TALLINN, EESTI NSV TEATRI- JA MUUSIKAMUUSEUM. [The composer Konstantin Tannu] Helilooja Konstantin Tannu, 1865-1927. Tallinn, 1965. 1 v. (chiefly illus.) [In Estonian]

UKRAINS'KE TEATRAL'NE TOVARYSTVO. [A word about Hanna Zatykyevych-Karpyn's'ka; reminiscences, articles, materials] Slovo pro Hannu Zatykyevych-Karpyn's'ku, spohady, statii, materialy. Kyiv, Mystetstvo, 1966. 204 p.

VIDULEJA, LIGITA. [Bright settings, pages from the life of Peters Baitsons] Gadan silgas, Petera Baitsona dzives un dailades lapupes, Rigai, Latvijas Valsts izd-va, 1963. 141 p. [In Latvian] (MI)

ZEMENKOV, B. S. [M. S. Shepkin in Mourning] M. S. Shepkin v Moskve. [Moskva] Mosk. rabochii, 1966. 120 p.

10. FINE ARTS

AKADEMIA NAUK SSSR. Institut teorii i iskustva. [History of Russian art] Teoriia i uskustvo izkusstva. Pod obshchiel red. I. E. Gaidarla, V. C. Komenova i V. N. Lazareva. Moskva, Nauka, Vol. 11. Book 1. 1965. 585 p. illus.

ALUPKA, DVORETS-MUZEI. [Alupka State Palace Museum] Gosudarstvennyi Alupkinskii dvorets-muzei Kiev, Mystetstvo, 1966. 1 v. (chiefly illus.)

ANDREEVA, M. V., L. V. ANTONOVA, and O. B. DMITRIEVA. [Stories about three nts] Tri skazy o trekh izkusstvakh. Leningrad, Detskaiia lit-ra, 1965. 238 p. illus.

BADER, O. N. [Kapovaya Cave; paleolithic painting] Kapovaya peshchira, paleoliticheskaiia zhivopis'. Moskva, Nauka, 1965. 31 p. illus. [In Russian and French]

DMITRIENKO, M. I. [Volyn'sque] Volynske. Moskva, Molodai gvardia, 1965. 251 p. (Zhizn' zamechatei'nykh liudi. Seriya biografiia, no. 30(416))

DMYTRENKO, A. F. [Soviet Ukrainian historical painting] Ukraina's'kyi radiatsiia'kyi iatorychnyi zhvyopys Kyiv, Mystetstvo, 1966. 133 p. illus.

GOLOVANOV, N. N. Boris Fedorovich Domashnikov. Leningrad, Khudozhnik RSFSR, 1965. 36 p. illus. (NIC)

GRABAR', I. E. [Early Russian art, studies, restoration and preservation of cultural monuments] O drevnarusskom iskustve, issledovaniia, restavratsiia i okhraiina pamiatnikov. Moskva, Nauka, 1966. 360 p. illus.

IAKIRINA, T. V., and I. D. KARPOVICH. [St. Isaac's Cathedral] Isaikovskii sobor. [Leningrad] Lenizdat, 1965 86 p. illus.

KIEV, ZONAL'NYI NAUCHNO-ISSLEDOVATELSKII I PROEKTYNI INSTITUT TIPOVOGO I EKSPERIMENTAL'NOGO PROEKTIROVANIA ZHILYKH I OSHCHISTVENNYKH ZDANII. [Large-scale housing construction in the Ukrainian S. S. R.] Massovoe zhilishchnoe stroitel'stvo v USSR. Kiev, Budival'nyk, 1966. 169 p.

LENINGRAD, ERMITAZH. [Monuments of Russian culture of the first quarter of the 18th century in the collections of the State Hermitage, a catalogue] Pamiatniki russkoi kul'tury pervoi chetverti XVIII veka v sobranii gosudarstvennogo ordona Lenina Ermitazha; katalog. Leningrad, Sovetskii khudozhnik, [n. d.] 350 p. illus.

LENINGRAD, ERMITAZH. [Painting] Zhivopis'. [Izd. 4.] Moskva, Sovetskii khudozhnik, 1964. [9] p. 50 col. plates. (CU)

- MIKHAILOVA, A.A. [Problem of conventionality in realistic art] Problema uslovnosti v realistsheskoni iskusstve. Moskva, Znanie, 1960. 30 p. (Novoe v zhizni, nauka, tekhnika. VI Seriya Literatura i iskusstvo, no. 6)
- MINSK. INSTITUT STROITEL'STVA I ARHITEKTURY [New cities of White Russia] Noye goroda Belorussii [Minsk] Nauka i tekhnika, 1965. 152 p.
- MOSCOW. GOSUDARSTVENNYI MUZEI IZOBRAZITEL'NOYKH ISKUSTV. [Our museums] Nashi muzei. Moskva, Sovetskii khudozhnik, 1964. 13 p. 48 plates (MIEM)
- NATEV, ATANAS. [Art and society. Translated from the Bulgarian] Iskustvo i obshchestvo. Perevod t posteslovie L. V. Vorob'eva. Moskva, Progress, 1966. 310 p.
- NEKHOROSHEV, I.U. [Formalism is the enemy of progress, an enemy of the truth of life] Formalizm - vrag novatorstva, vrag zhiznennoi pravdy. Leningrad, Khudozhnik RSFSR, 1965. 37 p. (NIC)
- NINE, ALEKSANDER. [Problems of landscape architecture in the Estonian S.S.R.] Maastikuarhitektuuri probleemid Eesti NSV-s. Tallinn, Eesti NSV Teaduste Akad., 1965. 166 p. [In Estonian]
- OSIATINSKII, A.I. [Building of cities along the Volga] Stroitel'stvo gorodov na Volgo. Pod red. V.I. Pil'nyanskogo. [n.p.] Izd-vo Saratovskogo univ., 1965. 190 p.
- POPOVA, L.I., and V.P. PAVLOV. [Soviet Ukrainian art of the 1920's and 1930's] Ukrain'ske indians'tvo nyetiststvo 20-30-kh rokiv. Kyiv, Myastetstvo, 1960. 72 p. illus. (Besidy z istorii nyetiststva)
- RAPOV, MIKHAIL. [Stone tales, treasures of early Russian architecture in Yaroslavl Province] Kamennye skazy. Sokrovishcha drevnei russkoi arkitektury Yaroslavskoi oblasti. Drostavl', Verkhne-Volzhske knizhnoe izd-vo, 1965. 234 p. illus.
- SAKULINA, N.P. [Drawing at the preschool age] Risovanie v doskol'skoi'm detstve. [Moskva] Prosveshchenie, 1965. 212 p. illus.
- SOVESHCHANIYE PO VOPROSAM KONSERVATSII I RESTAVRATSII KHUDOZHESTVENNYKH TSEN-NOSTEI, Moscow, 1966. [Reports and communications of the Conference on the Problems of the Conservation and Restoration of Art Objects] Doklady i sobshcheniya. Moskva, VTSNKKR. Pt. 1. Filalov, V.V., ed. [Painting] Zhiptopis'. [1966] 78 p. Pt. 2. Beilakova, L.A., ed. [Graphic art] Grafika. 1966. 65 p. [MICROFILM]
- [SOVIET PUBLICATIONS ON THE FINE ARTS] Sovetskije izdaniya po izobrazitel'nomu iskusstvu. Moskva, Mezhdunarodnaya kniga, 1966. 100 p. illus. (Katalog dlia zatavok, no. 4, 1966 god)
- STATYVA, O.F. [Nadlia Bilokin', master of decorative painting] Maletel dekorativnoho ozpyssu Nadlia Bilokin'. Kyiv, Myastetstvo, 1966. 11 p. 20 plates (Maistry narodnoi tvorchosti)
- SURIS, B.D. Boris Ugarov. [Leningrad, Khudozhnik RSFSR, 1965] 50 p. illus. (RPB)
- UKRAINSKII GOSUDARSTVENNYI INSTITUT PROEKTIROVANIA GORODOV. [Problems of urban distribution, for the aid of the planner] Voprosy gorodskogo rasseleniya, v pomoshch' proektirovshchiku. Kiev, Duvdivel'nyk, 1964. 74 p.
- VANSLOV, V.V. [All-round development of personality and the forms of art] Vsesoroonoe razvitiye lichnosti i vidy iskusstva. Moskva, Sovetskii khudozhnik, 1963. 109 p.
- ZHADOVA, L.A. [Mexico's monumental painting] Monumental'naya zhiptopis' Meksiki. Moskva, Iskustvo, 1965. 233 p. illus.
11. LANGUAGE, LITERATURE & FOLKLORE
- ABASHEV, V.N. [Chuvash poem] Chuvashskaya poema. Chetvorky, Chuvashskoe knizhnoe izd-vo, 1964. 147 p. (NJP)
- ABDULDAEV, ESENKUL. [Kighiz dialects] Kyrgyz govorlari. Frunze, Ilm, 1966. 125 p. [In Kighiz]
- ABRAMOV, F.A. [Diothers and alsters. Life without father. Stories] Dvatiya i sestiy. Bezotlovahidna, Rasskazy. Moskva, Khudozhestvennaya literatura, 1966. 417 p.
- AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut literatury iazyka. [Molla Nasreddin anecdotes, Translated from the Azerbaijani] Anekdoty Molla Nasreddina. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 338 p.
- AKADEMIYA NAUK GRUZENSKOI SSR, Tbilisi. Institut elektroniki, avtomatiki i telemekhaniki. [Machine translating] Mashinnyi perevod. Tbilisi, Metsintetbi, 1965. 61 p. [In Georgian and Russian]
- AKADEMIYA NAUK MOLDAVSKOI SSR, Kishinev. Institut iazyka i literatury. [Study of Moldavian] Fruchniti moldavskogo iazyka. Kishinev, Kaitla Moldovenaske, 1967. 171 p. (NII)
- AKADEMIYA NAUK SSSR. Institut mirovoi literatury. [Go'kil readings, 1964-1965, Go'kil and Russian literature at the beginning of the 20th century] Go'kovskie chteniya, 1964-1965; Go'kil i russkaya literatura nachala XX veka. Moskva, Nauka, 1966. 398 p.
- AKADEMIYA NAUK SSSR. Institut mirovoi literatury. [History of German literature in five volumes] Istoriya nemetskoi literatury v pyati tomakh. Moskva, Nauka. Vol. 3, 1790-1848. 1966. 565 p.
- AKADEMIYA NAUK SSSR. Institut narodov Azii. [Old Indic aphorisms. Translated from the Sanskrit] Drevne-indiyskie nformy. Moskva, Nauka, 1966. 94 p.
- AKADEMIYA NAUK SSSR. Institut russkogo iazyka [Studies on synonyms in modern literary Russian] Ocherki po sinonimike sovremennoy russkogo literaturnogo iazyka. Moskva, [Nauka] 1966. 225 p.
- AKADEMIYA NAUK UZBEKSKOI SSR, Tashkent. Institut iazyka i literatury. [Studies on the grammar and lexicon of the Turkic languages] Issledovaniya po grammatike i leksike turketskikh iazykov. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 207 p.
- ALEKSEEV, I.U. A. [Along the trail of laughter...] Tropiki smelida. Moskva, Politizdat, 1966. 152 p.
- ALESHIN, S. [To each his own, a play in two acts] Kazhdomu svoe, p'ssa v dvukh delstvakh. Moskva, Otdel rasprostraneniya drammaticheskikh proizvedenii VUOAP, 1965. 70 l.
- ANDREEV, L.G., and A.G. SOKOLOV, eds. [Literary trends of the twentieth century] O literaturno-khudozhestvennykh tacheniyakh XX veka, sbornik statel. [Moskva] Izd-vo Mosk. univ., 1966. 243 p.
- ANTOKOL'SKII, P.G. [Ways of the poets; sketches] Puti poetov; ocherki. Moskva, Sovetskii pisatel', 1965. 470 p. (NIC)
- ANTONOV, S.P. [I'm reading a story] IA chtayu rasskaz. Moskva, Znanie, 1966. 45 p. (Novoe v zhizni, nauka, tekhnika. VI Seriya Literatura i Iskustvo, no. 4)
- ARBUZOV, ALEKSEI. [My poor Mariat, dialogues in three parts] Moi bednyi Mariat; dialogi v trokh chastakh. Moskva, Otdel rasprostraneniya drammaticheskikh proizvedenii VUOAP, 1965. 80 l.
- ARBUZOV, ALEKSEI, and ALEKSANDR GLADKOV. [Unexpected autumn (Immortal); a romantic drama in three parts (new edition of 1965)] Neozhidannaya osen' (besmertnyy); romanticheskiy drama v trokh chastakh (novaya redaktsiya 1965 goda). Moskva, Otdel rasprostraneniya drammaticheskikh proizvedenii VUOAP, 1965. 69 l.
- ARDAMATSKII, V.I. [Grant calls up Moscow] Grant vyzvaet Moskvu. [Moskva] Molodaya gvardiya, 1965. 304 p. (NII)
- ASTAKIOVA, A.M. [Byliny; results and problems of study] Byliny; itogi i problemy izucheniya. Moskva, Nauka, 1966. 290 p.
- BABAKOV, G.A. [Tiger attacks] Tigr nastupil. Perim', Pormoskov knizhnoe izd-vo, 1965. 80 p. (Biblioteka puteshestvii i put'evycheniya, no. 23)
- BAIRAMUKOVA, KH. H. [Confession, verse. Translated from the Kazakh] Ispoved', stikhi. Moskva, Sovetskii pisatel', 1965. 105 p.
- BARMINA, N., M. KOLPAKOV, and A. KOPELJEVICH. [City of those in love, a play in two acts] Gorod vlyublennykh, p'ssa v dvukh delstvakh. Otv. red. A. Polakov. Moskva, Otdel rasprostraneniya drammaticheskikh proizvedenii VUOAP, 1965. 60 l.
- BARTO, A.L. Leshen'ka, Leshen'ka. Moskva, Det'skaya literatura, 1965. 182 p.
- BAUKI, ERFEM. [Night streetcars] Nochnye tramvai. Kishinev, Kaitla moldovenaske, 1965. 120 p.
- DELINSKII, V.G. [The theater] O teatre. Moskva, Gos izd-vo det'skoi lit-ry M-vn pri sov. RSFSR, 1961. 93 p. (V mire det'skogo) (MUD)
- BERULAVA, KH.M. [Silence at Ananuri, verse. Translated from the Georgian] Tishina u Ananuri, stikhi. Tbilisi, Literatura dzhelovncha, 1965. 157 p.
- BES, GAREGIN. [Account zero-zero, a comedy in two acts. Translated from the Armenian] Schet nol'-nol', komediya v dvukh delstvakh. Otv. red. M. Medvedeva. Moskva, Otdel rasprostraneniya drammaticheskikh proizvedenii VUOAP, 1965. 84 l.
- BEZUGLOV, A.A. [An eccentric? A man in love] Chudak? Vlyublennyi. Moskva, Znanie, 1965. 124 p. (Prichit' lovat bludch) (NII)
- BOBROVA, M.N., ed. [The modern foreign short story and novel, articles, analyses, and reports] Sovremennaya zarubezhnaya novella i roman, stat'i, materialy i sobshcheniya. [n.p.] Izd-vo Saratovskogo univ., 1965. 193 p.
- BOGACH, G. [Gor'kii and Moldavian folklore] Gor'kii i moldavskii folklor. Kishinev, Kaitla moldovenaske, 1966. 232 p.
- BOIKO, IURII. [Works of Taras Shevchenko against the bucky and of West European literature] Tvorchest' Tarasa Shevchenka na tli zakhidnoevropeiskoi literatury. Munkh, Ukr. vifnyi univ., 1956. 79 p. (IU)
- BORDZHIAKOV, SHAKHIR. [Thorny path, a tale and sketches. Termaty put', povest' i ocherki, Aelkhabad, Turkmenizdat] 1961. 182 p. [In Turkmen] (MII)
- BRAJIA, SYMON. [Doctor Skaryna in Moscow] Doktor Skaryna u Moskvy. New York, Belarusski Institut navaki i masiatstva, 1963. 32 p. (NN)
- BRATUN', R.A. [Clot of earth] Hrudka zemli. L'viv, Knyzhkovo-zhurnal'no vydv., 1962. 113 p. (NN)
- BRUSHTEIN, ALEKSANDRA. [The dandelion, a tale y tale play in two acts] Odvanchik, p'ssa-skazka v trokh delstvakh. Moskva, Otdel rasprostraneniya drammaticheskikh proizvedenii VUOAP, 1965. 60 l.
- BRUSHTEIN, ALEKSANDRA. [The road leads into the distance...; a trilogy] Doroga ukhodit v dal',..., trilogiya. [Moskva, Det'skaya literatura, 1961] 733 p. (NBC)
- BULGAKOV, A.N. [We shall live, a tale and stories] Budem zhit'; povest' i rasskazy. [Moskva] Molodaya gvardiya, 1965. 142 p. (NIC)
- BURLAK, B.S. [Faced time, a novel] Granenoe vremia; roman. [Chelabinsk] Uzhno-Ural'skoe knizhnoe izd-vo, 1965. 293 p. (NIC)
- BYLINOV, A.I. [Drohot, Shevchenko and I, sketches] Drohot, Shevchenko i ja, ocherki. Moskva, Sovetskii pisatel', 1965. 209 p. (NIC)
- CHEREVICHNIK, LEONID. [Microfantasy] Mikrofantazya. Riga, Ljoana, 1965. 61 p.

- CHERNOV, V.S. [Jump across the Yenisey. As seen by an eyewitness] Pryzhok cherez Enisei. Glazami ochev [Izda. Sibirskoye, Knizhnoe izd-vo, 1965. 75 p. (NIC)]
- CHERNYSHEVSKI, M.G. [Prologue, a novel from the beginning of the sixties] Prolog, roman iz nachala sheshtidetsykh godov. Moskva, Khudozhestvennaya literatura, 1964. 421 p. (CaOTU)
- CHUDAKOVA, V.V. [Siskin, a little bird with character, a tale] Chizhik-puchka s kharakterom, povest'. [Leningrad] Lenzdat, 1965. 542 p. (IU)
- CHUKOVSKAYA, L.E. ["My past and thoughts" by Bertin] "Byloe i dumy" Bertina. Moskva, Khudozhestvennaya literatura, 1966. 180 p. (Massovaya istoriko-literaturnaya biblioteka)
- CHUKOVSKI, K.I. [Topygyn and the fox] Topygin i Lisa. [Moskva, Malysh, 1965] 1 v. (MIU)
- CHURKIN, ALEKSANDR. [Verse and songs] Stikhi i pesni. Moskva, Khudozhestvennaya literatura, 1966. 186 p.
- [THE COLOR OF TEA, stories by writers of Ceylon. Translated from the Sinhalese and Tamil] Tsvet chaya; rasskazy pisatelei Tselona. Moskva, Khudozhestvennaya literatura, 1964. 157 p. (NNC)
- COOPER, JAMES FENIMORE. [The deerslayer or, the first war path. Translated from the English] Zveroboy, ili pervaya tropa voyny. Kiev, Molod', 1934. 519 p.
- DAVIDOV, M.D. [Alenka departs for a fairy tale a New Year's science-fiction performance in 7 scenes with a prologue, a space flight and a holiday, in which all children participate] Alenka otpravlaetsia v skazku, novogodnee fantasticheskoe predstavlenie v 7 kartinakh s prologom, s kosmicheskimi poletom i prazdnikom, v kotorym prinyimayut uchastie vse rebenka. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 30 p.
- DAVIDYCHEV, L.I. [Niurka nicknamed Razboynitsa, a comedy in 2 acts and 6 scenes] Niurka-razboynitsa, komediya v 2 deystviyakh, 6 kartinakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 71 p.
- DIMA, pseud. [The third shore; a fourth book of poetry] Treti bereh, chetverta zbirka poezii. New York, [Ukrainian American Press] 1963. 48 p. (CIY)
- DRAGUNSKI, V.E. [Fire in the wing or, a heroic deed on the ice, a comedy in 2 acts and 6 scenes with songs and dances] Pozhar vo fligle, ili podvig vo l'dakh; komediya v 2 deystviyakh, 6 kartinakh s pesn' i tantami. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 71 p.
- DRENER, THEODOR. [The titan. Translated from the English] Titan. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1959. 589 p. (OU)
- DUBINSKI, I.V. [Zolotaya Lipa; a novel] Zolotaya lipa, roman. Dnepro, Vyd-vo khudozh. lit-ry, 1966. 391 p.
- DUBROVSKI, P. [Crossing of parallel lines, verse] Peresecheniye paralel'nykh; stikhi. Paris, 1965. 60 p. (NIC)
- DVOCHENKO-MARKOVA, E.M. [Russian-Rumanian literary ties in the first half of the 19th century] Russko-rumynskie literaturnye svyazi v pervoy polovine XIX veka. Moskva, Nauka, 1966. 277 p.
- DYKHOVICHNYI, V.A., and M.R. SLOBODSKOI. [Diverse comedies] Raznye komedii. Moskva, Sovetskii pisatel', 1965. 337 p.
- ETIMOV, I.M. [Harmful Fluk, a play for children and their parents] Vrednyi Fluk; p'sea dlya detei i ikh roditel'ei. Otv. red. T. Kandeeva. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 47 p.
- ELAKHOVSKI, S.B., and A.V. SEDOV. [Across the remote mysterious talg] Glukhol poyedomol talgol. [Moskva] Gos. izd-vo Fizkul'tura i sport, 1959. 107 p. (Po rodnym prostroram) (U)
- ELISEEV, IU. [A whole ruble, a tale for the puppet theater in 8 scenes] Nerazmennyi rubl'; skazka dlya teatra kukol v 8 kartinakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 54 p.
- [ENTHUSIASTS OF PRESS DISTRIBUTION, experience of Priens District distributors of the press. Translated from the Lithuanian] Entuziasty rasprostraneniya pechat'i; opyt rasprostraneniya pechat'i Prienskogo raiona. Vilnius, Gazetno-zhurnal'noe izd-vo, 1964. 42 p. (CST-II)
- ESENIN, S.A. [Zarianka, a collection of verse] Zarianka, sbornik stikhotvoreni. [Moskva] Malysh, 1964. 71 p. (PIIU)
- FADEEV, A.A. [The rout; a play in four acts and fifteen scenes by I Prut] Razgrom, p'sea v 4 deystviyakh, 15 kartinakh I Pruta. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 119 p.
- FEDOROVA, M.V. [Lexical and grammatical studies on the history of Russian pronouns] Leksiko-grammaticheskie ocherki po istorii russkikh mestoimeni. Voronezh, Izd-vo Voronezhskogo univ., 1965. 200 p.
- FENENKO, M.V. [Toponymy of the Ukraine in the works of Taras Shevchenko] Toponimika Ukrainy v tvorchestvi Tarasa Shevchenka. Kyiv, Radians'ka shkola, 1965. 126 p. (NCU)
- FINN, KONSTANTIN. [The brigand sisters; a comedy in two acts. Music by composer I.A. Frenkel'] Sestry - razboynitsy; komediya v dvukh deystviyakh. Muzyka kompozitora I.A. Frenkela. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1966. 72 p.
- FRANKO, IVAN. [Four tales: A tale about prosperity. Animal budget. History of a sheepskin coat. Pig's constitution] Chetyry kazky. Kazky pro dobrobyt. Zvirilachyi budzhet. Istoriya kozhukha. Syvyn'ska konstytutsiia. [New York] Novyia [1958] 31 p. (CUB)
- GENZEL, A.O. [The riddle, a play in three acts for the puppet theater] Zagadka, p'sea v trekh deystviyakh dlya teatra kukol. Otv. red. S. Terent'eva. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 51 p.
- GERASIMOVICH, L.K. [Literature of the Mongolian People's Republic, 1921-1964] Literatura Mongol'skoi Narodnoi Respubliki 1921-1964 godov. [Leningrad] Izd-vo Leningr. univ., 1965. 309 p.
- GERMAN, IU.P. [My dear man, a novel] Dorogoi mol chelovek, roman. Moskva, Sovetskii pisatel', 1965. 663 p. (CU)
- GIL'YARDI, N.F. [Heroic deed of Moscow, a chronicle novel] Podvig Moskvy; roman-khronika. [Moskva] Mosk. rabochii, 1966. 319 p.
- GLAZKOV, M.I. [Meditation; verse] Razdum'e; stikhi. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1961. 22 p. (MH)
- GOL'DFELD, VLADIMIR. [Not recommended for mercy; a play in three acts] Snizkhozheniia ne zasluhiyaset; p'sea v trekh deystviyakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 75 p.
- GOLUBEN, MIKHAIL. [Along distant roads] Na dal'nikh dorogakh. Sidney, 1965. 64 p. (NIC)
- GOLUBKOV, V.V., and S.M. PETROV, eds. [L.N. Tolstol in school] Tolstol v shkole. Moskva, Prosveshcheniye, 1965. 397 p.
- GRIGOREV, A.A. [Verse and poems] Stikhotvoreniia i poemy. Moskva, Sovetskii pisatel', 1966. 409 p. (Biblioteka poeta, Malala seriia, izd. 3.)
- GRIGOREV, I.N. [Bitter apples; lyric verse] Gor'kie iabliki; lirika. [Leningrad] Lenzdat, 1966. 121 p.
- [GUIDE TO PERSONAL NAMES OF THE PEOPLES OF THE R. S. F. S. R.] Spravochnik lichnykh imen narodov RSFSR. Moskva, Sovetskaya entsiklopediia, 1965. 263 p.
- GULIA, G.D. [Dmitrii Gulia, a tale about my father] Dmitrii Gulia, povest' o moem otse. [Lzd 2., dep. 1 ispr.] Moskva, Molodaya gva dila, 1965. 264 p. (Zhizn' zamchatel'nykh liudei. Seriia biografii, no. 27(352))
- GURA, V.V. [Evgenii Perimlak; a critical and biographical sketch] Evgenii Perimlak, kritiko-biograficheski ocherk. Moskva, Gos. izd-vo detskoi lit-ry, 1962. 85 p. (NIC)
- GVOZDEV, A.N. [Essays on style in the Russian language] Ocherki po stilistike russkogo yazyka. Izd. 3. Moskva, Prosveshcheniye, 1965. 407 p.
- GVOZDEVA, ANNA. [If the stars light up... stories] Esli zvezdy zazhigaiut... rasskazy. [Kharkovsk] Kharkovskoe knizhnoe izd-vo, 1965. 133 p. (Biblioteka priimurakogo nashego) (NIC) (NNC)
- HABEK, JAROSLAV. [Collected works in five volumes. Translated from the Czech] Sobranie sochinenii v piati tomakh. Moskva, Priyda. Vols. 1-2. 1966. 2 v. (Biblioteka "Ogonok")
- HONCHAR, OLEKSANDER. [Flagbearers, a trilogy] Praporoносai; trylogiia. [Kyiv, Dnipro, 1965] 833 p. (NN)
- HRIVNEVYCH, JAROSLAV. [Assault on Hlucha (a play from the life of the Ukrainian insurrection Army in 4 acts), November stories] Napiad na Hlucha (p'sea z zhyt'ia UPA na 4 diti); Istopovidni opovidanni. [n.p.] Nakladom Tovarystva B. Volakiv U.P.A v Z.D.A. [1965] 23 p.
- HUGHES, LANGSTON. [Selected verse. Translated from the English] Lzbrianye stikhi. Moskva, Izd-vo Progress, 1964. 342 p. (CIY)
- IBRAGIMOV, MIRZA. [According to the laws of beauty] Po zakonam krasoty. Baku, Azerbaidzhanskoe gos. izd-vo, 1964. 319 p. (NIC)
- ISENGALIEVA, V.A. [Turkic verbs with stems borrowed from Russian; derivative verbs formed symbolically and analytically] Turckie glagoly s osnovami, zaimstvovannymi iz russkogo yazyka; proizvodnye glagoly simvolicheskogo i analiticheskogo obrazovaniia. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1966. 244 p.
- IUDITSKI, M. [Bottle of champagne, a drama in 3 acts and 7 scenes] Butylka shampanskogo, drama v 3 deystviyakh, 7 kartinakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 87 p.
- IVANOVA, V.P. A.N. Radtshechev. [Leningrad] Lenzdat, 1965. 41 p. (Uzniki Potropavlovskoi ksepostii) (RFB)
- IZMAILOV, V.A. [Awakened heart] Razbuzhennoe serdce. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1963. 114 p. (Kuzbass literaturnyi, no. 8) (IU)
- KADANOVA, A.M. [Northern odyssey, a lyric comedy-farce in two acts, Verse by Lev Gavrilov and Orest Postanchik. Music by composer Vadim Shapovalov] Severnaya Odiseia; liricheskaia komediya-farsta v dvukh deystviyakh. Stikhi L'va Gavrilova i Oresta Postanchika. Muzyka kompozitora Vadima Shapovalova. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedenii VUOAP, 1965. 98 p.
- KAMENETSKI, L.M., I.S. KOZOROVITSKAYA, and B.O. TIAPKIN. [Proofreading] Korrektura. Moskva, Kniga, 1966. 327 p.
- KARIM, KHANIF. [Two poems. Translated from the Bashkir] Dva poemy. Moskva, Sovetskii pisatel', 1965. 122 p. (IU)
- KARLOV, G.N. [Against the fur; cartoon stories] Proti shersti; iznovevly. [Tambov, Tambovskoe knizhnoe izd-vo, 1962] 31 p.

- KARPLUK, M.A. [My day is eternity; a novel] Den' mli - vli, roman. Kyiv, Radlans'kyl pys'mennyk, 1965. 341 p. (U)
- KASHUTIN, A., and E. VALINA. [Magic island, a fairy tale play in 3 acts and 7 scenes] Volshebnii ostrov; p'esen-skazka v 3 aktakh, 7 karinakh. Sukht V.A. Iosifovi. Otv. red. N. Davydova. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 50 p.
- KATAEV, V.P. [Day of rest, a comedy in three acts] Den' odykha, komediia v trekh deistviakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 78 p.
- KATS, R.E., and E.IU.SAZONOV. [Three swords for three people; a romantic comedy for pioneers in two parts] Tri shpagi na trokh pionerskai romanticheskaia komediia v dvukh chastiakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 70 p.
- KELLERMANN, BERNHARD [The tunnel. The city Anatol. Translated from the German] Tunnel'. Gorod Anatol'. [Leningrad] Lenizdat, 1960. 721 p. (NRU)
- KHALID, RIZA. [Mountain river. Translated from the Tatar] Gornai reka. [Moskva, Sovetskii pisatel', 1965] 118 p. (U)
- KHASANOV, KADYR. [Chokan Valikhanov as Uigur scholar] Chokan Valikhanov kak uiguroved. Alma-Ata, Ob-vo po rasprostraneniui polt. i nauchn. znanii Kazakhskoi SSR, 1963. 87 p. (NNC)
- KHASANOV, MAKHMUD, comp. [Folk songs of the Soviet Dungan] Sovet khuzhu minzhyndi chuz. Frunze, "Ilm" chubanshe, 1965. 114 p. [In Kirghiz]
- KHOMCHENKO, V.F. [Horse shoe, stories] Podkova; rasskazy. Moskva, Voenizdat, 1966. 164 p. [Biblioteka soldata i matrosa]
- KIRPOTIN, V.IA. [Dostoevskii in the sixties] Dostoevskii v sheshtidesiatye gody. Moskva, Khudozhestvennaia literatura, 1966. 558 p.
- KNAZYHNS'KYI, ANTEN. [Lesia Ukrainka in her poetic works] Tvorchyi shliakh Lesi Ukrainky. 2., perekl. vyd. Philadelphia, [Soluz ukrainok Amoryky] 1961. 66 p. (U)
- KOBYLIANSKA, OL'HA. [The earth; a tale] Zemlia, povest'. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 302 p. (CoU)
- KOCHETKOV, G.P. [Road via the heart, a novel] Doroga choroz serdse; roman. Moskva, Sovetskii pisatel', 1966. 285 p.
- KOCHETOV, V.A. [On the plains of the Nevo Lake. Suburb. Professor Malborodov. Nevo Lake] Na nevskikh ravninakh. Predmest'e, Professor Malborodov. Novo-ozero. [Leningrad] Lenizdat, 1965. 489 p. (RPB)
- KOLOMYETS' IURII. [Faceted sun; verse] Hranchaste sonse; poezil. New York, Vyd-vo N'yu-Jorka 'kol grupy, 1965. 70 p. (Cty)
- KONDYRSV, LEV. [The echo; verse] Ekho; stikhi. Moskva, Sovetskii pisatel', 1965. 218 p.
- KONSTANTIN KONSTANTINOVICH, Grand Duke of Russia. [Complete collected works] Polnoe sobranie sochinenii. Paris, Voennai byl', 1965- (NIC)
- KORABEL'NIK, M. [Tale of a buffoon and Tsar Gorokh; a story in 3 acts and 9 scenes from motifs of Russian folk tales] Skaz o skomorokhe i tsare Gorokhe; skazka v 3 deistviakh, 9 karinakh po motivam russkikh narodnykh skazok. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 76 p.
- KOROBITSIN, A.P. [Juan Mercado, avenger from Texas; an historical tale] Khuan Markado - mestitel' iz Tekhase; istoricheskai povest'. [Izd. 2] Moskva, Detskai literatura, 1966. 237 p. [Shkol'naia biblioteka]
- KOSTIUK, IURII. [Playwright and innovator; on the occasion of the 60th birthday of O.E. Kozalichuk] Dramatug-novator; do 60-ricchicia z dnia narozhdenia O.E. Kozalichuka. Kyiv, "Znamia" Ukr. RSR, 1965. 46 p. (CoTU)
- KOTENKO, I.M. [Beyond the Sea of Tsimliansk, a novel] Za morem Tsimlianskim, roman. Moskva, Sovetskai Rossia, 1965. 369 p. (U)
- KOZACHENKO, V. [Diploma] Atestat zilosli. Kyiv, Molod', 1965. 176 p. [Biblioteka khudozhaikh tvoriv dlia pidlikiv ta iuststva "Dzhereho"] (NN)
- KOZHEMAKA, NIKITA. [Tales and legends about giants] Poganyrske skizki i predania. Moskva, Detskai literatura, 1965. 204 p. (MIEM)
- KULEBA, II.I. [Distant lightning; verse] Spalnky, poezil. Kyiv, Molod', 1965. 77 p. (MI)
- KUNDZICH, O.L. [The word and the image; articles of literary criticism] Slovo i obraz, literaturno-krytychni statii. Kyiv, Radlans'kyl pys'mennyk, 1966. 329 p.
- KUTUI, R.A. [I'm making a snowman; stories and a tale] IA lepili snezhnuiu babu, rasskazy i povest'. Moskva, Sovetskii pisatel', 1966. 334 p.
- KUZNETSOV, G.M. [My dear people; stories] Dorogie moi ljudi; rasskazy. Iakutsk, Iakutskoe knizhnoe izd-vo, 1965. 33 p.
- LANSKO, M.Z., and V.I. MOL'KO. [When a heart is troubled, a drama in three acts based on M. Lanskoi's tale] Kogda v serdtsie trevoga, drama v trekh deistviakh po povesti M. Lanskogo. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 70 p.
- LATSIS, M.I. [Unfinished tale. Translated from the Latvian] Neokonchiaina povest'. Moskva, Sovetskii pisatel', 1965. 234 p. (U)
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Valodas un literaturas instituta. [People's poet Ralins, 1895-1965; collection of articles commemorating the centennial of his birth] Taulas dzepnieks Ralins, 1895-1965; rakstu krājums 100 gadu atceret. Riga, Zinatne, 1965. 307 p. [In Latvian]
- LENINGRAD, UNIVERSITET. [Interpretations of the Slavic literatures] Vzaismoviaz slavyanskikh literatur; sbornik statei. [Leningrad] 1960. 161 p.
- LEONOV, L.M. [Road to the ocean; a novel] Doroga na okean; roman. [Moskva] Mosk. rabochii, 1966. 488 p.
- LIAMIN, M.A. [Four years in uniform; a tale about our division. Translated from the Udmurt] Chetyre goda v shkol'nikh, povest' o rodnoi divizii. [Izhevsk] Udmurtia, 1965. 283 p. (NNC)
- LIFSHTIS, V.A. [There was war; tales and stories] Byla volna; povesti i rasskazy. Moskva, Sovetskii pisatel', 1965. 309 p. (NNC)
- LITVINOV, V.M. [A writer begins...; new names in contemporary prose] Pisatel' nachinaet...; novye imena v sovremennoi proze. Moskva, Znaniie, 1966. 47 p. [Novoe v zhizni, nauke, tekhnike. VI Seriya: Literatura i isskustvo, no. 6]
- LODODAMBA, CII. [The transparent Tamir; a novel. Translated from the Mongolian] Prozrachnyi Tamir; roman. Moskva, Progress, 1966. 250 p.
- [LYRICS OF ANCIENT EGYPT. Translated from the Egyptian] Lirika drevnego Egipta. Moskva, Khudozhestvennaia literatura, 1965. 167 p.
- MAL'TINSKI, KH.I. [Strawberries in the palm of the hand; verse. Translated from the Yiddish] Zemlanka na ladoni; stikhi. Moskva, Sovetskii pisatel', 1965. 150 p. (NNC)
- MAMEDOV, ALTAI. [The men; a comedy in four scenes. Translated from the Azerbaidzhan] Muzhohly; komediia v chetyrekh karinakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 89 p.
- MAMLIN, G.S. [The obelisk, a drama] Obelisk, drama. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 75 p.
- MAMLIN, GENNADI. [Miracles at noon; a comedy in two acts] Chudesa v poidei, komediia v dvukh deistviakh. Otv. red. N. Putnisev. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 69 p.
- MANCHEV, PENCHO. [Adventures of Pin-Pin; a fairy tale play for the puppet theater in six scenes. Translated from the Bulgarian] Prikliucheniia Pin-Pina, p'esen-skazka dlia kukol'nogo teata v shesti karinakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 32 p.
- MARINAT, A.R. [Stop the planet! A most unusual event in six scenes. Translated from the Moldavian] Ostanovite planetu! Sovershenno chrezvychnoe prosheshtvie v shesti karinakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 82 p.
- MARKOV, A.IA. [To the road once more] Sнова v dorogu. [Moskva] Mosk. rabochii, 1966. 206 p.
- MARKOV, G.M. [The three, a novel. Translated from the Bulgarian] Trece, roman. Sofia, Izd-vo lit-ry na inostr.azyakh, 1963. 333 p. (CU)
- MARTYSHCHENKO, D.G. [Stoi my night; a play in 3 acts and 7 scenes] Shtormovai noch'; p'esa v 3 deistviakh, 7 karinakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 65 p.
- MATUSOVSKI, M.L. [Songs] Pesni. Moskva, Voennoe izd-vo M.-va oboron SSSR, 1961. 181 p. (NN)
- MAZIN, G., and I. SHAPIRO. [When there aren't any witnesses; a play in three acts] Kogda net svistokoi; p'esa v trekh aktakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 71 p.
- MEL'NIKOV-PECHERSKI, P. [In the mountains; a dramatic composition in three acts by N. Barukov, S. Volkova-Krivusha] Na gozakh, dramaticheskai kompozitsiia v trekh deistviakh N. Barukova, S. Volkova-Krivusha. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 76 p.
- MELNYK, ANDRII. [Mother of God in Ukrainian literature] Maty Bozha v ukrainskii literaturi, narys. Toronto, Vyd-vo oo. Vasylian, 1965. 64 p.
- MINCHIKOVSKI, A.M. [Umbrellas must be spared! A comedy not so much a farce in five scenes] Zoniki nuzhno berezhi! Komediia ne shukha v plati sisenaki. Otv. red. A. Antokolskii. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 69 p.
- MOLDAVSKI, D.M. [About Mikhail Dudin, the blockade, poetry in the war, and our generation] O Mikhailo Dudine, blokada, stikhi na volno i nashem pokolotii. [Leningrad] Lenizdat, 1965. 98 p.
- MONASTYREV, V.A. [Pedestal of honor; tales] P'edestal pocheti; povesti. [Moskva] Molodai gvardiia, 1966. 222 p.
- MOSCOW, PUBLICHNAIA BIBLIOTEKA. [Literary classics of the peoples of the U.S.S.R. (the pre-October period); a recommended index of the literature to assist youth in self-instruction] Knieski khudozhestvennoi literatury narodov SSSR (dookladi'skii period); rekomendatsii nyl ukazatel' literatury v pomoashch' samoobrazovaniu molodezhi. Moskva [Kniga] 1965. 289 p.
- MURAV'EV, V.D. [Adventures of Kol'ka Kocheryzhkin] Prikliucheniia Kol'ki Kocheryzhkina. Moskva, Detskai literatura, 1965. 94 p.
- NAZAROV, IGAT. [The Panfilov Division; a folk drama in three acts] Panfilovtsy; narodnaia drama v trekh deistviakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 91 p.
- NAZAROV, IGAT. [Where are you going, Kryshev? A play in 3 acts] Kuda idesh', Kryshev? P'esa v 3 deistviakh. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1965. 74 p.
- NEKRASOV, D.V. [Camp fires are burning; verse and a poem] Goriat kostry; stikhi, poema. [Magadan] Magadanskoe knizhnoe izd-vo, 1963. 110 p. (U)

- NIKITI', G. [Running after my bus, a comedy in three acts] Dzhendzheny i voliotus, komedii i trekh dzhendzheny. Minsk, Otdel rasprostraneniia dram. i teatral'nogo iskusstva VUOAP, 1965. 73 p.
- NIKITI', A.N. [Crime of Boris Rudenko, Let's talk about the status tales] Prestuplenie kiriva Rudenko. Puzosvishchennye i zvezdnye povesti. [Leningrad] Leningrad, 1966. 356 p.
- NIKOL'EV, V.N. [By the roads of dream and searching, creative life of Le. Kasil'] Drogami mecht i poiska tvorcheskoi zhizni L'va Kasila. Moskva, Detskai lit-ri, 1965. 198 p. (NIC)
- NIKOL'EV, G.E. [Battle on the way a novel] Bitva v puti. Moskva, Gosizd-vo khudozh. lit-ry, 1963. 703 p. (OU)
- NURMAKHANOVA, A.N. [Patterns of the simple sentence in the Turkic languages: grammatical and intentional characteristics based on the Uzbek, Kara-Kalpak, and Kazakh languages] Tip prostogo predlozheniia v turksskikh iazykakh, grammaticheskie i intentsionnye osobennosti na materialakh uzbekskogo, kara-kalpakskogo i kazakhskogo iazykov. Tashkent, Izd-vo "Avangard" USSR, 1965. 153 p.
- ONE-CT PLAYS] Odnokind p'iesy. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1962. 68 p. (Biblioteka samodiat'nogo teatru) (CaOTU)
- OSTROMENTSKAYA, N.F., and N. BROMLEI. [Adventures of a boy with his dog, an historical tale] Prikludy khlopychka s sobachkoj, istoricheskii povest'. Kyiv, Derzh. vyd-vo detskoi lit-ry USSR, 1962. 237 p. (Dla serednego shkol'nogo vku) (NIC)
- OTERO SILVA, MIGUEL. [Five, who remained silent. Translated from the Spanish] Pjaleco, kotoie molchalo. Moskva, Khudozhestvennaja literatura, 1966. 63 p. (Roman-gazeta, no 3(351))
- OUR GREAT BARD SHOULD BE GLORIFIED IN A WORTHY MANNER] Velikomu Kolozarcu - hidnu shanu. Kyiv, Tovarystvo kul'turnykh z'v'iazkiv z ukrainskamy za kordunom, 1965. 127 p.
- OVALOV, L.S. [Instructions of the party. Story of one destiny, novels] Partijnye pouchenie. Istoria odnoi sud'by, romany. Moskva, Sovetskii pisatel', 1966. 629 p.
- [PAT-A-CAKE, Russian folk tales, ditties, diversions] Ladusiki, russkie narodnye skazki, pesenki, poeshki. Moskva, Detskai literatura, 1965. 78 p.
- PETUKHOV, IURII. [To the sea-ocean, a drama in three acts with a prologue. The latest version] K moriu-okeanu, drama v trekh aktakh s protogom. Poslednii variant. Moskva, Otdel rasprostraneniia dram. i teatral'nogo iskusstva VUOAP, 1965. 74 p.
- PLAUDIS, JANIS. [Works in four volumes] Raksti cetros sejumos. Riga, Latvijas Valsts izd-va. [In Latvian] Vols. 1-3. 1964-1965. 3 v.
- [PLAYS FROM THE YUAN EPOCH. Translated from the Chinese] Yuan'skai drama. Leningrad, Iskustvo, 1966. 510 p. (Biblioteka dramaturga)
- PLIEKSANE, ELZA (ROZENBERGA). [Selected works] Izlase. Sasitdusti V. Labrenco. Riga, Liesma, 1965. 376 p. (Publ. under her pseud. Aspazija) [In Latvian]
- PLIEKSANS, JANIS. [Playing and dancing, night of the devil in five acts] Speleju, dancoju, velnu nakts plesos celenos. Riga, Liesma, 1965. 210 p. [Publ. under his pseud. J. Rainis. In Latvian]
- PROKOF'EVA, SOF'IA. [Tale of greedy Serezhka, a play for the puppet theater in 2 acts and 10 scenes] Skazka o zhadnom Serezhe, p'sa dlia teatral'nykh kukol v 2 deistviakh, 10 kartinakh. Otv. red. S. Toren'eva. Moskva, Otdel rasprostraneniia dram. i teatral'nogo iskusstva VUOAP, 1965. 39 p.
- PROKUSHEV, IU, L., ed. [Reminiscences of Sergei Esenin] Vospominaniia o Sergee Esenine, sbornik. [Moskva, Moskovskii rabochii, 1965] 519 p.
- PROZOROV, V.V. [Literary thought of a writer and artist, studies on the creative process of M.E. Saltykov-Shchedrin] O khudozhestvennom myshlenii pisatel'stva, razmyshleniia nad tvorcheskim protsessom M.E. Saltykova-Shchedrina. Pod red. B. I. Pokusheva. [Saratov] Izd-vo Saratovskogo univ., 1965. 87 p.
- PRYMA, T.A. [Shevchenko and the Russian liberation movement] Shevchenko i rossiiskii vyvolnyv tskh. Kyiv, Dnipro, 1966. 179 p.
- PYLYPENKO, LEV. [Shadows of the past, collected stories, novellas and sketches] Tini minuloho, zbitka opovidan', noveli ta narysy. Philadelphia, 1965. 196 p. (MID)
- RABCH, B.F. [Brecht, an account of his works] Brecht Brecht, ocherk tvorchestva. [Moskva, Vsesoy. leatir, ob-vo, 1966] 413 p. (NIC)
- [RAINS, an album] Rainis, [al'bum] Riga, Liesma, 1965. 161 p. (chiefly illus.)
- RATT-KOVALEVA, R. A. [Robert Burns] Robert Burns [3. vyd.] Moskva, Molodaia gvardia, 1965. 340 p. (Zhizn' zamechatel'nykh liudei. Sorita biografiia, no 26(276))
- REPLAKH, S.P. [In your name, verse] Troim imenom; poezii. Kyiv, Molod', 1965. 57 p. (Persha kniha) (IU) (MIU)
- ROZHDESTVENSKI, V.A. [Selected works] Lbiamoe. [Leningrad] Khudozh. lit-ry, 1965. 440 p. (NIC)
- [RUSSIAN FABLES] Russkai basnia [By] A. Kantonil i dr. Moskva, Khudozhestvennaja literatura, 1966. 599 p.
- [RUSSIAN-FRENCH DICTIONARY. Approximately 23,000 words] Russko-frantsuzskii slovar'. Okolo 23 000 slov. Sosl. V.V. Pototskai i N.P. Pototskai. Izd. 10, ispr. i dop. Moskva, Sovetskaiia Entsiklopediia, 1965. 688 p.
- SALTYKOV, M.E. [Gay life and other stories] Razveseloe zhitie i drugie rasskazy. Moskva, Gosizd-vo khudozh. lit-ry, 1964. 174 p. (Massovaii seriia) (CaOTU)
- SARTAKOV, S.V. [Philosopher's stone; a novel] Filosofskii kamen', roman. Moskva, Khudozhestvennaja literatura, 1966. 125 p. (Roman-gazeta, no 7(355))
- SARTAKOV, S.V., and V. VIRSKII. [Ice treasure; a play in three acts] Ledianoi klad, p'sa v trekh deistviakh. Otv. red. A. Kesler. Moskva, Otdel rasprostraneniia dram. i teatral'nogo iskusstva VUOAP, 1965. 82 p.
- SAULESKALNS, VOLDEMARS. [Indian summer, a comedy in three acts. Translated from the Latvian] Bab'e leto, komedija v trekh deistviakh. Otv. red. V. Komisarova. Moskva, Otdel rasprostraneniia dram. i teatral'nogo iskusstva VUOAP, 1965. 80 p.
- SAULITIS, BRUNO. [To the last straight line, a tale. Translated from the Latvian] Do poslednei priamoj; povest'. [Moskva] Molodaia gvardia, 1965. 235 p. (IU)
- SCHASNY, I.S., ed. [Our literature, a chrestomathy for the 6th grade of secondary schools] Rodnaka literatura, khresmatyia dlia V klasa shtrednii shkoly. Vyd. 12. Minsk, Dzlarsz, vychelna-pedagog. vyd-va, 1969. 296 p. (CLU)
- [SCIENCE FICTION, 1965] Fantastika, 1965. [Moskva] Molodaia gvardia. No. 3. 1965. 221 p. (Puteshestviia, priklucheniia, fantastika)
- SCHILLER, JOHANN CHRISTOPH FRIEDRICH, von. [Lyrics. Translated from the German] Lirika. Moskva, Khudozhestvennaja literatura, 1964. 164 p. (Sokrovishcha liricheskoi poezii) (NN)
- SELIVANOV, V.I. [Wedding bells, a tale] Svadebnye kolokola; povest'. Moskva, Sovetskii pisatel', 1966. 288 p.
- SEMENTKHIN, G.A. [Astronauts live on earth; a novel] Kosmonavty zhivut na zemle; roman. Moskva, Voenizdat, 1966. 358 p.
- SEMONOV, L.P. [Selected works. Articles on Osetic literature] Lbiamoe. Stat'i ob osetinskoi literature. Oidzhonkide, Severo-Osetinskoi knizhnoi izd-vo, 1964. 416 p. (NIC)
- SERMAN, I.Z. [Poetic style of Lomonosov] Poeticheski stil' Lomonosova. Moskva, Nauka, 1966. 257 p.
- SHAKESPEARE, WILLIAM. [Hamlet, prince of Denmark, a tragedy. Translated from the English] Hamlet, prints Datski, tragediia. Minsk, Belarus', 1964. 239 p. (NN)
- SHAKESPEARE, WILLIAM. [Works. Translated from the English] Rastal. Vilnius, Vaga. Vol. 6. 1965. 308 p. [In Lithuanian]
- SHARAPKOV, N.S. [Vasvotod Vishnovskii, a critical and biographical sketch] Vasvotod Vishnovskii, kritiko-biograficheski ocherk. Kishinov, Karita moldovenaska, 1965. 132 p.
- SHATROV, S.M. [Big prize, a feuilleton novel] Kipnyi vyglyad, roman-feletony. Moskva, Sovetskii pisatel', 1966. 261 p.
- SHAW, GEORGE BERNARD. [Shaw on theatre. Translated from the English] O dramo i teatru. Moskva, Izd-vo inostr. lit-ry, 1963. 639 p. (KU)
- SHKERIN, M.R. [On the skill of writers] O masterstve pisatel'. 2. dop. izd. [Moskva] Moskovskii rabochii, 1965. 258 p.
- SHLIAKHU, SAMSON. [Thus I saw them... Tale in a folk style... Kishinov, Karita moldovenaska, 1966. 521 p.
- SHNEURSON, L.I. [Verse] Slikhi. Tel Aviv, Am Hasefer. Vol. 1. 1965. 208 p.
- SHOLOKHOV, M.A. [Virgin land unplanned; a drama in three acts. Staged by Petr Demin. Abridged stage version] Podniala telina, drama v trekh deistviakh, inscenirovka Petra Demina. Sokraschennyi stsenicheskii variant. Moskva, Otdel rasprostraneniia dram. i teatral'nogo iskusstva VUOAP, 1965. 78 p.
- SHTEMPLER, I.P. [Grand master's mark, a novel] Groshmeisterkii znak, roman. Moskva, Sovetskii pisatel', 1968. 330 p.
- SHTOK, I.V. [Three dramas and two comedies] Tri dramy i dve komedii. Moskva, Iskustvo, 1965. 389 p. (NIC)
- SILAKOV, A.S. [Alarm! Into the air, a tale] Trevoza! V vozdukh, povest'. Moskva, Voen. izd-vo, 1965. 201 p. (NIC)
- SKYRDA, L.M. [Waiting, verse] Chekamnia; poezii. Kyiv, Molod', 1965. 77 p. (Persha kniha) (CaOTU)
- SMIRNOV, S. [People whom I saw; an heroic drama in 3 acts and 8 scenes with a prologue] Liudi, kotorykh ia videl; gericheskai drama v 3 deistviakh, 8 kartinakh s protogom. Otv. red. O. Dzhibinskai. Moskva, Otdel rasprostraneniia dram. i teatral'nogo iskusstva VUOAP, 1965. 95 p.
- SOKOLOVA, M.N. [The golden tracks, stories] Zolotyie kol'sy, rasskazy. Moskva, Sovetskaii Rossiia, 1965. 92 p. (Korotkie povesti i rasskazy) (NIC)
- SOLODAR', TS. [A day in a restaurant (breakfast, lunch, and dinner with interlocutors); a vaudeville comedy in three acts] Den' v restorane (zavtrak, obed i uzhin s intermediiami); komedii vodevill' v trekh deistviakh. Moskva, Otdel dram. i teatral'nogo iskusstva VUOAP, 1965. 86 p.
- SOLODAR', TS. [Truth of an old dagger; a play in two parts with a prologue for a young audience] Pravda o starom knizhne, p'sa v dvukh chastiakh s protogom dlia iunych zriteloi. Moskva, Otdel rasprostraneniia dram. i teatral'nogo iskusstva VUOAP, 1965. 74 p.
- SOLODNIKOV, G.N. [Ice voyage] Ledovyi reis. [Perm'] Permskoe knizhnoe izd-vo, 1965. 97 p. (Biblioteka puteshestviia i priklucheniia, no. 24)

SOLOV'EV, VLADIMIR. [Denis Davydov, an heroic comedy in 3 acts and 8 scenes] Denis Davydov, gerolicheskaya komediya v 3 deystviyakh, 8 kartinakh. Otv. red. E. Gel'fand. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1965. 79 l.

SOTNIK, IURII. [Just awful! A children's comedy in 2 acts and 9 scenes] Plosko uzhas! Komediya dlya detey v 2 deystviyakh, 9 kartinakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1965. 71 l.

STENDEL, ISRAEL. [El'oi, a novel] El'oi, roman. Tel Aviv, Knigo-Izd-vo "Reshafim," [1961] 303 p.

STEPANOV, N. L. [Nekrasov and Soviet poetry] Nekrasov i sovetskaya poeziya. Moskva, Nauka, 1966. 238 p.

STOROZHEVA, MAIPIA. [Forest of wonders, a tale as a play in six scenes] Les chudes, p'sesa-skazka v shesti kartinakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1965. 66 l.

STRAKEVICH, M. M. [Work on expressive reading during the study of Russian, grades 5-8] Rabota nad vyrazitel'nym chitaniem pri izucheni russkogo iazyka; V-VIII klassy. Pod red. A. V. Tokucheva. Moskva, Prosveshchenie, 1964. 118 p. (Pedagogicheskaya biblioteka uchitel'nykh) (NIC)

SUREEV, P. A. [And mother is still waiting... a novel] A mat' vse zhdet. ; roman. Moskva, Sovetskaya Rossiya, 1965. 294 p. (WU)

SYCHEV, P. A. [Grent typhoon, a tale] Votki tyfon, povest'. Moskva, Sovetskii pisatel', 1960. 370 p.

[TALES dear sister Alenushka and brother Ivanushka, The white duckling] Skazki Sestitsa Alenushka i bratitsa Ivanushka, Belaya ukladka. [Moskva] Izd. glavnogo upr. "Giznak" M-va finansov SSSR [1965] 11 p. illus.

TAL'MAN, R. O., and ABDULLODZHAN IUNUSOV. [Rudaki, a bibliography] Rudaki, ukazatel' literatury. Otv. red. A. M. Mikhov. Dushanbe, M-vo kul'tury Tadzhikskoi SSR, 1965. 217 p.

T. LYBZADZ, KAMAL. [Azerbaijani literary criticism of the 20th century, 1905-1917] XX vek Azerbaydzhani edebi tengidi (1905-1917-eli ilay), Bakı, Azerbaydzhani SSR elmler akademiyası nəşriyyatı, 1968. 535 p. [In Azerbaijani]

TOLSTOI, A. N. [Nikola's childhood] Detstvo Nikity. Moskva, Gos. Izd-vo det'skoi lit-ry, 1959. 125 p. (OU)

TOLSTOI, L. N. [Childhood, boyhood, youth] Detstvo, otchestvo, iunost'. Moskva, Izd-vo Khudozh. lit-ry, 1964. 320 p. (NBuU)

TOLSTOI, L. N. [Three bears] Tri medvedia. Moskva, Gos. Izd-vo det'skoi lit-ry, 1959. 12 p. (Mol pervye knizhki) (WU)

[TOLSTOI AS EDITOR, publication of works edited by L. N. Tolstoy] Tolstoy - redaktor; publikatsii redaktorskikh rabot L. N. Tolstogo. Moskva, Kniga, 1965. 328 p.

UKRAINKA, LESIA. [Lolita, a fairy tale] Lolita, kazka. Kyiv, Dnipro, vyd-vo dyt'noho lit-ry URSR, 1950. 20 p. (Dlia doshki'noho viku) (WU)

URNEVICHUTE, DALIA. [Call me mother; a drama in two parts with a prologue. Translated from the Lithuanian] Nazyvai menia mamo! drama v dvukh chastakh s prologom. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1965. 75 l.

USTINOV, L. E. [City without love; a tale in two acts] Gorod bez lyubvi; skazka v dvukh deystviyakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1965. 70 l.

VASIL'EV, P. N. [Selected works; verse and poems] Izbrannoe, stikhi i poemy. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1964. 173 p. (WU)

VINOCHUROV, E. M. [Furthest boundaries] Zemnnye granitsy. Moskva, Sovetskaya Rossiya, 1965. 198 p. (Poeticheskaya Rossiya) (NNC) (RPD)

VLADIMIRSKAYA, A. R. [Nikolai I. Auct. Leningrad, 15-kuznetso, 1965. 127 p. (WU)]

VOLINA, M. G. [Barfooted bird, a fairy tale play in two acts based on Kara-Kum folkloric motifs] Bessnaya ptitsa, p'sesa-skazka v dvukh deystviyakh po motivam kara-kumskogo folklora. Otv. red. N. Divyдова. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1965. 54 l.

VOLKOV, VITALII. [Dovbush, a novel] Dovbush, roman. Wimpieg, Tizyub, 1961. 301 p.

VORONOV, I. U. [Power of life, articles, sketches, verse] Sila zhizni, stat'i, chertki, stikhi. Moskva, Pravda, 1966. 79 p. (Biblioteka "Komsomol'skoi pravdy," no 2)

VOVK, P. V., comp. [The bell, a reader for declamation] Dzvniok, chytatel'-lektator. Kyiv, Radnans'ka shkola, 1959. 331 p. (Stikhi na biblioteka) (WU)

VOVK, VIRA. [Youth] Yunost'. [2., 2nd ed.] Munich, "Melodie zhiviti," 1954. 60 p. (NN)

WARMINSKI, JANUSZ. [Melodrama, a play in three acts. Translated from the Polish] Melodrama, p'sesa v trekh deystviyakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1965. 84 l.

[YOUNG MAN; a literary collection] Molodoi chelovek, literaturno-khudozhestvennyi sbornik. [Perm'] Permskoe kulzhnoe Izd-vo. No. 4. 1965. 206 p.

ZAK, A. G., and I. K. KUZNETSOV. [Yesterday, in Kazakhstan... (Two colors); a play in two acts] Vchera, v Kazakhstane... (Dva tsvetila), p'sesa v dvukh deystviyakh. Otv. red. V. Molnarova. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1965. 83 l.

ZHDANOV, H. G. [Glorious October events. The novel "Wind of the century" A tale Stories] Dzhelokonda Oktabri'skie byti. Roman "Vetev veka." Raskazy. [Moskva] Mosr. izobchil, 1968. 487 p.

ZHELEZNIKOV, V. K. [Lost boy? A comedy in three acts] Propal mal'chik? Komediya v trekh deystviyakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1965. 74 l.

ZINDER, L. R., and T. V. STROEVA. [Historical phonetics of the German language, a textbook for students attending pedagogical institutes and universities] Istoricheskaya fonetika nemetskogo iazyka, posobie dlya studentov pedagogicheskikh institutov i universitetov. Moskva, Prosveshchenie, 1965. 191 p.

ZORIN, LEONID. [The clerk, a play in 2 acts] Paluba, p'sesa v 2 deystviyakh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1965. 67 l.

ZUBAVIN, B. M. [Singed dawns, selected stories and a tale, 1943-1963] Opalennyye zori, izbrannyye rasskazy i povest', 1943-1963. Moskva, Voen. Izd-vo, 1964. 357 p. (WU)

12. GEOGRAPHY & GEOLOGY

AKADEMIYA NAUK KIRGIZSKOI SSR, Frunze, Otdel geografii. [Geographical research on the alpine depressions of Kirghizistan in connection with their reclamations] Geograficheskie issledovaniya vysokogornyykh vpadin Kirgizii v svyazi s ikh osvoeniem. Otv. red. D. I. Isaev. Frunze, Ilim, 1965. 161 p. (NIC)

AKADEMIYA NAUK SSSR, Dal'nnevostochnyi filial, Vladivostok. [Geomorphology, paleogeography, geology, and minerals of the Amur Valley] Geomorfologiya, paleogeografiya, poleznye iskopaemye Primuriya. Khabarovsk, 1964. 114 p.

AKADEMIYA NAUK SSSR, Institut okeanologii. [Expedition ship "Academician S. Vavilov," her maiden Mediterranean voyage of 1959; bottom relief] Ekspeditsionnoe sudno "Akademik S. Vavilov," pervyy Sredizemnomorskii reis 1959 g.; rel'ef [sic] dna. Moskva, 1961. 58 p. chit'nyy map, charts. (Ile: Materialy okeanologicheskikh issledovaniy) (NNC)

AKADEMIYA NAUK SSSR, Institut okeanologii. [Geomorphological map of the bottom of the Sea of Okhotsk] Geomorfologicheskaya karta dna Okhotskogo morya. Sost. G. B. Ushakov. [Moskva] 1957. fold. map. (ICRL)

AKADEMIYA NAUK SSSR, Sibirskoe otdelenie, Institut geologii i geografii. [Mesozoic and Paleogene sporopollen complexes of Western Siberia] Sporopoll'nyye komplekсы mezozoya i paleogena Zapadnoi Sibiri. Moskva, Nauka, 1966. 71 p.

AKADEMIYA NAUK SSSR, Sibirskoe otdelenie, Institut geologii i geografii. [Quaternary of Siberia] Chetvertychnyy period Sibiri. Moskva, Nauka, 1966. 412 p.

AKADEMIYA NAUK SSSR, Sibirskoe otdelenie, Sibirskii nauchno-issledovatel'skii institut otergl'ekt. [Physiogeology of the Kuldud Steppe and adjacent regions] Gidogeologiya Kulundy i prilegayushchikh rayonov. Novosibirsk, Izd-vo "Nauka", Sibirskoe otdelenie, 1965. 141 p. fold. chart (insert)

AKADEMIYA NAUK UZBEKSKOI SSR, Tashkent, Institut geologii i geografii. [Stratigraphy of the Uzbek S.S.R. S.S.R.] Stratigrafiya Uzbekskoi SSR. Tashkent, Nauka. Book 1. [The Paleozoic] Paleozoi. 1965. 304 p.

[ARRIVAL AND DEPARTURE ON THE SAME DAY; a travel sketch] Den' pri'ezha, den' ot'ezha - odin den' pulevoi ocherk. Moskrat, Sovetskii pisatel', 1965. 177 p.

BAIDIN, S. S., ed. [Hydrology of the estuary region of the Neva] Gidrologiya ust'evoi oblasti Nevy. [By] N. A. Skaptunov i dr. Moskva, Gidrometeoizdat, 1965. 382 p.

[BLACK SEA COAST OF THE CAUCASUS] Chernomorskoe poberezh'e Kavkaza. Moskva, Proiz, 1967. 75 pages [Parallel texts in 5 languages]

BOGOVALENSKII, G. P., N. D. SMIRNOVA, and I. S. IUN'EV. [Here come the clouds; advice to young teachers living in regional studies] Itak kuznashchik! nyez sovety lyubym mu istam-kh avedam. [Moskva] Molodai gvaridiya, 1965. 154 p.

[CAPITALS OF THE WORLD, Europe, Asia, Africa, America, Australia, and Oceania. A political economy reference book] Stoitsay stran mira: Evropa, Azia, Afrika, Amerika, Avstraliya i Okeaniya, politiko-ekonomicheskiy spavochnik. Moskva, Polizdat, 1965. 317 p.

DANTSIG, B. M. [Russian travelers in the Near East] Russkie puteshestvenniki na Blizhnem Vostoke. Moskva, Mysl', 1965. 270 p.

[EARTHQUAKES IN THE U.S.S.R. IN 1963] Zemletrясeniya v SSSR v 1963 godu. Moskva, Nauka, 1966. 201 p.

[FOR A CLOSE RELATIONSHIP BETWEEN GEOLOGICAL SCIENCE AND PRODUCTION. Participants in the discussion: V. A. Pavlyagin, A. V. Shcherbakov and D. I. Shcherbakov] Za tsnnyy svyaz' geologicheskoi nauki s proizvodstvom. V besede uchastvuyut V. A. Pavlyagin, A. V. Shcherbakov, D. I. Shcherbakov. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika. XII Seriya: Nauka o zemle, no. 1)

GEICHENKO, S. S. [Trigorskoye; a brief guide] Trigorskoye, kratkii putevoditel'. Leningrad, Khudozhnik, RSFSR, 1965. 10 p. (NIC)

GORETSKII, G. I. [Formation of the Volga Valley in the Early and Middle Quaternary, alluvium of the Proto-Volga] Formirovaniye doliny r. Volgi v rannem i srednem antropogene; alluvii Pra-Volgi. Moskva, Nauka, 1966. 411 p.

IVANNIKOV, O. V. [Geology of the region of the Kanev dislocations] Geologiya raiona kanvskikh dysslokatsii. Kyiv, Naukova dumka, 1966. 94 p.

KAVRISHVILI, K. V. [Physiogeographical characteristics of the environs of Tiflis] Fiziko-geograficheskaya kharakteristika okrainosti Tbilisi. Tbilisi, Motenlebeba, 1965. 161 p. illus.

KRIL'LOV, I. F., and A. A. RYBNIKOV. [On a winter boat around Antarctica] Na kitoboltsu vokrug Antarktidy. Leningrad, Gidrometeoizdat, 1960. 77 p. (Na suzhe, v more, v vozdukh)

KONDRAT'EV, F. G. [Our streets] Nashi ulitsy. [Petrozavodsk] Karelskoe knizhnoe izd-vo, 1965. 160 p. illus., fold. map. (CS-II)

LAPOVNOGOV, A. N. [The Dnieper, a manual for teachers] Dnepr, posobie dlia uchitelia. Moskva, Prosveshchenie, 1985. 101 p.

LEBEDEV, V. G. [Basic problems and recent theories on geomorphology, selected lectures] Osnovnye problemy i novishie teorii geomorfologii, izbrannye lektsii. [Sarátov] Izd-vo Sarátovskogo univ., 1965. 123 p.

LENINGRAD VSESOUZNYI NAUCHNO-ISLEDOVATELSKII GEOLOGICHESKII INSTITUT [Geology of the Siberian Platform] Geologiya Sibirskoi platformy. Pod red. I. I. Krasnova, M. L. Lur'e i V. I. Maslitsa. Moskva, Nedra, 1966. 447 p.

LISITSYN, A. P. [Processes of recent sediment formation in the Bering Sea] Protsessy sovremen-nogo osadkoobrazovaniia v Beringovom more. Moskva, Nauka, 1966. 573 p.

LOSEV, K. S. [Avalanches of the U.S.S.R., their distribution, regionalization, and forecasting possibilities] Laviny SSSR, rasprostraneniye, raionirovaniye, vozmozhnosti prognoza. Pod red. V. L. Shul'isa i N. F. Drozdovskoi. Leningrad, Gidrometeoizdat, 1966. 129 p.

MOTOROV, A. V. [Geography of the Mari A.S.S.R., a textbook for the 8th grade of eight-year and secondary schools] Geografiia Mariiskoi ASSR, uchebnoe posobie dlia 8 klassa vos'miletnei i srednei shkoly. Izd. 2, ispr. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1965. 41 p. illus., maps (2 fold. in pocket). (CS-H)

NOVOE VREMIA. [Atlas of "Novoe Vremia", supplement to the journal "Novoe Vremia"] Atlas Novogo vremeni, prilozhenie k zhurnalu "Novoe vremia." No. 3. [24 maps of the countries of America]. 24 karty stran Ameriki. [n. p. 1965] 48 p.

POPOVA, G. Z. [Ring and linear morphostructures of the Kazakhstan fold area] Kol'tsevye i lineinye morfostruktury Kazakhskoi skladchatol'noy sirany. Alma-Ata, Nauka, 1966. 209 p.

POSOKHOV, E. V. [Formation of the chemical composition of underground waters; basic factors] Formirovaniye khimicheskogo sostava podzemnykh vod, osnovnye faktory. Leningrad, Gidrometeoizdat, 1966. 237 p.

PRISHINKOV, V. S., and S. F. VVEDENSKII [On the Volga River, a guidebook] Po Volge, putevoditel'. Moskva, Sovetskaya Rossiia, 1966. 218 p.

RIKHTER, G. D., and A. G. CHIKISHEV [The north of the European part of the U.S.S.R., studies of nature] Sever Evropeiskoi chasti SSSR, ocherki prirody. Moskva, Mysl', 1966. 236 p.

RODIONOV, V. N. [Africa at the crossroads of centuries] Afrika na styke stoletii. [Leningrad] Lenizdat, 1965. 225 p. (CS-H)

[STUDY OF THE GEOLOGY OF THE U.S.S.R.] Geologicheskaya izuchennost' SSSR. Moskva, Nauka, Vol. 14. [R. S. F. S. R.: Central Urals, period 1951-1955] RSFSR Srednii Ural, period 1951-1955. No. 1. [Published literature] Opublikovannyye raboty. 1955. 189 p.

Vol. 19. [R. S. F. S. R.: Altai Territory and Kemerovo Province; period 1951-1955] RSFSR Altai i krai i Kemerovskaya oblast'; period 1951-1955.

No. 1. [Published literature] Opublikovannyye raboty. 1955. 184 p.

Vol. 29. [R. S. F. S. R.: Khabarovsk Territory, Amur Province, period 1951-1955] RSFSR Khabarovskii krai, Amurskaya oblast'; period 1951-1955.

No. 1. [Published literature] Opublikovannyye raboty. 1955. 106 p.

Vol. 29. [R. S. F. S. R.: Maritime Territory; period 1951-1955] RSFSR Primorskii krai; period 1951-1955.

No. 1. [Published literature] Opublikovannyye raboty. 1955. 108 p.

TRUSOVA, I. F., and V. I. CHERNOV. [Petrography of igneous and metamorphic rocks; syenites and nepheline syenites] Petrografiia magmaticheskikh i metamorficheskikh porod; slenit i nefelinovye slenit. Moskva, Mosk. geologorazvedochnyi in-t im. S. Ordzhonikidze, 1965. 24 p.

VSESOUZNOE LITOLOGICHESKOE SOVESHCHANIE. 5th. Tiflis, 1963. [Volcanic sedimentary formations and mineral resources, according to materials of the 5th All-Union Lithological Conference, Tbilisi, 1963] Vulkanogenno-osadocnyye formatsii i poleznye iskopaemye po materialam... Moskva, Nauka, 1965. 221 p.

VSESOUZNOE SOVESHCHANIE PO TSEOLITAM, 2d. Leningrad, 1964. [Zeolites, their synthesis, properties, and use, materials] Tseolity, ikh sintez, svoystva i primeneniye, materialy. Moskva, Nauka, 1965. 394 p.

VSESOUZNOE VULKANOLOGICHESKOE SOVESHCHANIE. 2d. Petropavlovsk-Kamchatskiy, 1964. [Transactions of the Second All-Union Volcanological Conference] Trudy. Moskva, Nauka. Vol. 2. [Volcanic and volcano-plutonic formations] Vulkanicheskie i vulkano-plutonicheskie formatsii. 1966. 293 p.

VSESOUZNYI GLAFSIOLOGICHESKII SIMPOZIUM, 3d. [Abstracts of papers of the Third All-Union Glaciological Symposium] Tezisy dokladov... Frunze, Akad. nauk Kirgizskoi SSR, 1965. 105 p.

ZAPLATIN, M. A. [With the Northern Urals in the objective] V ob'ekte - ual'skii sever. [Perm'] Permskoe knizhnoe izd-vo, 1965. 142 p.

ZAVIT'ALOV, V. A. [Geochemistry and microelements of the Donianic sediments in the southern part of the Timan Range region] Geokhimiia i mikroelementy donianikovykh otlozhenii Uzhnogo Priliman'ia. Moskva, Nauka, 1966. 155 p.

ZKIIUS, I. D. [Clay minerals and their paleogeographic significance as revealed by a study made in some oil- and gas-bearing regions in the southern part of the U.S.S.R.] Glinistyie mineraly i ikh paleogeograficheskoe znachenie, na primere nekotorykh neftegazonosnykh raionov Uga SSSR. Moskva, Nauka, 1966. 278 p. illus.

ZOTOV, A. N., and others. [Cities of Uzbekistan] Goroda Uzbekistana. Tashkent, "Uzbekistan," 1965. 286 p. map (insert)

13. SCIENCE

[ACHIEVEMENTS OF SCIENCE: mathematical analysis, 1964] Ilogi nauki matematicheskii analiz, 1964. Moskva, 1966. 236 p. (Serita: Matematika)

AINBERG, V. D., E. T. GAVRILENKO, and L. L. SABSOVICH [Programming of the Ural-type computers: Ural-2, Ural-3, Ural-4] Programmirovaniye dlia elektronnykh vychislitel'nykh mashin tipa Ural: Ural-2, Ural-3, Ural-4. Moskva, Nauka, 1966. 367 p. (Fiziko-matematicheskaya biblioteka inzhenera)

AKADEMIA NAUK KIRGIZSKOI SSR, Frunze. [Melanobiosis in animals and plants] Obmen veshchestv u zhivotnykh i rastenii. Frunze, Ilim, 1966. 150 p.

AKADEMIA NAUK KIRGIZSKOI SSR, Frunze. Institut biologii. [Geobotanical studies in Kirghizia] Geobotanicheskie issledovaniya v Kirgizii. Pod red. I. V. Vykhodtseva. Frunze, Ilim, 1966. 114 p.

AKADEMIA NAUK SSSR. Botanicheskii institut. [Trees and shrubs of the U.S.S.R.] Dorov'ia i kustarniki SSSR. Moskva, Nauka. Vol. 7. S. I. A. Sokolov and O. A. Sviazeva. [Geography of the woody plants of the U.S.S.R.] Geografiia drevnykh rastenii SSSR. 1963. 288 p.

AKADEMIA NAUK SSSR. Institut biologicheskoi fiziki. [Effect of space flight factors on functions of the central nervous system] Vlianiye faktorov kosmicheskogo poleta na funktsii tsentral'noi nervnoi sistemy. Moskva, Nauka, 1966. 271 p.

AKADEMIA NAUK SSSR. Institut geokhimi i analiticheskoi khimii. [Analytical chemistry of the elements] Analiticheskaya khimiia elementov. Moskva, Nauka, 1965. 2 v. (NIP)

AKADEMIA NAUK SSSR. Institut mikrobiologii. [Soil microflora of the southern part of the U.S.S.R.] Mikroflora pochvy juznoi chasti SSSR. Moskva, Nauka, 1966. 262 p.

AKADEMIA NAUK SSSR. Institut morfologii zhivotnykh. [Ecology and physiology of the diapause of Colorado beetle (Lepidoptera: decemlineata Say.)] Ekologiya i fiziologiya diapauzy koloradskogo zhuka (Lepidoptera decemlineata Say.). Moskva, Nauka, 1966. 262 p.

AKADEMIA NAUK SSSR. Okeanografiicheskaya komissia. [Physiology of marine fauna] Fiziologiya morskikh zhivotnykh. Moskva, Nauka, 1966. 253 p.

AKADEMIA NAUK TADZHIKSKOI SSR, Dushanbe. Fiziko-tekhnicheskii institut. [Studies on boundary value problems in the theory of functions and differential equations] Issledovaniya po kraevym zadacham teorii funktsii i differentsial'nykh uravnenii. Dushanbe, Izd-vo Akad. nauk Tadzhikskoi SSR, 1965. 126 p.

AKADEMIA NAUK URSS, Kiev. [Adaptive characteristics of the circulatory and other organic systems in mammals and birds] Adaptivnye osobennosti krovenosnoi i drugikh sistem organov u mlekopitavushchikh i ptits. Kiev, Naukova dumka, 1965. 129 p. (Respublikanskiy mezhdunarodnyi sbornik. Serita "Problemy zoologii")

AKADEMIA NAUK URSS, Kiev. [Interaction between charged particle beams and a plasma] Vzaimodelstvie puchkov zaryazhenykh chastits s plazmoi. Kiev [Naukova dumka] 1965. 273 p. (Respublikanskiy mezhdunarodnyi sbornik. Fizika plazmy i problemi upravlyaniya lei molodoi nogo silera)

AKADEMIA NAUK URSS, Kiev. [Proteins in medicine and the national economy, blood proteins, glucose oxidase] Belki v meditsine i narodnom khoziaistve, belki krovi, glukozooksidaza. Kiev, Naukova dumka, 1965. 247 p. (Respublikanskiy mezhdunarodnyi sbornik. Serita: "Molekulyarnaya biologiya")

AKADEMIA NAUK UZBEKSKOI SSR Tashkent. Institut matematiki. [Theory of functions and differential equations] Teoriia funktsii i differentsial'nykh uravnenii. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR, 1965. 217 p.

AKIMTSEV, V. V., Z. M. MITLIN, and I. I. SMOL'IA-NINOV. [Soils and human health] Pochvy i zdorov'ie cheloveka. Moskva, Izd-vo "Znanie," 1966. 47 p. (Novoe v zhizni, nauka i tekhnika. VIII Serita Biologiya i meditsina, no. 4)

ALOV, I. A., A. I. BRAUDE, and M. E. ASPIZ. [Principles of functional cell morphology] Osnovy funktsional'noi morfolologii kletki. Moskva, Meditsina 1966. 414 p.

BALDIN, A. M. [Electromagnetic interactions in the quark model] Ob elektromagnitnykh vzaimodelstviakh v modeli kvarkov. Dubna, Ob'edinennyi in-t iadennykh tsil., 1966. 8 p.

BELLMAN, RICHARD. [Applied dynamic programming. Translated from the English] Prikladnoye zadachi dinamicheskogo programmirovaniia. Moskva, Nauka, 1965. 457 p. (CSImor)

BERNARD, EUGENE E., ed. [Problems of bionics; biological prototypes and synthetic systems. Translated from the English] Problemy bioniki; biologicheskie prototipy i sinteticheskie sistemy. Moskva, "Mir," 1965. 560 p. (CSImor)

BOICHENKO, G. A. [Axisymmetric problems in the theory of elasticity] Osesimmetrichnye zadachi teorii uprugosti. Red. E. P. Kudriavtsov. Moskva, Mosk. energ. in-t, 1965. 43 p.

BRILKINA, T. G., and V. A. SHUSHUNOV. [Reactions of organometallic compounds with oxygen and peroxide] Reaktsii metalloorganicheskikh soedinenii s kislorodom i perekislami. Moskva, Nauka, 1966. 285 p.

DRONSKI, A. P. [Theory of elasticity, methods text for 4th and 5th year students of mechanics and mathematics and physics and mathematics faculties of state university correspondence sections] Teoriia uprugosti; metodicheskoe posobie dlia studentov IV, V kursov mekhaniko-matematicheskikh i fiziko-matematicheskikh fakul'tetov zaochnykh otdelenii gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1962. 64 p. diagra. (RIP)

DUCHHOLZ, WERNER, ed. [Planning a computer system; project STRETCH. Translated from the English] Proektirovaniye sverkhystroistvennykh sistem; kompleks STRETCH. Moskva, "Mir," 1965. 347 p. (CSImor)

CHEVRENIDI, S. KH. [Tannin plants of Central Asia] Dubnyie rasteniia Srednei Azii. Tashkent, Nauka, 1965. 328 p.

[COMPLEX SPACES; a collection of translations] Kompleksnye prostranstva; sbornik perevodov. Pod red. A. B. Zhizhenko i A. L. Onishchik. Moskva, Mir, 1965. 320 p.

DARWIN, SIR GEORGE HOWARD. [The tides and kindred phenomena in the solar system. Translated from the English] Priliv i roditvennye im lavneni v Solnechnoi sisteme. Izd. 2. Moskva, Nauka, 1961. 250 p. (CLU)

- DMITRIYEV, A. A. [Dynamic meteorology, a syllabus of lectures] Dinamicheskaya meteorologiya, konspekt lektsii. Moskva, Mos. gos. univ. Pt. 1. [Kinematics and dynamics of an ideal atmosphere without friction] Kinematika i dinamika ideal'noi atmosfery bez treniya. 1965. 122 p.
- DURINIAN, R. A. [Central structure of afferent systems] Tsentral'naya struktura afferentnykh sistem. Pod red V. N. Chernigovskogo [Leningrad] Meditsina, 1965. 185 p.
- DYBOV, P. T. [Collection of mathematical problems in aid of persons enrolling in the Moscow Engineering and Physics Institute] Sbornik zadach po matematike v pomoshch' postupaushchima v Moskovskii inzhenerno-fizicheskii institut. Moskva, Mosk. inzhenerno-fizicheskii in-t, 1965. 87 p.
- DZHALAGONIA, K. T. [Phytopathogenic fungi of the main subtypical ornamental plants of Abkhazia] Parazitnyye griby glavnykh dekorativnykh tsvetnykh rastenii Abkhazii, Tbilisi, Metsnereba, 1965. 71 p.
- EROFEEV, B. V. [Transition metals and their catalytic properties] Perekhodnye metally i ikh kataliticheskie svoystva. Moskva, Znaniye, 1966. 60 p. (Novoe v zhizni, nauke, tekhnike. XI Seriya Khimiya, no. 2)
- FIKHTEGOL'TS, G. M. [Course in differential calculus] Kurs differentsial'nogo ischisleniya. Izd. 6. Moskva, Nauka. Vol. 1. 1966. 607 p.
- FLEKSER, N. I. A. [Radioisotopes in scientific research] Radioaktivnye izotopy v nauchnykh issledovaniyakh. Moskva, Izd-vo "Znanie", 1966. 30 p. (Novoe v zhizni, nauke, tekhnike. 9 Seriya Fizika, matematika, astronomiya, no. 4)
- FROLOV, S. V., and R. A. SHOSTAK. [Course in higher mathematics] Kurs vysshego matematiki Moskva, Vysshaya shkola, 1966. 662 p.
- GANDIN, L. S. [Atmospheric processes on a large scale and problems of a station network] Atmosfernye protsessy krupnogo massshaba i problemy seti stantsii. Moskva, Akad. nauk SSSR, 1965. 23 p. (Mezhdunarodnyy simpozium po dinamike krupnomasshtabnykh atmosfernykh protsessov)
- GANTMAKHER, F. R. [Lectures on analytic mechanics] Lektsii po analiticheskoi mekhanike. Izd. 2., ispr. Moskva, Nauka, 1966. 300 p.
- GLADKOV, K. A. [Atom from A to Z] Atom ot A do IA. Moskva, Atomizdat, 1966. 170 p. (Nauchno-popul'naya biblioteka atomizdata)
- GRICHIN, A. I. [Mastery over matter] Vlast' nad veshchestvom. Voi otech. Tsentral'-Chernozemnoe knizhnoe Izd-vo, 1965. 269 p.
- HALPERIN, ISRAEL. [Nuclear fission. Translated from the English] Delenie iader. Pod red. A. I. Leipun'skogo. Moskva, Gos. Izd-vo fiziko-matem. lit-ry, 1962. 154 p. (Sovremennyye problemy fiziki) (CU)
- IL'YUSHIN, A. A. [Continuum mechanics; a textbook] Mekhanika sploshnoi sredy; uchebnoye posobie. [Moskva] Izd-vo Mosk. univ. Pt. 2. 1965. 25 p.
- INTERNATIONAL SYMPOSIUM ON CONDENSATION NUCLEI, 4th, Frankfurt/Main & Heidelberg, 1961. [Atmospheric aerosols and radioactive air pollution; transactions of the 4th International Symposium on Condensation Nuclei, May, 1961. Translations] Atmosfernye aeroli i radioaktivnoye zagrizneniye vozdukh, trudy IV Mezhdunarodnogo simpoziuma po iadram kondensatsii, mai, 1961. Pod red. E. S. Selez'evoi. Leningrad, Gidrometeor., Izd-vo, 1964. 274 p. diags. (Geofisika pura e applicata, no. 50) (NJP)
- IUDIN, M. I. [Study of factors causing unsteadiness of the general atmospheric circulation] Ob izuchenii faktorov, obuslovlivayushchikh nestatsionarnost' obshchego tsirkulatsii atmosfery. Moskva, Akad. nauk SSSR, 1965. 24 p. (Mezhdunarodnyy simpozium po dinamike krupnomasshtabnykh atmosfernykh protsessov)
- IVANITSKII, M. V. [Anatomy of man] Anatomiya cheloveka. 4. izd., ispr. Moskva, Fizkul'tura i sport. Vol. 1. [Introduction to anatomy, motor apparatus, study of movements] Vvedenie v anatomiyu, dvigatel'nyi apparat, uchenie o dvizheniyakh. 1965. 517 p.
- KABANOV, A. N. [Physiology of man and animals, textbook for faculties of the natural sciences of pedagogical institutes] Fiziologiya cheloveka i zhitovykh, uchebnik dlya fakul'tetov estestvoznaniya pedagogicheskikh institutov. Izd. 2., ispr. i dop. Moskva, Prosveshchenie. Pt. 2 [Internal organs, metabolism, and skin] Vnutrennie organy, obmen veshchestv i kozh. 1965. 377 p.
- KAPITSA, P. L. [Theory, experiment, practice] Teoriya, eksperiment, praktika Moskva, Izd-vo "Znanie", 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya Fizika, matematika, astronomiya, no. 5)
- KATSENELENDIUM, B. Z. [High-frequency electrodynamics, principles of the mathematical apparatus] Vyschastotnaya elektrodinamika, osnovy matematicheskogo apparata. Moskva, Nauka, 1966. 237 p.
- KEDURIA, T. L. [Arteries of the tongue] Arterii yazyka. Tbilisi, Metsnereba, 1965. 72 p.
- KHAPLANOV, M. G. [Theory of functions of complex variables, a short course] Teoriya funktsii kompleksnogo peremennogo; kratkiy kurs. [2. izd.] Moskva, Prosveshchenie, 1965. 207 p.
- KHOLODOV, I. U. A. [Effect of electromagnetic and magnetic fields on the central nervous system] Vliyeniye elektromagnitnykh i magnitnykh polov na tsentral'nuyu nervnuyu sistemu. Moskva, Nauka, 1966. 282 p.
- KHRZHANOVSKI, V. G., and S. F. PONOMARENKO. [Botany for foreign students of the Preparatory Faculty] Botanika dlya studentov-instrantsov podgotovitel'nogo fakul'teta. Moskva, Univ. družby narodov im. Patrisa Lumumby, 1965. 83 p.
- KIEVSKIY DOM NAUCHNO-TEKHNIЧЕСКОГО ПРОПАГАНДЫ. [Seminar of some problems of biocybernetics and the application of electronics in biology and medicine] Seminar: Nekotoryye problemy biotsybernetiki i primeneniye elektroniki v biologii i meditsine. Kiev, 1965. 3 v. [DNLM MICROFILM]
- KIRSHENBLAT, I. A. D. [General endocrinology] Obshchaya endokrinologiya. Moskva, Vysshaya shkola, 1965. 316 p.
- KITAIGORODSKI, A. I. [Order and disorder in the atomic world] Porядok i besporядok v mire atomov Izd. 4., dop. Moskva, Nauka, 1966. 166 p.
- KLIMOV, G. P. [Stochastic queuing systems] Stokhasticheskiye sistemy obsluzhivaniya. Moskva, Nauka, 1966. 243 p. (Biblioteka prikladnogo analiza i vychislitel'noi matematiki)
- KMITO, A. A. [Methods of studying the atmosphere with the use of rockets and satellites] Metody issledovaniya atmosfery s ispol'zovaniem raket i sputnikov. Leningrad, Gidrometeorizdat, 1966. 365 p.
- KNORRE, G. F., and I. I. PALEEVA, eds. [Theory of combustion processes] Teoriya topolnykh protsessov. [By] G. F. Knorre i dr. Moskva, Energiya, 1966. 491 p.
- KOLOVSKII, M. Z. [Nonlinear theory of the vibration stability of systems] Nelineinaya teoriya vibro-stoynosti sistem. Moskva, Nauka, 1966. 317 p.
- KOMAROV, F. I., I. V. ZAKHAROV, and V. A. LISOVSKI. [Diurnal rhythm of physiological functions in healthy and sick persons] Sutocnyy ritm fiziologicheskikh funktsii u zdorovogo i bol'nogo cheloveka, [Leningrad] Meditsina, 1966. 199 p.
- KRASNOSELSKII, M. A. [Displacement operator over the trajectories of differential equations] Operator sdviga po traektoriyam differentsial'nykh uravnenii. Moskva, Nauka, 1966. 331 p. (Sovremennyye problemy matematiki)
- KRASNOSELSKII, P. P., and others. [Integral operators in spaces of summable functions] Integral'nye operatory v prostranstvakh summiruemykh funktsii. Moskva, Nauka, 1966. 499 p.
- KUTALADZE, S. S., ed. [Heat exchange and friction in a turbulent boundary layer] Toploobmen i treniye v turbulentnom pogranichnom sloye. Novosibirsk, Red. i izd. otdel Sibir'skogo otd-niya AN SSSR, 1964. 206 p. (NIC)
- LAASIMER, LIVIA. [Plant cover of the Estonian S.S.R.] Eesti NSV taimekatv. Tallinn, Valgus, 1965. 396 p. [In Estonian]
- LANGE, K. P., and V. E. TIMOFEEV. [Observations on the seasonal phenomena of nature, a textbook for biology students] Nabludeniya nad sezonnyimi yavleniyami prirody, posobie dlya studentov-biologov. Kulbyshev, Kulbyshevskii gos. pedagog. in-t, 1964. 51 p. (V pomoshch' studentu) [MICROFILM]
- LAPTEV, I. P. [Scientific principles of conservation, a course of lectures] Nauchnye osnovy okhrany prirody, kurs lektsii Tomsk, Izd-vo Tomskogo univ., 1964. 205 p.
- LENINGRAD UNIVERSITET. [on exchange] Iomnyi obmen [Leningrad] 1965. 199 p.
- LENINGRAD. UNIVERSITET. Institut matematiki i mekhaniki. [Aerodynamics of air efflux gases] Aerodinamika razzerheniy gazov. [Leningrad] Izd-vo Leningr. univ., 1963. Vol. 2, S. V. Vallandei, ed. i v. (NJP)
- LEONOV, B. V., and V. V. SHKLIODYKOV. [Lasars and the cell] Lazery i kletka. Moskva, Znaniye, 1966. 25 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriya Biologiya i meditsina, no. 3)
- MARCHUK, G. I. [Numerical methods of solving problems of weather forecasting] Chislennyye metody resheniya zadach prognoza pogody. Moskva, Akad. nauk SSSR, 1965. 20 p. (Mezhdunarodnyy simpozium po dinamike krupnomasshtabnykh atmosfernykh protsessov)
- MATVEEV, L. T. [Dynamics of the formation and the forecasting of stratiform cloud systems] Dinamika formirovaniya i prognoz sloistobnykh oblaknykh sistem. Moskva, Akad. nauk SSSR, 1965. 31 p.
- MATVEEV, V. A., B. V. STRUMINSKII, and A. N. TAVKHELIDZE. [Some effects in the quark model] Nekotoryye efekty v modeli kvarkov. Dubna, Ob'edinennyi in-t iadernykh issl., 1965. 10 p.
- MEDVEDEV, N. N. [Practical genetics] Prakticheskaya genetika. Moskva, Nauka, 1966. 237 p.
- MELNIKHIN, S. T. [Philosophical problems of modern physics] Filosofskie problemy sovremennoi fiziki. Moskva, Znaniye, 1966. 44 p. (Novoe v zhizni, nauke, tekhnike. II Seriya Filosofiya, no. 5)
- MIRSKI, M. B. [Microbial genetics] Genetika mikrobov. Moskva, Znaniye, 1966. 59 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriya Biologiya i meditsina, no. 6)
- MLADOV, A. G. [Systems of differential equations and Liapunov stability of motion] Sistemy differentsial'nykh uravnenii i ustoychivost' dvizheniya po Liapunovu. Moskva, Vysshaya shkola, 1966. 223 p.
- MONIN, A. S., and A. M. OBUKHOV. [Statistical study of large-scale atmospheric processes] Statisticheskoye issledovanie krupnomasshtabnykh atmosfernykh protsessov. Moskva, Akad. nauk SSSR, 1966. 14 p. (Mezhdunarodnyy simpozium po dinamike krupnomasshtabnykh atmosfernykh protsessov)
- MOSCOW, NAUCHNO-ISSLEDOVATELSKII INSTITUT AEROKLIMATOLOGII. [Mean monthly aerological data at isobaric surfaces, 1950-1959, according to the basic station network of the U.S.S.R.] Srednie mesyachnyye aerologicheskiye dannyye na izobaricheskikh poverkhnostyakh, 1950-1959 g. g. po opornoi seti stantsii SSSR. Moskva, 1964. 19 p.
- MOSCOW. TSENTRAL'NYI INSTITUT PROGNOZOV. [Manual on short-range weather forecasting] Rukovodstvo po kratkorochnym prognozam pogody. Leningrad, Gidrometeorizdat. Pt. 3, No. 2. [European territory of the U.S.S.R. and Transcaucasia] Evropeyskaya terriitoriya SSSR i Zakavkaz'ye. 1965. 232 p.
- MOSCOW, UNIVERSITET DRUZHBY NARODOV. Kafedra algebrы i geometrii. [Short Russian-Arabic dictionary of arithmetical terms] Kratkiy russko-arabskiy slovar' arifmeticheskikh terminov. Moskva, 1965. 34 p.
- MOSCOW, UNIVERSITET DRUZHBY NARODOV. Kafedra gisologii. [Effect of some physical and biological factors on the organism, materials of a scientific conference] Vliyeniye nekotorykh fizicheskikh i biologicheskikh faktorov na organizm; materialy nauchnoi konferentsii. Moskva, 1965. 117 p.

- NAUCHNAYA KONFERENTSIYA MOLODYKH UCHENYKH BIOLOGOV. 1st. [Abstracts of reports of the First Scientific Conference of Young Biologists] Tenzis dokladov. Kiev, Izd-vo Akad. nauk USSR, 1964. 111 p.
- NAUCHNAYA KONFERENTSIYA, POSVIASHCHENNAYA 100-LETNIU SO DNIYA VYKHODA V SVET TRUDA I. M. SECHENOVA "TRILEKSY GOLOVNOGO MOZGA". "Odesa" 1963. [Abstracts of the reports of the Scientific Conference Dedicated to the Centenary of the Publication of I. M. Sechenov's work, "Brain reflexes", December 10-18, 1963] Tenzis dokladov, 16-18 dek., 1963 g., Odessa, Odeskii gos. univ., Im. I. I. Mechnikova, 1963. 236 p. (ICRI)
- NEKOLIUK, V. F. [Soft Protista (Protozoa) in Uzbekistan] Protisty (Protozoa) poche Uzbekistana. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 172 p.
- NOVOSELOV, V. S. [Variational methods in mechanics] Variatsionnye metody v mekhanike. [Leningrad] Izd-vo Leningr. univ., 1966. 66 p.
- OBUKHOV, A. I. [Studying the asymmetry and anisotropy of nuclear fission during the bombardment of uranium and bismuth by high energy protons] Izucheniye asimetrii i anizotropii deleya i dei pri obлучenii urana i vismuta protonami vysokikh energiy. Leningrad, Radevyy in-t im V. G. Khlopina, 1963. 136 p. (FOU)
- OCHAGOV, F. M. [Solution of problems in mechanics, a self-teacher] Reshenie zadach po mekhanike, posobie dlya samooobrazovaniya. Moskva, Prosveshchenie, 1965. 239 p.
- OL'KHOV, O. A. [Atoms and the life of plants] Atomy i zhizn' rasteniy. Moskva, Koles, 1965. 78 p.
- [ON THE MOON] Na Lune, sbornik statei. Moskva, Znaniye, 1968. 14 p. (Novoe v zhizni, nauka, tekhnika. XI Seriya: Fizika, matematika, astronomiya, no. 6)
- OZHIGOVA, E. P. Egor Ivanovich Zolotarev, 1817-1878. Moskva, Nauka, 1966. 241 p. (Nauchno-biograficheskaya seriya)
- PARNO, I. [Were the sky and earth created? An lost one create cheret shi penyutul? Kishineu, Kartia moldovenaske, 1965. 29 p. (Adveceul despie oltizhie) [In Moldavian]
- PASKHAVER, I. S. [The law of large numbers and the regularities of a mass process] Zakon bol'shikh chisel i zakonomernosti massovogo protessa. [Moskva] Statistika, 1966. 201 p.
- [PHYSICS OF THE ATOMIC NUCLEUS. Translated from the English] Fizika atomnogo yadra. Pod red. M. K. Polivanova. Moskva, Nauka, 1965. 115 p. (Nad chem dumalut fiziki, no. 4)
- POKROVSKIY, A. A., ed. [Problems of biochemical adaptation, materials of the symposium of November 23-28, 1965] Problemy biokhimicheskoy adaptatsii, materialy simpoziuma (23-28 noyabrya, 1965 g.) Moskva, Akad. med. nauk SSSR, 1965. 76 p.
- POPOV, M. G., and V. V. DUSIK. [Outline of the flora of the shores of Lake Balkal] Kontsept flory poberezh'ya overa Balkal. Moskva, Nauka, 1966. 214 p.
- POSTUPAL'SKAYA, M. I. [N. N. Pivovarov, a critical and biographical sketch] N. N. Pivovarov, kritiko-biograficheskii ocherk. Moskva, Detskaya lit-ra, 1955. 95 p. (NIC)
- PROZOROV, A. A. [Genetic transformation in micro-organisms] Geneticheskaya transformatsiya u mikroorganizmov. Moskva, Nauka, 1966. 126 p.
- RADCHENKO, I. V. [Molecular physics] Molekulyarnaya fizika. Moskva, Nauka, 1965. 479 p.
- RUZLEVAYA, N. P. [Lectures on the elements of nomography] Lektsii po osnovam nomografii. Moskva, Univ. družby narodov Im. Patria Lumumby, 1965. 29 p.
- RYZHOV, O. S. [Study of transonic flows in Laval nozzles] Issledovanie transzvukovykh techeniy v soplakakh Lavalla. Moskva, Vychislitel'nyi tsentr AN SSSR, 1965. 236 p. (Trudy Vychislitel'nogo tsentra)
- SAPARINA, E. V. [What jellyfish are silent about] O chem molchat meduzy. [Moskva, Molodaya gvardiya, 1964] 141 p. (RPB)
- SAVIN, S. B. [Aisenazo III, methods for the photo-metric determination of 131I and actinide elements] Aisenazo III, metody fotometricheskogo opredeleniya iodovskikh i aktinidnykh elementov. Moskva, Atomizdat, 1966. 255 p.
- SAZONOV, B. I. [Outer space at our doors] Kosmos u nasikh dverei. Leningrad, Gidrometeoizdat, 1966. 198 p.
- SENETSKAYA, L. P., and S. S. VIL'BORG. [Analytical reactions of anions] Analiticheskie reaktsii anionov. Pod red. A. P. Kishkova. Moskva, Mosk. khimiko-tekhnologicheskii in-t, 1965. 62 p.
- SHATSKAYA, M. G. [Some biological characteristics of the seeds of ephemerals] Nekotorye biologicheskie osobennosti semian efemerovykh rasteniy. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 94 p.
- SHUSTROVICH, E. M. [Chemical bond in organic compounds] Khimicheskaya svyaz' v organicheskikh soedineniyakh. Moskva, Znaniye, 1966. 64 p. (Novoe v zhizni, nauka, tekhnika. XI Seriya: Khimiya, no. 3)
- STEPANENKO, V. D. [Radar in meteorology, radio-meteorology] Radiolokatsiya v meteorologii, radio-meteorologiya. Leningrad, Gidrometeoizdat, 1966. 350 p.
- STUDITSKIY, A. N. [The developing organism] Stoitshechiya organizma. Moskva, Izd-vo "Znaniye", 1966. 61 p. (Novoe v zhizni, nauka, tekhnika. XII Seriya: Lichnost' i razvitiye, no. 3)
- SUPRUNENKO, D. A., and R. I. TYSHKEVICH. [Commutative matrices] Perestanochnyye matritsy. Minsk, Nauka i tekhnika, 1966. 103 p.
- SVERDLOVSK. URAL'SKII GOSUDARSTVENNYI UNIVERSITET. [Physics of magnetic phenomena; research papers of graduate students and teachers] Fizika magnitnykh yavleniy, sbornik nauchnykh rabot aspirantov i prepodavatelei. Sverdlovsk, 1964. 173 p. (RPB)
- TOPCHIEV, A. V. [Selected works] Izbrannyye trudy. Moskva, Nauka. (Book 3) [Polymerization. Organosulfon compounds] Polimerizatsiya. Kremniorganicheskie soedineniya. 1966. 528 p.
- [UNITS OF MEASUREMENT AND DESIGNATIONS OF PHYSICAL AND TECHNICAL QUANTITIES; a handbook] Edinitsy izmereniy i oznacheniya fiziko-tekhnicheskikh velichin; spavochnik. Izd. 2., poeiz. i dop. Moskva, Nedra, 1966. 511 p.
- UZHDAVIN, E. R., and V. K. SHEPELEVA. [Essays on the development of innate behavior] Ocherki razvitiya vrozhdennogo povedeniya. Moskva, Nauka, 1966. 118 p.
- VASILECHENKO, S. I. [Manual of problems and exercises in chemistry] Sbornik zadach i uprazhneniy po khimii. [2. Izd., poeiz.] Moskva, Vysshaya shkola, 1965. 167 p.
- VOLKOV, A. N., A. M. VOLKOVA, and T. L. SHIRAEVA. [Independent and test problems in mathematics for the 9th grade, a textbook for teachers] Samostoiatel'nye i kontrol'nye raboty po matematike dlya 9 klassa; posobie dlya uchitelei. Moskva, Prosveshchenie, 1966. 133 p.
- VSESOIUZNOE BOTANICHESKOE OBSHCHESTVO. Moskovskoye otdeleniye. [Key for the identification of plants of Moscow Province] Opredelitel' rasteniy Moskovskoy oblasti. Moskva, Nauka, 1966. 385 p.
- ZAGREBIN, D. V. [Seven-place tables of the natural values of trigonometric functions for every hundredth part of a grade; decimal division of the circle] Semiznachnyye tablitsy natural'nykh znacheniy trigonometricheskikh funktsiy dlya kazhdoy stot grada, desyatiychnoe deleniye okrugzhnosti. Moskva, Nauka, 1966. 145 p.
- ZARINOV, G. Z. [Preparation and use of dry alkali carbonate reagents] Polucheniye i primeneniye suchikh ugloshchetnykh reagentov. Ufa, Bashkirskoye knizhnoye izd-vo, 1963. 48 p. [MICROFILM]
- ZHURAVLEV, M. . [Preparation of stuffed birds, skeletons and museum objects, taxidermy of birds] Izgotovleniye chuchel ptilts, skelotov i muzeinykh preparatov, luksidermika ptits. Moskva, Nauka, 1966. 250 p.
- ZHURAVLEV, A. N. [International Unit System and regulations for its introduction into the U. S. S. R.] Mezhdunarodnaya sistema edinits i poriadok vvedeniya ee v SSSR. Moskva, Mosk. aviatsionnyi in-t, 1963. 30 p. [MICROFILM]
- ZIMKIN, N. V. [Human physiology] Fiziologiya cheloveka 3. Izd. Moskva, Fizkul'tura i sport, 1964. 599 p. (DNLM)
- ZOOLOGICHESKOE SOVESHCANIE, POSVIASHCHENNOE 100-LETNIU SO DNIYA ROZHIDENIYA MIKHAILA DMITRIYEVICH RUZSKOGO. [Reports of the Zoological Conference Dedicated to the 100th Anniversary of the Bth of Mikhail Dmitriyevich Ruzskii] Doklady Tomsk, Izd-vo Tomskogo univ., 1964. 281 p.

14. MEDICINE

- AGATONOV, F. G. [Postoperative recurrent goller] Posleoperatsionnyy i sledivnyy rob. Moskva, Meditsina, 1966. 109 p. (Biblioteka prakticheskogo vracha) (DNLM)
- AKADEMIYA MEDITSINSKIIH NAUK SSSR, Moscow. Kazakhskii Institut kinevol'pologii. [Materials of the report conference, 1964] Materialy otechelnoy nauchnoy konferentsii, 1964 g. Alma-Ata, Izd-vo Akad. nauk Kazakhskoy SSR, 1964. 199 p. (DNLM)
- AKADEMIYA NAUK SSSR. Sibirskoye otdeleniye. Dal'nevostochnyy filial. [Introduction to geophysics] Vvedeniye v geofiziku. Moskva, Nauka, 1966. 322 p.
- ALEKSANDROVSKIY, D. P. [From the work experience of a phthisiologist] Iz opyta i raboty ftiziatra. Kiev, Zdorov'ya, 1966. 95 p. (DNLM)
- ANIKIN, A. F., and I. A. ZHODZISHKII. [Epidermophytosis, fungous skin diseases of the feet] Epidermofitiya; giibkovyye zabolevaniya kozhi stop. Moskva, Meditsina, 1965. 19 p. (DNLM)
- APARIN, V. E. [Physical education for the middle-aged and elderly] Fizkul'tura dlya srednego i pozhnogo vozrasta. Moskva, Meditsina, 1966. 38 p. (Nauchno-popul'naya meditsinskaya literatura) (DNLM)
- ARUTUNOV, V. I. A., and P. I. COLEMB. [Allergic vasculitis of the skin] Allergicheskoye vaskulity kozhi. Moskva, Meditsina, 1966. 177 p. (DNLM)
- BARONOV, V. A. [Closed cerebral trauma] Zakrytye travmy golovnogo mozga. [Leningrad] Meditsina, 1966. 220 p. (DNLM)
- BERGOL'TS, V. M., and N. V. RUMILANTSEV. [Comparative pathology and etiology of leukemia in man and animals] Svrnitel'naya patologiya i etiologiya leikozha cheloveka i zhivotnykh. Moskva, Meditsina, 1966. 200 p. (DNLM)
- BOGOLEPOV, N. K., ed. [Current problems of neurology and neurosurgery, papers of the Department of Nervous Diseases of the 2d Moscow Medical Institute, of the Department of Neurology and Neurosurgery of the Erivan Medical Institute, and of the Department of Neurosurgery of the Central Institute for Postgraduate Training of Physicians of Moscow] Aktual'nye problemy nevrologii i neirokhirurgii, trudy kafedry nevrologykh boleznei II MMI, kafedry nevrologii i neirokhirurgii Erevanskogo Meditsinskogo instituta i kafedry neirokhirurgii TsIU vrachov Moskvyy. Erevan, 1963. 309 p. [DNLM MICROFILM]
- CHUDNOVSKIY, G. S. [Disorders in the regulation of water-salt equilibrium in circulatory insufficiency] Narusheniye regulatsii vodno-solovogo ravnovesiya pri nedostatochnosti krovoobrashcheniya. Novosibirsk, Nauka, 1966. 245 p. (DNLM)

- DOMRACHEV, V.M. [Dysentery] *Dizenteriya*. Kiev, Zdorov'ya, 1966. 241 p. (Biblioteka prakticheskogo vracha) (DNLM)
- DROGICHINA, E.A., and M.N. SADCIIKOVA. [Intoxication with mercury and its organic compounds, clinical aspects, diagnosis, treatment, prevention and disability evaluation] *Intoksikatsiya tsvet'nyie organicheskiye soedineniyami, klinika, diagnostika, lechenie, profilaktika i eksperiment'nyye sposobnosti*. Moskva, Meditsina, 1966. 101 p. (Biblioteka prakticheskogo vracha) (DNLM)
- FREIDLIN, S.IA., ed. [Volunteer participation in Soviet public health service] *Otschestvennyye zashchita v sovetskoy zdravookhraneni*. [Leningrad] Meditsina, 1966. 245 p.
- GELLER, L.I., and G.M. MUKHAMEDOVA. [Chronic poisoning with some petroleum products, pathogenesis, clinical aspects and treatment] *Khronicheskaya intoksikatsiya produktami sermistoil nefli, patogenez, klinika i lechenie*. Moskva, Meditsina, 1966. 129 p. (Biblioteka prakticheskogo vracha) (DNLM)
- KHOKHLOV, P.P. [Use of heteropitaneum in surgery] *Primeneniye geteropitaneuma v khirurgii*. Kishinev, Karla moldovenaske, 1964. 262 p. (DNLM)
- KONFERENTSIYA PO METODAM MEDIKO-GEOGRAFICHESKIH ISSLEDOVANIY. *Moscow, 1965*. [Methods of medicogeographical research; materials] *Metody mediko-geograficheskikh issledovaniy, materialy*. Moskva, Mosk. filial geogr. ob-va SSSR, 1965. 321 p. (DNLM)
- KORZHEL', A.V. [Hypertension] *Gipertonicheskaya bolezn'*. Izd. 2. Moskva, Meditsina, 1966. 43 p. (Nauchno-popul'naya meditsinskaya literatura) (DNLM)
- KOVRIGINA, M.D., ed. [Manual for nurses of day nurseries] *Rukovodstvo dlia sest'er detskikh instel*. Moskva, Meditsina, 1966. 350 p. (DNLM)
- KRASNOYARSK. GOSUDARSTVENNYI MEDITSINSKII INSTITUT. [Papers on clinical biochemistry, the protective role of labile globulins and blood fibrinogen] *Sbornik nauchnykh rabot po klinicheskoi biokhymii; zashchitnaya rol' labil'nykh globulinov i fibrinogena krovi*. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1962. 136 p. (DNLM)
- LATVIAN S.S.R. *Veselības aizsardzības ministrija* [25 years of health protection in Soviet Latvia] *Padsmiti Latvijas veselības aizsardzības 25 gadu. V. Kanepa redakcija. Rīga, Zvaigzne, 1965. 157 p. xxiv p. litus*. [In Latvian and Russian] (DNLM)
- LIKHOVITSKII, N.S. [Trichomoniasis in men, women, and children, etiology, epidemiology, pathogenesis, clinical aspects, and treatment] *Trichomonoz muzhchin, zhenshechin i detei; etiologiya, epidemiologiya, patogenez, klinika, lechenie*. Moskva, Meditsina, 1966. 155 p. (Biblioteka prakticheskogo vracha) (DNLM)
- MANDEL'SHTAM, V.A., and E.A. SVINDLER. [Cytological diagnosis of cancer of the female genital organs] *Tsitologicheskaya diagnostika raka zhenskikh polovykh organov*. [Leningrad] Meditsina, 1966. 168 p. (Biblioteka prakticheskogo vracha) (DNLM)
- MERKOV, A.M., ed. [Historical studies of national health statistics] *Ocherki istorii otcchestvennoi sanitarnoi statistiki*. Moskva, Meditsina, 1966. 285 p.
- MINSK. MEDITSINSKII INSTITUT. [Summaries of reports of the 12th Student Conference, April 25-27] *Tezisy dokladov XXII Nauchnoi studentcheskoi konferentsii 25-27 aprelya*. Minsk, 1964. 102p. (DNLM)
- MOSCOW. VTOROI MEDITSINSKII INSTITUT. [Problems of experimental surgery and morphology] *Voprosy eksperimental'noi khirurgii i morfolologii*. Pod red. G.E. Ostroverkhova. Moskva, 1965. 227 p. (Ist. Trudy) (DNLM)
- NESTERENKO, A.I. [How the People's Commissariat of the Public Health Service of the R.S.F.S.R. was organized, from the history of Soviet public health, October 1917-July 1918] *Kak byl obrazovan Narodnyi komissariat zdravookhraneniya RSFSR. Iz istorii sovetskoy zdravookhraneniya, oktyabr' 1917 g. - iul' 1918 g.* Moskva, Meditsina, 1965. 94 p.
- NFSTEROV, A.I. [Prevention of rheumatism] *Profilaktika revmatizma*. Moskva, Znanie, 1965. 31 p. (Novoe v zhizni, nauka, tekhnika. VIII Seriya Biologiya i meditsina, no. 5)
- NOGALLER, A.M. [Diagnosis and treatment of chronic diseases of the digestive organs] *Diagnostika i lechenie khronicheskikh zabolevaniy organov pishchevareniya*. Moskva, Meditsina, 1966. 370 p. (Biblioteka prakticheskogo vracha) (DNLM)
- PARIN, V.V., ed. [Present-day problems of physiology and pathology of the nervous system] *Sovremennyye problemy fiziologii i patologii nervnoi sistemy*. Moskva, Meditsina, 1965. 382 p. (DNLM)
- PETROV, I.R., and G.SII VASADZE. [Irreversible changes in shock and hemorrhage] *Neobratimyye izmeneniya pri shoke i ki otopolee*. [Leningrad] Meditsina, 1966. 197 p. (DNLM)
- PERVOV, L.G. [Sleep and its disorders] *Son i ego narusheniya*. Moskva, Meditsina, 1965. 40 p. (Nauchno-popul'naya meditsinskaya literatura) (DNLM)
- [PHTHISIOLOGIST'S MANUAL]. *Spravochnik ftiziatra*. Pod obshchey red. N.A. Shmeleva i V.L. Zhukova. 2. izd., 1. iapr. i dop. Moskva, Meditsina, 1966. 416 p. (DNLM)
- PODOLIAN, V.IA. [Essays on the medical geography of Japan] *Ocherki meditsinskoi geografii Iapunii*. Moskva, Meditsina, 1966. 160 p. (DNLM)
- PRESSMAN, L.P. [Treatment of cardiac insufficiency] *Lechenie serdtsheinoi nedostatchnosti*. Izd. 2., 1. iapr. i dop. Moskva, Meditsina, 1966. 162 p. (Biblioteka prakticheskogo vracha) (DNLM)
- PRIGOZHINA, A.L. [Pathological anatomy and the pathogenesis of glaucoma] *Patologicheskaya anatomiya i patogenez glaukomy*. Moskva, Meditsina, 1966. 219 p. (DNLM)
- PROPP, R.M. [Clinical aspects and treatment of malignant tumors of the thyroid gland] *Klinika i lechenie zlokhachestvennykh opukhotel shchitovidnoi zhelezy*. Moskva, Meditsina, 1966. 162 p. (DNLM)
- PYRLINA, N.P. [Medicolegal examination of the cadaver; textbook for students of medical institutes] *Sudebno-meditsinskoe issledovanie trupya; urchebnoe posobie dlia studentov meditsinskikh institutov*. Izd. 2., 1. iapr. i dop. Moskva, Pervyi med. in-t 1965. 65 p.
- RAKHMADZHANOV, A.R. [Diencephalic pathology in rheumatism] *Diencefaliynaya patologiya pri revmatizme*. Tashkent, Izd-vo 'Meditsina' UzSSR, 1965. 183 p. (DNLM)
- RODIONOV, P.V., ed. [Prescription manual] *Retsepturnyy spravochnik*. Izd. 4., 1. iapr. i dop. Kiev, Zdorov'ya, 1966. 623 p. (DNLM)
- RUDNEY, G.P. [Clinical aspects of especially dangerous infections] *Klinika osobo opasnykh infektsii*. Moskva, Meditsina, 1966. 204 p. (Biblioteka prakticheskogo vracha) (DNLM)
- SHILAKHOV, E.N. [Epidemiology, diagnosis and prevention of anthrax] *Epidemiologiya, diagnostika i profilaktika sibirskoi jazy*. Kishinev, Karla moldovenaske, 1966. 112 p. (DNLM)
- [SIGNIFICANT DATES AND ANNIVERSARIES OF THE HISTORY OF MEDICINE IN 1966] *Znachenatel'nye i lubimnye daty istorii meditsiny 1966 goda*. Pod red. B.D. Petrova. Vyp. 10. Moskva, Meditsina, 1966. 96 p.
- SYMPOSIUM ON CHEMICAL (ONCIPIS) OF PSYCHOSIS. *Zurich, 1957*. [Biochemistry of psychoses, materials of the Symposium on Chemical Concepts of Psychosis of the 2d International Psychiatric Congress in Zurich (Switzerland) September 1-7, 1957. Transactions] *[Khimicheskaya psikhosy, materialy simpoziuma po khimicheskoi konceptsiyey psikhosy. II Mezhdunarodnogo psikhicheskogo kongressa v TShurikhe (Shvitsariya) 1-7 sentyabrya 1957 g. Otschetnyy red. shotnika M. Rinkella i G. Denbora. Pod red. D.D. Fedotova. Moskva, Gruz. izd-vo med. lit-ry, 1963. 429 p. (DNLM)]*
- TITAREV, V.I. [Restorative surgery in congenital heart and chest defects] *Vosstanovitel'naya khirurgiya vrozhdennykh rasshireniy gudy i neba*. Kishinev, Karla moldovenaske, 1966. 129 p. (DNLM)
- TRON, I. ZH. [Eye and neurologic pathology] *Glyz i neirologicheskaya patologiya*. [Leningrad] Meditsina, 1966. 489 p. (DNLM)
- URVANTSEV, I.F., ed. [Medical preparations] *Lechivnyye preparaty*. Izd. 6. Minsk, Nauka i tekhnika, 1966. 513 p. (DNLM)
- USHAKOV, G.K. [Prevention of new psychiatric diseases in children] *Profilaktika novyye psichicheskikh zabolevaniy u detei*. Moskva, Izd-vo "Znanie", 1966. 13 p. (Narodnyi universitet; Fakul'tet zdorov'ya, no. 4)
- USPENSKIY, I.U.H. [Secretory function of the stomach in pregnancy and its change under normal and pathological conditions] *Sekretornaya funktsiya zheludka v onogenezе i ee izmeneniya v norme i patologii*. Moskva, Meditsina, 1966. 170 p. (DNLM)
- VASIUKOVA, E.A. [Secrets of longevity] *Sekrety dolgoletiya*. Moskva, Izd-vo "Znanie", 1966. 31 p. (Narodnyi universitet; Fakul'tet zdorov'ya, no. 5)
- [WORK ORGANIZATION IN THE PROVINCIAL SECTOR OF PUBLIC HEALTH AND IN THE PROVINCIAL HOSPITAL] *Organizatsiya raboty oblastskogo otzeka zdravookhraneniya i oblastnoi pol'itituy*. [Ily] M.P. Molokova i dr. Moskva, Meditsina, 1965. 98 p. (Perevoznyi oyt organizatsii zdravookhraneniya) (DNLM)
- ZASUKHIN, D.N., and A.K. IVGISIF. [Toxoplasmosis] *Toxoplazmoz*. Moskva, Meditsina, 1965. 17 p. (Nauchno-popul'naya meditsinskaya literatura) (DNLM)

15. AGRICULTURE

- AKADEMIA NAUK SSSR. *Pochvennyi institut im. V.V. Dokuchaeva*. [Agrochemical characteristics of soils in the U.S.S.R.] *Agrokhimicheskaya kharakteristika pochvy SSSR*. Moskva, Nauka. [Book 6. Regions along the Volga] *Raiyny Povolz'ya*. 1966. 333 p.
- AKADEMIA NAUK UZBEKSKOI SSR, Tashkent. *Botanicheskii sad*. [Dendrology of Uzbekistan] *Dendrologiya Uzbekestana*. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR. Vol. 1. 1965. 433 p. (DNAL)
- AKADEMIA NAUK UZBEKSKOI SSR, Tashkent. *Institut botaniki*. [Problems of the efficient use and improvement of alpine pastures] *Voprosy ratsional'nogo ispol'zovaniya i uuchsheniya pustynnykh pastbishch*. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 267 p. (DNAL)
- AKADEMIA NAVUK BSSR, Minsk. *Institut genetik i tsitologii*. [Problems of experimental genetics] *Voprosy eksperimental'noi genetik*. Minsk, Nauka i tekhnika, 1966. 161 p. (DNAL)
- ALEKSEEV, A.V. [Fundamentals of animal husbandry] *Osnovy zhivotnovodstva*. Moskva, Vysshaya shkola, 1966. 142 p. (DNAL)
- ALIEV, S.A. [Conditions for the accumulation of and the nature of organic matter in the soil] *Usloviya nakopleniya i priroda organicheskogo veshchestva pochvy*. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1966. 278 p.

- ANTONOV, A. E. [Oceanological principles of fishing forecasts in the southern part of the Baltic Sea] Okeanologicheskie osnovy rybolovnykh prognozov v luzhnoi chasti Baltiskogo moria. Leningrad, Atlanticheskii nauchno-issled. in-t rybnogo khoz. i okeanografii, 1964. 117 p. (MICROFILM)
- BALASHEV, L. L. Ivan Aleksandrovich Stebut (1833-1923). Moskva, Nauka, 1966. 164 p. (Nauchno-biograficheskaya seriya)
- BERKOV, I. L., and others. [Mechanization of work in the chemical protection of farm crops in Moldavia] Mekhanizatsiya rabot po khimicheskoi zashchite sel'skokhoziaistvennykh kul'tur v Moldavii. Pod red. A. N. Semenova. Kishinev, Kartia moldovenaske, 1965. 222 p. (DNAL)
- BITUKOV, K. K., and P. K. DOROZHKO. [Irrigation of farm crops in steppe areas] Orosheniye sel'skokhoziaistvennykh kul'tur v stepnykh rayonakh. 2., izd., perer. Moskva, Kolos, 1965. 198 p. (DNAL)
- CHEREMISINOV, N. A. [General plant pathology] Obshchaya patologiya rastenii. Moskva, Vysshaya shkola, 1965. 329 p. (DNAL)
- DEKATOV, N. E. [Use of herbicides and acaricides in forest management] Primeneniye gerbitsidov i akaritsidov v lesnom khoziaistve. Izd. 2., dop. Moskva, Lesnaya promyshlennost', 1966. 168 p. (DNAL)
- DRONOVA, N. F., and N. I. CHUPRININ. [Coupling tractors with agricultural machinery] Agregirovaniye traktorov sel'skokhoziaistvennykh mashinami. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1963. 45 p. (V pomoshch' molodomu mekhanizatoru) (DNAL MICROFILM)
- FEDOROV, S. S. [Population dynamics of sea herring in relation to the problems of its efficient utilization, a review] Dinamika chislennosti morskikh sel'dei v svyazi s problemami ikh ratsional'nogo ispol'zovaniya, obzor. Moskva, VNIRO, 1965. 132 p.
- [GENERAL FARMING AND SOIL SCIENCE] Obshchee zemledelie s pochvovedeniem. 2. izd. [By] P. P. Zaei i dr. Leningrad, Kolos, 1966. 508 p. (Uchebniki i uchebnye posobia dlia sel'skokhoziaistvennykh uchil'nykh) (DNAL)
- GLAVINICH, R. [Developing plant forms and varieties by controlled change of heredity] Vyvedeniye rastitel'nykh form i sortov putem napravlenno go izmeneniya nasledstvennosti. Moskva, Kolos, 1966. 173 p. (DNAL)
- GOLUBINSKII, E. D., R. U. REINSHTEIN, and A. A. SERBIN. [Cultivation practices for high yields of corn] Agrotehnika vysokikh urozhayev kukuruzy. Stenopoli, Krymizdat, 1961. 47 p. (CU-A)
- ISAEV, A. S. [Trunk pests of the Dahurian larch] Stvolovye vrediteli listvennitsy daurskoi. Moskva, Nauka, 1966. 146 p. (MMA-A)
- KOTLIAROV, V. V. [Operating the electrical equipment of tractors and combines] Eksploataatsiya elektrooborudovaniya traktorov i kombainov. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1963. 68 p. (V pomoshch' molodomu mekhanizatoru) (DNAL MICROFILM)
- KRASNOV, V. S. [Grain and seleneo] Khleb i nauka. Moskva, Znanie, 1964. 61 p. (Novoe v zhizni, nauke, tekhnike. X Seriya: Molodezhnaya, no. 4)
- KRASNOYARSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. [Intestinal cestodiasis in sheep (monieziasis and thyazinteziasis) and measures for their control on farms in Krasnoyarsk Territory] Klebchnyye tsestodozy ovets (moniezioz i tizantioz) i меры bor'by s nimi v khoziaistvakh Krasnoyarskogo kraia. Krasnoyarsk, 1964. 75 p. (DNAL MICROFILM)
- KULINICH, P. N. [Beetles harmful to fruit and nut plants on the southern slope of the Gissar Range] Zhuki, vrediaschie plodovym i orekhoplodnym kul'turam luzhnogo sklon Gissarskogo khrebtia Dushanbe [Izd-vo AN Tadjikskoi SSR] 1965. 170 p. (DNAL)
- LADYGIN, I. A. [On the art of agriculture] Okul'tura zemledeliya. Moskva, Izd-vo "Znanie," 1966. 68 p. (Narodnyi universitet: Sel'skokhoziaistvennyi fakul'tet, no. 3)
- LOPATIN, N. B. [Sports fishing] Sportivnaya lovlya ryby. [Minsk, Belarus', 1965] 207 p.
- MAKHACH-KALA. DAGESTANSKII GOSUDARSTVENNYI UNIVERSITET. [Forest vegetation and trees in the Northern Caucasus; abstracts of reports from a conference] Lesnaya rastitel'nost' i dendorofna Severnogo Kavkaza, tezis dokladov konferentsii. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1965. 88 p. (DNAL)
- MATLASH, G. I. [Borers of oak plantations in the southern Yergel and measures for their control] Zlatki dubovyykh nasazhdenii luga Egeon i meiry bor'by s nimi. Elieta, Kalmitzidai, 1963. 21 p. (DNAL MICROFILM)
- MICHURIN, I. V. [Secrets of breeding] Sekrety selektsii, sbornik statei. Moskva, Izd-vo "Znanie," 1966. 48 p. (Novoe v zhizni, nauke, tekhnike. V Serii Sel'skoe khoziaistvo, no. 4)
- MIL'KOV, F. N. [Landscape geography and practical problems] Landshaftnaya geografiya i voprosy praktiki. Moskva, Mysl', 1966. 255 p. (DNAL)
- [MINERAL AND BACTERIAL FERTILIZERS, MINERAL FEEDS AND TRACE ELEMENTS; collection of state standards and technical specifications] Mineral'nye i bakterial'nye udobreniya, mineral'nye korma i mikroelementy; sbornik gosudarstvennykh standartov i tekhnicheskikh uslovii. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1965. 493 p.
- MOROZOVA, G. S., and A. M. NEGRUL'. [Manual on viticulture] Praktikum po vinogradarstvu. Moskva, Kolos, 1966. 286 p. (Uchebniki i uchebnye posobia dlia sel'skokhoziaistvennykh vozov) (DNAL)
- MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHOZIAISTVENNAIA BIBLIOTEKA. [Books to aid the agricultural specialist in production; index of the literature for 1964] Kniga - v pomoshch' spetsialistu sel'skogo khoziaistva na proizvodstve, ukazatel' literatury za 1964 god. Moskva, 1965. 94 p. (DNAL)
- MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHOZIAISTVENNAIA BIBLIOTEKA. [Union Index of bibliographic lists and card catalogs, compiled by libraries of the Soviet Union in 1964: Agriculture] Svozdnyi ukazatel' bibliograficheskikh splekov i kartotek, sostavlenykh bibliotekami Sovetskogo Soyuza v 1964 godu; Sel'skoe khoziaistvo. Moskva, 1965. 78 p.
- MOSCOW. VSESOIUNZNYI INSTITUT NAUCHNO-TEKHNIЧЕСKOGO INFORMATSII PO SEL'SKOMU KHOZIAISTVU. [Studying practices in breeding work and hybridization in poultry raising of Canada; report of a Soviet agricultural delegation] Izucheniye opyta ptemennoi raboty i gibrizatsii v ptil'sevodstve Kanady; otchet sovelakot sel'skokhoziaistvennoi delegatsii. Moskva, 1965. 52 p. (Nauchno-tekhnicheskoe sotrudnichestvo SSSR s zarubezhnyimi stranami, no. 8) (DNAL)
- MOSKOVSKAIA VETERINARNAAIA AKADEMIA. [Materials of the 9th Conference on Pharmacology, March 1964] Materialy IX nauchnoi konferentsii po farmakologii (mari 1964 g.). Moskva, 1964. 175 p. (DNAL MICROFILM)
- NOVOBIRSKAIA GOSUDARSTVENNAIA SEL'SKOKHOZIAISTVENNAIA OPYTNAIA STANTSIA. [Achievements of seleneo for production; collected papers of the Novosibirsk State Agricultural Experimental Station] Dostizheniya nauki-proizvodstvu; sbornik rabot. Novosibirsk, 1963. 82 p. (DNAL MICROFILM)
- ORANSKII, N. N. [Assembly, use, and repair of machines on livestock farms] Montazh, eksploatatsiya i remont mashin na zhivotnovodcheskikh fermakh. Moskva, Kolos, 1965. 270 p. (DNAL)
- [PLANTING AN ORCHARD] Zakladka sada, sbornik statei. Moskva, Kolos, 1966. 254 p. (DNAL)
- PODLIASSKII, D. M. [Adjusting and regulating tillage machinery] Nastroika i regulirovka pochvooberabatyvayushchikh mashin [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1963. 47 p. (V pomoshch' molodomu mekhanizatoru) (DNAL MICROFILM)
- PODRAZHANSKII, A. L., and S. G. BONDARENKO. [Cultivation practices in growing large grape crops, based on materials of leading viticulturists] Agrotehnika vysokikh urozhayev vinograda; po materialam perezodnikov-vinogradarev. Pod red. M. A. Pellaia, Kishinev, Kartia moldovenaske, 1965. 133 p. (DNAL)
- RUDNEV, K. M., and N. F. PALII. [Oceanographic methods in fishery research] Okeanograficheskie metody v rybolovnykh issledovaniyakh. Leningrad, Atlanticheskii nauchno-issled. in-t rybnogo khoz. i okeanografii, 1964. 108 p. (MICROFILM)
- RUSSIA (1917- R. S. F. S. R.) Ministerstvo kommunalnogo khoziaistva. Golovnaia normalizirovannaya skala stanitsa. [Manual of provisional consolidated estimates for the capital repair of parks and gardens] Spravochnik vremennykh ukрупnennykh smolnykh norm na kapital'nyi remont zelenykh nasazhdenii. Moskva, Stroitizdat, 1966. 37 p.
- RUSSIA (1923- U. S. S. R.) Glavnoe upravleniye nauki, propagandy i vnedreniya porodovogo opyta po soluznym respublikam. [Recommendations for growing large corn crops in irrigated lands] Rekomendatsii po vyrashchivaniyu vysokikh urozhayev kukuruzy na oroshayemykh zemlakh. Moskva, Kolos, 1964. 15 p. (DNAL)
- SERGEYEV, A. V. [Chemical composition of plants and silage of the northernmost U. S. S. R., Yakut A. S. S. R., and Magadan Province] Khimicheskiy sostav rastenii i silosov Severo-Vostochnaia Soluza SSR, IAKutskoi ASSR i Magadanskoi oblasti. [Magadan] Magadanskoe knizhnoe izd-vo, 1965. 100 p. (DNAL)
- SHARAFOV, N. I., and V. A. SMIRNOV. [Climate and the quality of the crop] Klimat i kachestvo urozhaya. Pod red. F. F. Davitaya. Leningrad, Gidrometeoizdat, 1966. 120 p. (DNAL)
- SHURIN, V. N., ed. [Handbook of veterinary virology] Rukovodstvo po veterinarnoi virusologii. Moskva, Kolos, 1966. 688 p. (DNAL)
- SOLOV'EV, M. F. [Specialized livestock farm] Spetsializirovannoe zhivotnovodcheskoe khoziaistvo. Moskva, Znanie, 1964. 39 p. (Nauka i tekhnika: Sel'skokhoziaistvennyi fakul'tet, no. 12)
- TYMKO, M. M. [Nut groves on steep slopes] Orekhovyie roshchi na krulykh sklonakh, Kishinev, Shtiintea, 1960. 23 p. (ICRL)
- URSUL, M. M. [Climate, soils, and waters are the most important natural resources of Moldavia] Klimat, zemli i vody - vazhnishie prirodnye bogatstva Moldavii. Kishinev, Kartia moldovenaske, 1965. 82 p. (DNAL)
- VASIL'EV, I. M. [Plants and the cold] Rasteniya i khod. Moskva, Izd-vo "Znanie," 1966. 32 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo, no. 5)
- VELIGOSHIA, V. S., I. N. KULIKOVSKII, and A. I. PISARENKO. [Afforestation of mountain slopes] Oboseleniye gornyykh sklonov. Moskva, Tsentr. nauchno-issled. in-t informatsii i tekhniko-ekon. issledovaniy po lesnoi, tselulozno-bumazhnoi, derevooberabatyvayushchii promyshli i lesnomu khoz., 1964. 46 p. (Lesnoe khoziaistvo) (DNAL MICROFILM)
- VOROPEV, V. I. [A collective farm plans its future] Kolkhoz planiruet budushchee. Moskva, Znanie, 1964. 54 p. (Narodnyi universitet: Sel'skokhoziaistvennyi fakul'tet, no. 11)
- VSESOIUNZNOE OBSHCHESTVO POCHVOVEDOV. Kazakhskii filial. [Soil research in Kazakhstan; collection of papers for the 8th International Congress of Soil Scientists] Pochvennye issledovaniya v Kazakhstane; sbornik rabot k VIII Mezhdunarodnomu kongressu pochvovedov. Alma-Ata, Vses. ob-vo pochvovedov, 1964. 177 p. (ICRL)

VSEURAL'SKOE SOVESHCHANIE PO VOPROSAM GEOGRAFI I OKHRANY PRIRODY. 8th. [Protection of nature and landscape gardening of populated places (abstracts and summaries of reports); materials] Okhruana prirody i ozeleneniye naselennykh punktov (s obozrazheniyami dokladov), materialy. Ufa, Bashkirskiy gos. univ., 1961. 193 p.

VSAKIKH, A.S. [Theoretical bases of stockbreeding] Teoreticheskiye osnovy plemennogo dela. Moskva, Kolos, 1964. 430 p. (DNL)

YALTA. VSESOUZNIY NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT VINODELII I VINOGRADARSTVA "MAGARACH." [Ampelography of the U.S.S.R., rare grape varieties] Ampelografiya SSSR, maloraspristranennyye sorta vinograda. Red. kollegiya: Otv. red. A.M. Nogrul'. Chleny red. kollegii P.P. Blagotravov i dr. Moskva, Pishchevaya promyshlennost'. Vol. 2, 1965. 571 p. (DNL)

16. TECHNOLOGY

ABAKUMOV, A.A. [Use of nuclear radiations in measuring technique, and the fundamentals of nuclear power engineering, textbook on the application of nuclear energy in the national economy] Primeneniye yadernykh izlucheniy v izmeritel'noy tekhnike i osnovy yadernoy energii; uchebnoe posobie po primeneniyu yadernoy energii v narodnom khozaystve. Leningrad, Severo-Zapadnyy nauchnyy politekhn. in-t. Pt. 1, 1965. 201 p.

AGAPOV, M.V., and A.V. PIKHUTA. [Electrical protection of transistorized power supply] Elektricheskaya zashchita poluprovodnikovyykh istochnikov pitaniya. Moskva, Sovetskoye radio, 1966. 160 p.

AITMATOV, I.T. [Problems of rock grouting] Voprosy ismeneniya gornykh porod. Frunzo, Kirgizskoy gos. izd-vo, 1962. 95 p. (MICROFILM)

AKADEMIYA NAUK KIRGIZSKOI SSR, Frunzo. Institut avtomatiki. [Elements of the theory of automatic regulation and control] Elementy teorii avtomaticheskogo upravleniya i kontrolya. Frunzo, Ilim, 1965. 73 p.

AKADEMIYA NAUK KIRGIZSKOI SSR, Frunzo. Institut fiziki i mekhaniki gornykh porod. [Improving the working of coal seams in the mines of Central Asia] Sovershenshtvovaniye razrabotki ugol'nykh plavuk na shakhtakh Srednei Azii. Frunzo, Ilim, 1966. 113 p.

AKADEMIYA NAUK MOLDAVSKOI SSR, Kishinev. Institut elektrotekhnicheskikh problem. [Electric spark machining of electroconductive materials; a bibliography, 1960-1962] Elektroskrovala obrabotka lekoprovdnykh materialov; bibliograficheskii ukazatel' (1960-1962). Kishinev, Karla moldovenasko, 1964. 69 p.

AKADEMIYA NAUK SSSR. Institut geokhimi i analiticheskoi khimii. [Chemical principles of the extraction method for the separation of elements] Khimicheskiye osnovy ekstraktsionnogo metoda razdeleniya elementov. Moskva, Nauka, 1966. 136 p.

AKADEMIYA NAUK SSSR. Kol'skii filial, Kirovsk. Gornometallurgicheskii institut. [Ventilation of mines and open-pit mines with large caving areas] Provetrivaniye kar'erov i rudnikov s bol'shim zonnami obrusheniya. Moskva, Nauka, 1966. 122 p.

AKADEMIYA NAUK SSSR. Sibirskoye otdeleniye. Institut zemnoi kory. [Problems of the genesis and characteristics of the distribution of endogenous deposits] Voprosy genezisa i zakonomernosti razmashcheniya endogennykh mestorozhdenii. Moskva, Nauka, 1966. 374 p.

AKADEMIYA NAUK UZBEKSKOI SSR. Tashkent. Otdeleniye khimiko-tekhnologicheskikh i biologicheskikh nauk. [Chemistry in Uzbekistan] Khimiya v Uzbekistane. Tashkent, Izd-vo Nauka Uzbekskoi SSR, 1965. 533 p.

ANTONOV, V.IA. [Principles of the technology of the field drying of peat] Osnovy tekhnologii polevoi sushki torfa. Moskva, Nedra, 1966. 169 p.

ARAPOV, S.G. [Technology of the manufacture of leather goods and accessories] Tekhnologiya proizvodstva kozhgalantereynykh izdelii. Moskva, Legkaya industriya, 1966. 209 p. (Uchebniki i uchebnye posobia dlya podgotovki rabochikh massovykh professii)

ARKHIPOV, I.P., N.N. KORNEICHUK, and A.B. SIMBRSKII. [Laboratory manual for the course "New materials in industry"] Laboratornyi praktikum po kursu "Noveye materialy v tekhnike," uchebnoe posobie Moskva, Mosk poligr. in-t, 1964. 70 p.

ARYKIN, I.G., I.IA. BEILIN, and E.M. NEKRASOV. [Mechanized sinking of screw anchors into the ground] Mekhanizirovannoe zagrublenie v grunt vityayvkh iakovel. Moskva, TsNITIElespiom, 1965. 20 p. (Lesoskoplualatela)

AVAEV, S.A., and others. [Automation of technological processes in the wool, flax, and silk industry] Avtomatizatsiya tekhnologicheskikh protsessov sherstnol, ylnolot i shelkovol promyshlennosti. Moskva, Legkaya industriya, 1966. 205 p.

AZERBAIDZHANSKIY NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT PO BURENIU NEFTIYANYKH I GAZOVYKH SKVAZHIIN. [Techniques and equipment for deep drilling] Tekhnika i tekhnologiya glubokogo burenia Moskva, Nedra 1966. 300 p.

BABUSHKINA, M.I. [Now building materials from local raw materials of the Moldavian S.S.R.] Noveye stroyitel'nye materialy iz mestnogo syr'ya MSSR. Kishinev, Karla moldovenasko, 1963. 141 p. (MICROFILM)

BALASHOV, V.P., ed. [Automation of radio measurements] Avtomatizatsiya radiolizmereni. [By] V.P. Balashov i dr. Moskva, Sovetskoye radio, 1966. 527 p.

BALEZIN, S.A. [Why and how does metal failure occur, a manual for students] Ocheho i kak razrushatsya metall, posobie dlya uchashchikhsya. Izd. 2., dop. Moskva, Prosveshcheniye, 1965. 166 p.

BALKOV, P.P., and K.M. MANENKOV. [Diamonds are machining metals] Almazny obrabatyvnyy metall. Odessa, Maik, 1965. 60 p.

BARANOV, M.S. [Technology of the production of welded structures] Tekhnologiya proizvodstva svarnykh konstruktii. Moskva, Mashinostroyeniye, 1966. 332 p.

BARANOV, N.A., and D.S. DOBROVOL'SKII. [Technology and equipment of paper manufacture] Tekhnologiya i oborudovaniye bumazhnogo proizvodstva. Izd. 3., perer., i dop. Moskva, Lesnaya promyshlennost', 1966. 430 p.

BARDIZH, V.V., and V.V. KOBELEV. [Calculation of the remagnetization curves of ferrite cores] Raschet krivyykh peremagnitnyvaniya ferritovykh sordchulzov. Moskva, Akad. nauk SSSR. Institut tekhnik mekhaniki i vychislitel'noy tekhniki, 1959. 26 p. illus. (Elektronnyye vychislitel'nye mashiny) (NYKh)

BATRAKOV, O.T., and V.M. SIDENKO. [Organization of road construction work; examples] Organizatsiya dorozhno-stroitel'nykh rabot; primery. Moskva, Transport, 1966. 335 p.

DELIKOV, N.F., G.IA. NIKOLAEVA, and A.A. STOROZHENKO. [Textbook on foundation beds and foundations] Uchebnoe posobie po osnovaniyam i fundamentam. Khar'kov, Khar'kovskiy gos. univ., 1960. 218 p.

BERENSHTEIN, E.A. [New forms of mass technological creativity] Noveye formy massovoy tekhnicheskoy tvorchestva. [Kalinin] Kalininskoy knizhnoy izd-vo, 1963. 45 p. (MICROFILM)

BEREZIN, S.I. [Principles of the setting of technical standards for the use of materials in construction] Osnovy tekhnicheskogo normirovaniya raschloda materialov v stroitel'nom proizvodstve. Moskva, Stroizdat, 1966. 122 p.

DEREZOVSKIY, V.I. [Anhydride cement made of phosphorous gypsum] Angidritovyi tsement iz fosfogipsa. Minsk, Belarus', 1964. 28 p. (MICROFILM)

BERMAN, S.I. [Copper-beryllium alloys, their properties, use, and processing] Mednoborillitovyye splavy, ikh svoystva, primeniye i obrabotka. Moskva, Metallurgiya, 1966. 343 p.

BERNSHTEIN, M.L. [Electrical safety and safety measures in metal welding] Elektrobezopasnost' i tekhnika bezopasnosti pri svarko metalliv. Dushanbe, Ifon, 1964. 67 p. (MICROFILM)

BERNSHTEIN, M.L. [Safety measures in operating machine tools] Tekhnika bezopasnosti pri rabote na metallorezhashchikh stankakh. Dushanbe, Ifon, 1964. 50 p. (MICROFILM)

BOGATOV, G.D. [Television transmissions from space] Televizionnyye peredachi iz kosmosa. Moskva, Nauka, 1966. 303 p. (Nauchno-populynarnaya sci-tia)

BOGDANOV, V.N., and S.E. RYSKIN. [Using full induction heating in industry] Primeneniye skvoznoy induktsionnoy nagreva v promyshlennosti. Pod obshchey red. A.A. Fogella. Izd. 3., perer. i dop. Moskva, Mashinostroyeniye, 1965. 91 p. (Biblioteka vysokotekhnicheskoy termista, no.12)

BOGDANOVICH, O.A. [Using an efficient internal static system of reinforced concrete beams to achieve a saving of steel] Ispol'zovaniye delstvuyet'noy vnutrenney staticheskoy skhemy zhelezobetonnykh balok dlya dostizheniya ekonomii stali. [Omsk] Zapadno-Sibirskoy knizhnoy izd-vo, 1965. 30 p.

BOGOVLAVENSKIY, V.N. [Design of electric traction motors for diesel locomotives; lecture for students of the 5th year studying "Diesel locomotives, their operation, maintenance and repair"] Raschet tlagovogo elektrodvigatelia dlya teplovoza; lektsiya dlya studentov V kursa spetsial'nosti "Teplovozy i teplovoye khozaystvo." Moskva, Vses. nauchnyy in-t inzhenerov zhelez-dor. transporta, 1964. 26 p. (MICROFILM)

BOL'SHAKOV, V.D. and G.P. LEVCHUK, eds. [Handbook for the geodesist] Spravochnik geodezista. [By] G.V. Bagraluni i dr. Moskva, Nedra, 1966. 683 p.

BONDARENKO, V.M. [Use of cosmic rays in geology] Ispol'zovaniye kosmicheskikh luchov v geologii. Pod red. A.G. Tarkhova. Moskva, Nedra, 1965. 142 p.

BORISOV, G.S., and V.P. SAKHAROV. [Concise handbook for the shop mechanic] Kratkiy spravochnik tekhnicheskogo mekhanika. Moskva, Mashinostroyeniye, 1966. 689 p.

BORODIN, A.I. [High-speed rowing of warp yarn for the sock; analysis of the process] Vysokoskorostnoye porumatyvaniye osnovnoy prizhizny pochtika; issledovaniye protsessov. Moskva, Legkaya industriya, 1965. 193 p.

BORTSOV, D.V., and N.S. SUKHORUKOV. [Telegraph communication in rail and transport] Telegrafnaya svyaz' na zheleznodorozhnom transporte. Moskva, Transport, 1966. 435 p.

BOZIKO, I.M., and K.A. LOKSHIN. [Transistor radio broadcast receivers] Transistornyye radioveshchatel'nye priemniki. Moskva, Energiya, 1966. 93 p. (Massovaya radiobiblioteka, no.594)

BR
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v

BRUFMAN, S.S. [Digital indicators] Tsifrovyye indikatory. Moskva, Energiya, 1964. 74 p. (Biblioteka po avtomatike, no.100) (CSTmoft)

BUDANOVA, L.M., R.S. VOLODARSKAYA, and N.A. KANAEV. [Analysis of aluminum and magnesium alloys] Analiz aluminovykh i magnitovykh splavov. [Moskv] Metallurgiya, 1966. 359 p.

BUKSHIN, I.D., and O.A. BUTAEV. [Arrangement and operation of liquefied petroleum gas plants] Ustroystvo i eksploatatsiya ustanovalok szhizhennogo gaza. Moskva, Stroizdat, 1966. 266 p.

DULATOV, A.I., and N.A. SIDOROV. [Difficulties in the casing of deep wells] Oslazhneniya pri kreplenii glubokikh skvazhin. Moskva, Nedra, 1966. 293 p.

RUSHTEY, I.I., and K.I. KHOKHOLEV. [Heat insulating materials for construction; a reference manual] Teploizolatsionnyye materialy dlya stroitel'stva; spravochnoe posobie. Kiev, Budivelnik, 1966. 187 p.

- BYKOV, A. P., and G. N. SARKOV. [Theoretical principles of electrical engineering. Calculation of transient processes in linear networks with lumped parameters using the classical method; manual for students majoring in electrical and power engineering] Teoreticheskie osnovy elektrotekhniki. Raschet perekhodnykh protsessov v lineynykh elektricheskikh tsirkulakh s sverzdolozhenymi parametrami klassicheskimi metodom, uchebnoe posobie dlya studentov elektrotekhnicheskikh i energoicheskikh spetsial'nostei Moskva, Vses. zaochnyy inzhenerov zhel-dor. transporta, 1964. 188 p. [MICROFILM]
- [CALCULATIONS FOR STRENGTH, RIGIDITY, STABILITY AND VIBRATION] Raschet na prochnost', zhestkost', ustoychivost' i khiblaniya Moskva, Mashinostroenie, 1969. 190 p.
- CHEREVYCHNIK, I. K. [Glow discharge devices in computer technology] Prihozy tverdschego razlaza v vychislitel'noy tekhnike. Moskva, Energiya, 1964. 88 p. (Biblioteka po avtomatike, no 99) (CSmoR)
- CHIRNIV, K. K. [Safety methods for work in electrical systems] Bezopasnye sposoby raboty v elektricheskikh sistemakh Moskva, Energiya, 1966. 70 p. (Biblioteka elektromontazh, no 170)
- DEMCHINSKII, F. A. [Manufacture of refined sugar] Proizvodstvo skhina-rafinada. Moskva, Pishcheprum, 1965. 178 p. (Uchebnoe posobie dlya podgotovki kadrov massovykh professii)
- DENISENKO, V. S., A. G. KORON, and N. V. LEIBEL'S. [Mechanization and automation in the machinery industry] Mekhanizatsiya i avtomatizatsiya v mashinostroyeni. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1963. 57 p. [MICROFILM]
- DIUBIN, N. P., and V. V. TROFIMOV. [Acceptance testing of ferrous metals] Priemka chernykh metallov. [Moskva] Metallurgiya, 1966. 270 p.
- DOBROLYUBOV, A. I. [Hydraulic and electrical circuits of automatically controlled machine tools; methods of analysis, study and detection of defects] Gidravlicheskie i elektricheskie skhemy avtomatizirovannykh stankov, metody analiza, izucheniya i nakhozhdeniya neispravnostei. Minsk, Nauka i tekhnika, 1965. 210 p.
- DOBROKHAYOV, O. E., and I. I. KHILENKO. [Fundamentals of automatic control, automatic devices and control systems for aircraft] Osnovy avtomaticheskogo regulirovaniya, avtomaty i sistemy upravleniya letatel'nykh apparatami Moskva, Mashinostroenie, 1965. 450 p.
- DONTSOV, K. M. [Theoretical bases for programming the development of oil fields] Teoreticheskie osnovy proekhtirovaniya razrabotki neflianykh mestorozhdenii. Moskva, Nedra, 1955. 286 p.
- DRAGUN, L. I. [Manual on the supplying of materials and equipment in construction] Spravochnik po material'no-tekhnicheskoi snabzheniu stroitel'stva. Minsk, Belarus', 1963. 426 p.
- DRUGAL', S. A., V. V. ZUBAREV, and D. P. DOROSHENKO. [Handbook for the operator of a track-mounted loader] Posobie shofera avtopogruzchika. Moskva, Transport, 1966. 150 p.
- DRUZ', I. A. [Giving fire-prevention instruction and imparting the minimum technical requirements to workers and employees] Protivopozharnyi instruktsionnyi i tekhnicheskii rabochii i sluzhashchii. 2. izd. Moskva, Stroizdat, 1966. 72 p.
- DUNAEV, P. F. [Design of units and parts of machines] Konstrukirovaniye ustoi i detalей mashin. Moskva, Vysshaya shkola, 1966. 303 p.
- DZHELIALOV, A. R. [Servo systems with synchronous motors] Sluzhashchie sistemy s sinkhronnymi dvigatel'nyimi. Frunze, Rim, 1966. 157 p.
- EGOROV, K. V. [Nonlinear automatic control systems] Nelineynye sistemy avtomaticheskogo regulirovaniya. Chelobskary, Chuvashskoe knizhnoe izd-vo, 1965. 66 p.
- EGOROV, K. V. [Sampled-data control systems; intermittent systems] Impul'snye sistemy avtomaticheskogo regulirovaniya; preryvnye sistemy. Chelobskary, Chuvashskoe knizhnoe izd-vo, 1955. 48 p.
- EGOROV, V. N. [Mechanization of finishing operations in construction] Mekhanizatsiya otdelochnykh rabot v stroitel'stve. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1964. 44 p. [MICROFILM]
- EGOROVA, A. G., and others. [Manufacture of round sole bread from coarse rye flour in Marsakov system bakeries] Proizvodstvo podovogo kruglogo khleba iz rzhannoi obdrolnoy muki na khlebozavodakh sistemy Marsakovoy. Moskva, TsINTPishcheprom, 1965. 18 p.
- [EKA], encyclopedia of measurements, control, and automation] FIKA, entsiklopediya izmerenii kontrolya i avtomatizatsii Moskva, Energiya, No 5 1965 79 p.
- ERMAKOV, P. D. [Safety measures in the repair of furnace tubes] Okhanna truda pri remonte dymovykh trub. [Moskva] Metallurgiya, 1966. 96 p. (Biblioteka po okhannu truda v metallurgii)
- FVODKIMOV, F. E. [Theoretical principles of electrical engineering] Teoreticheskie osnovy elektrotekhniki. Moskva, Vysshaya shkola, 1965. 611 p.
- FATNITSKII, L. A. [Determining the switch angle in laying curved tongues, synopsis of a lecture for students of the construction department of the Novosibirsk Institute of Engineers of Railroad Transportation] Opredeleniye skhlochnogo ugla pri laizhivaniyakh oshtakakh, konpekt teksta dlya studentov stroitel'nogo fakulteta NITZhTa. Novosibirsk, Novosibirskii inzhenerov zhel-dor. transporta, 1965. 43 p. [MICROFILM]
- FILIPPOV, N. P. [Safety manual for layout workers] Pamiatka po tekhnike bezopasnosti dlya razmetchika. Moskva, Stroizdat, 1966. 13 p. (Tekhnika bezopasnosti v stroitel'stve)
- FUNSHTEIN, I. A. N. [Increasing the wear resistance of machine parts and tools by case hardening, work practices of the Minsk Automobile Plant] Povysheniye iznosostoičnosti detalей mashin i instrumentov khimiko-termicheskoi obrabotkoi; iz opyta raboty Minskogo avtomobil'nogo zavoda. Minsk, Belarus', 1965. 55 p. (Peredovoi opyt - dostoiannie naroda)
- GACHINSKII, E. E., and L. N. FISNER. [Optimization of three dimensional distribution, automatic margin distributors] Optimizatsiya prostanstvennogo raspredeleniya, avtomaticheskii raspredelitel' pripuska Moskva, Energiya, 1966. 63 p. (Biblioteka po avtomatike, no 166)
- GAUZNER, S. I., S. S. MIKHAILOVSKII, and V. V. ORLOV. [Recording devices in automatic weighing processes] Registruyushchie ustroystva v avtomaticheskikh protsessakh vzeshtivaniya. Moskva, Mashinostroenie, 1966. 130 p.
- GERSHANOV, S. V. [Operation of tractors and their maintenance] Rabota na traktorakh i uklad na nimi. [Rostov-na Donu] Rostovskoe knizhnoe izd-vo, 1963. 39 p. (V pomoshch' metodomu mekhanizatoru) [MICROFILM]
- GERSHTEIN, A. K., and G. A. DRALO. [Mobile dismountable keramzlit unit in rural construction] Peredvizhnaia sbornorazbornaia keramzitolovaya ustanovka v sel'skom stroitel'stve. [Omsk] Omskoe knizhnoe izd-vo, 1963. 17 p. [MICROFILM]
- GRINDIS, A. P., and V. S. DOBROER. [Ultrasonics in working] Rabota ul'trazvuk [Odessa] Odesskoe knizhnoe izd-vo, 1963. 27 p. [MICROFILM]
- GRIZDURG, A. S. [Infrared technology in the food industry] Infrazasnaia tekhnika v pishchevoi promyshlennosti Moskva, Pishchevaia promyshlennost', 1966. 407 p.
- GLUZMAN, G. L., and I. P. PADERNO. [Reliability of control units and systems] Nadzhnost' ustanovok i sistem upravleniya. Moskva, Mashinostroenie, 1966. 211 p.
- GODILO, A. [On the road to research] Dorogoi polska. Stavropol', Knizhnoe izd-vo, 1964. 55 p. [MICROFILM]
- GOLDFARB, L. G. [People of creative work, they make sugar] Liudi tvorcheskogo truda, oni delaiut sakhar. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1964. 58 p. [MICROFILM]
- GOLUBTSOV, V. A., ed. [Treatment of feedwater in thermal electric power plants] Obrabotka vody i teplovykh elektrostaniakh. [By] A. I. Baulina i dr. Moskva, Energiya, 1966. 447 p.
- GONCHARUK, V. A. [Fundamentals of the process of measurement in the petroleum and petrochemical industry] Osnovy pottvopozharnoi tekhniki v neflianoi i neftekhimicheskoi promyshlennosti. Moskva, Khimika, 1965. 223 p.
- GORKI, PROEKTNIY, TEKNOLOGICHESKII I NAUCHNO-ISSEDOVATEL'SKII INSTITUT. [Abstracts of research carried out in 1963-1964] Annotatsii rabot, vypolnennykh v 1963 i 1964 godakh Gork'ki, Otdel nauchno-tekhn. informatsii, 1965. 56 p.
- GORSHKOV, A. F., and I. I. IUSHMANOV. [Comp. in the service of man] Matematicheskie mashiny i sluzhba cheloveku. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963. 173 p. [MICROFILM]
- GRACHEVA, L. O., and P. S. ANISIMOV. [Design characteristics and dynamic properties of the three-axle UVZ-9m type truck] Konstrukivnye osobennosti i dinamicheskie kachestva trokhoskol'noy telezhi tipa UVZ-9m. Moskva, Transport, 1966. 32 p. (Dinamika zheniya muki i tekhnika v proizvodstve)
- GRUDCHIN, A. N. [Principal surveying operations in the construction of large bridges] Osnovnye geodeticheskie raboty pri sooruzhenii bol'shikh mostov [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1962. 83 p. [MICROFILM]
- GRILIKIES, V. A., and P. I. SHIVETS. [Manual for finishing workers in housing construction combination] Pamiatka otdelochnika domostroitel'nogo kombinata. Kiev, Budivelnik, 1966. 100 p.
- GUBKIN, NAUCHNO-ISSEDOVATEL'SKII INSTITUT PO PROBLEME KURSKOI MAGNETNOI ANOMALII. [Dressing and preparation for smelting of Kursk Magnetic Anomaly iron ores] Obogashcheniye i podgotovka k pлавке zheleznykh rud KMA Moskva, Nauka, 1966. 117 p.
- GUK, V. I. [Bundle methods for the transportation and storage of export lumber] Paketnyi metod transportirovaniya i khraneniya eksportnykh pilomaterialov Moskva, Tsentr. nauchno-issled. i informatsii i tekhnika-ekon. issledovaniy po lesnoi, sel'skokhozhmazhnoi, derevoobrabatval'noy promyshl. i lesnoi khoz., 1964. 13 p. (Derevoobrabotka) [MICROFILM]
- GULENKO, N. N. [Snow removal machinery and mechanisms, their design, operation and repair] Snegoborochnyye mashiny i mekhanizmy, ustroystvo, ekspluatatsiya i remont. Moskva, Transport, 1966. 129 p.
- GULIAEV, N. A. [Radio waveguides, cavity resonators, and microwave antennas] Radiovolnovody, ob'ektnye rezonatory i anteny UKV, uchebnoe posobie po osnovam radioelekhniki dlia tekhnikumov svyazi Moskva, Svyaz', 1965. 103 p.
- GUMELIA, E. B. [Adjustment of transistor amplifiers] Nalazhivaniye tranzistornykh priemnikov. Moskva, Energiya, 1966. 63 p. (Massovaya radiobiblioteka, no 592)
- GUSEVA, A. N., R. B. SEIFUL'-MULIKOV, and L. A. FAINGERSH. [Properties of petroleum and the formation of pools as revealed by a study made in the oil- and gas-bearing regions in the eastern part of the Russian Platform] Svoystva nefli i formirovaniye zalezhei, na primere neftegazonosnykh territorii vostoika Russkoi platformy. Moskva, Nedra, 1966. 74 p.
- GUTKIN, P. A. [Design of flat parts] Raschet ploskikh detalей. Moskva, Mashinostroenie, 1966. 232 p.
- [HANDBOOK FOR THE MECHANIC OF A MOTOR-VEHICLE PARK] Spravochnik mekhanika avioparka. [By] V. M. Kaufman i dr. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 433 p.
- [HOOKUP WIRE FOR RADIOELECTRONIC EQUIPMENT] Monazhnyye provoda dlia radioelektronnoi apparatury [By] A. L. Gol'dberg i dr. Moskva, Energiya, 1966. 231 p.
- HURLEY, RICHARD B. [Transistor logic circuits Translated from the English] Logicheskie skhemy na tranzistorakh. Moskva, Mir, 1965. 429 p. (CSmoR)

- ADLONSKII, M. P. [Manual on the operation and maintenance of ZIU-5 ironing presses] Pamiatka po ekspluatatsii i opletbenii ZIU-5 Moskva, Stroiizdat, 1965 60 p.
- AKOBSON, M. O. [Technology of the manufacture of machine tools] Tekhnologiya stankostroeniia. Izd. 2, pererab. i dop. Moskva, Mashinostroenie, 1966. 475 p.
- AKUBOVSKII, B. V., N. N. ERMOLAEV, and D. V. AKRIDIN. [Testing and control of concrete elements and structures] Ispytanie zhelezobetonnykh konstruktiv i kontrol' konkrita. Pod red. B. V. Akubovskogo. Moskva, Vysshaya shkola, 1965 275 p.
- AMPOL'SKII, A. M. [Quality control of protective coatings] Kontrol' kachestva zashchitnykh pokrytii. Izd. 2, dop. i pererab. Moskva, Mashinostroenie, 1966. 154 p.
- IL'YASHOV, V. P. [Automatic control of the power of condenser systems] Avtomaticheskoe regulirovanie moshchnosti kondensatornykh ustanovok. Moskva, Energiia, 1966. 62 p. (Biblioteka elektromekhaniki, no. 186)
- INSTITUT "TERMPROMPROEKT." [Problems in designing] Voprosy proektirovaniia. Perm', Permskoe knizhnoe izd-vo, 1963. 48 p. [MICROFILM]
- IRODOV, M. V., and others. [Experience in the use of ion-exchange resins in the production of glycerin] Opyt primeneniia ionoobmennyykh smol v proizvodstve glitsierina. Moskva, TsINTIplishcheprom, 1965. 43 p.
- IUDICH, M. Z. [Transistorized electronic elements] Skhemy tranzistornoi elektroniki. Moskva, Energiia, 1966. 142 p.
- IUSHKO, S. A. [Methods of laboratory testing of ores] Metody laboratornogo issledovaniia rud. 3, pererab. i dop. Izd. Pod red. E. E. Zakharova. Moskva, Nedra, 1966. 319 p. (Incl. charts) (Insert)
- IVANCHUK, B. N., R. A. LIPMAN, and B. I. A. RUVINOV [Physiologist amplifiers in electric drive systems] Tristornyye ustroystva v skhemakh elektricheskoi dvigateln. Moskva, Energiia, 1966. 111 p. (Biblioteka po avtomatike, no. 161. Elektricheskyye i potupravodnikovyye upravleniia)
- IVANOV, I. U. V., and O. G. RADCHENKO. [Equipment and mechanization of leather factories] Oorudovaniia i mekhanizatsiia kozhevnykh zavodov. Pod red. A. N. Ushakovskogo. Moskva, Legkaya industriia, 1965. 433 p.
- IVANOV, V. F. [Principles of selecting and calculating the model and capacity of warehouses for reinforced-concrete plants] Osnovy vybora i rascheta tipa i emkosti skladov zhelezobetonnykh zavodov, uchebno-metodicheskoe posobie. Krasnotarsk, Krasnotarskii politekh. in-t, 1964. 86 p. [MICROFILM]
- IVANOVO. VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT OKHRANY TRUDA. [Baiting of textile machinery] Mestnoe osveshchenie tekstil'nykh mashin. Ivanovo, 1963. 20 p. (V pomoshch' inzhenerno-tekhnicheskim rabotnikam i profaktsii po okhrane truda) [MICROFILM]
- IVICH, ALEKSANDR. [Adventures of inventions] Priklucheniia izobretenii. Moskva, Detskaya literatura, 1966. 263 p.
- IZUMOV, N. M. [Frequency conversion] Preobrazovanie chastoty. Moskva, Energiia, 1965. 162 p. (Massovaya radiobiblioteka, no. 585)
- KARASEV, B. V., and V. I. DECHEV. [Fundamentals of hydraulics, hydraulic machinery, and agricultural water supply] Osnovy gidravliki, gidravlicheskie mashiny i sel'skokhoziaistvennoe vodosnabzhenie. Minsk, Urozhai, 1965. 297 p.
- KATOL', L. A. [Manual for a course project in hydro-electric power engineering] Uchebnoe posobie dlia vypolneniia kursovogo proekta po gidroenergetike. Red. D. O. Seifutia. Moskva, Energ. in-t, 1966. 64 p.
- KARTASHEV, G. I. [Safety manual for horizontal driving of pipes] Pamiatka po tekhnike bezopasnosti pri rabote po gorizontalnemu prodavivaniu trub. Moskva, Stroiizdat, 1966. 28 p. (Tekhnika bezopasnosti v stroitel'stve)
- KARTASHEV, G. I., and L. G. TELEGIN. [Organizational and technical preparation of the construction of the linear part of main pipelines] Organizatsionno-tekhnicheskaia podgotovka stroitel'stva lineinogo chasti magistral'nykh truboprovodov. Moskva, Nedra, 1966 51 p.
- KASHIRINA, V. M., A. N. BOGATYREV, and I. U. SHI, SHUMAKHER. [Status of and prospects for the development of the production of dry animal feeds] Sostoianie i perspektivy razvitiia proizvodstva sukhikh zhivotnykh kormov. Moskva, TsINTIplishcheprom, 1965. 79 p.
- KASPEROVICH, A. S. [Indirectly heated thermal stores] Termistory kosvennogo podogreva. Minsk, Nauka i tekhnika, 1966 90 p.
- KATENEV, E. P. [Casting wells under high temperatures and pressures] Kiplenie skvazhin pri vysokikh temperaturakh i davleniakh. Moskva, Nedra, 1966. 191 p.
- KHAZHINSKII, M. A. [Fundamentals of the automation of processes in the baking industry] Osnovy avtomatizatsii protsessov khlebobopkarnogo proizvodstva. Moskva, Pishchevaia promyshlennost', 1965. 310 p. (Insert)
- KHILISTUNOV, V. N. [Principles of digital electrical measurement techniques and digital converters] Osnovy tsifrovoy elektricheskoi izmeritel'noi tekhniki i tsifrovoye preobrazovanie. Moskva, Energiia, 1966. 344 p.
- KHOLIYAN, B. I. [Application of the crop method in the processing of logs] Porabotka gnilom metodom krupnotrovaniia. Moskva, Tsentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl. i 1965 13 p. [MICROFILM]
- KHIVAL'KOVSKII, A. V. [Problems of the reliability of the insulation of generator stator windings] Voprosy nadzhnosti izolatsii statornykh obmotok generatorov. Moskva, Energiia, 1966. 239 p. (Dopoln. v otektroizolatsionnoi tekhnike, no. 12)
- KIDOVSKII, T. N., and F. A. LAPIN. [New equipment for manufacturing building materials, a survey] Novoe oobrudovanie dlia proizvodstva stroitel'nykh materialov, obzor. Moskva, Nauchno-issl. in-t informatsii po stroitel'stву, do ozhnomu i kommunal'nomu mashinostroeniui, 1965. 152 p. (Seria II: Oobrudovanie dlia promyshlennosti i stroitel'nykh materialov) [MICROFILM]
- KIEV. NAUCHNO-ISSLEDOVATELSKII INSTITUT STROITEL'NOGO PROIZVODSTVA. [Manual for the technical servicing of the D-211B(A) motor roller] Al'bom tekhnicheskogo obsluzhivaniia motornogo karka D-211B(A). Moskva, Stroiizdat, 1966 54 p.
- KIEV. NAUCHNO-ISSLEDOVATELSKII INSTITUT STROITEL'NOGO PROIZVODSTVA. [Service manual for the D-265 motor grader] Al'bom tekhnicheskogo obsluzhivaniia avtomobila D-265. Moskva, Stroiizdat, 1966 79 p.
- KITOVICH, V. V. [Operational memory units using ferrite cores and thin magnetic films] Operativnye zapomnitsheste ustroystva na ferritovykh platenkakh i tonkikh magnitnykh plenkakh. Moskva, Energiia, 1965. 236 p.
- KLEIMAN, E. A. [Statistical methods for the control and regulation of quality] Statisticheskie metody regulirovaniia i kontrolya kachestva. Moskva, Izd-vo standartov, 1966. 115 p.
- KLIMOVSKII, I. I. [Biochemical and microbiological fundamentals of cheese manufacture] Biokhimicheskie i mikrobiologicheskie osnovy proizvodstva syra. Moskva, Pishchevaia promyshlennost', 1966 207 p.
- KOLOMENSKII TEPLOVOZOSTROITEL'NYI ZAVOD. [TEP60 diesel locomotive: operating and maintenance manual] Teplovoz TEP60, rukovodstvo po ekspluatatsii i obsluzhivaniu. Moskva, Transport, 1966. 183 p. (diagr. insert)
- KONFERENTSIIA PO AVTOMATICHESKOMU KONTROLIU I METODAM ELEKTRICHESKIIH IZMERENII, 4th, Novosibirsk, 1962. [Automatic control and methods of electrical measurement; transactions] Avtomaticheskii kontrol' i metody elektricheskikh izmerenii; trudy, Novosibirsk, Red. - Izd. otel Sibirskogo otdel'niia AN SSSR. Vol. 1. 1964. 185 p. (CSTMR)
- KONFERENTSIIA PO FIZIKO-KHIMICHESKIM OSNOVAM PROIZVODSTVA STALII, 6th, Moscow, 1961. [Physical and chemical bases of steel production, transactions] Fiziko-khimicheskie osnovy proizvodstva stali, trudy. Moskva, Nauka, 1964. 425 p. (ICRI)
- KON'KOV, A. S. [Forging] Kuznichnoe proizvodstvo. Moskva, Mashinostroenie, 1966. 363 p.
- KORNICHUK, M. T. [Cybernetics in the service of the building of communism] Kibernetika na sluzhbu budivnitsva komunizmu. Kyiv, Paillitvayd Ukrainy, 1966. 78 p.
- KOVALENKO, V. F. [Thermal distillation of seawater, elements of the theory of sea evaporators] Termicheskoe opiesneniie morskoi vody, elementy teorii morskikh isparitelei. Moskva, Transport, 1966. 215 p.
- KRAVTSOV, I. S. [Home canning and preserving of food] Domashnee konservirovanie i khraneniie pishchevnykh produktov. Odessa, Maik, 1966. 310 p.
- KULIKOV, S. V. [Regulated transistor multipliers] Upravlyemyye multivibratsii na tranzistorakh. Moskva, Energiia, 1966. 85 p. (Biblioteka po avtomatike, no. 160)
- KUZNETSOV, V. P. [Practical work in the training workshops of normal schools; manual for the students of normal schools for priest school teachers] Prakticheskie raboty v uchebnykh master'skikh pedagogicheskikh uchilishtsakh i rukovodstvo dlia uchashchiesia doskol'skikh pedagogicheskikh uchilishtsakh. Izd. 2, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo, 1962. 231 p. (Mdu)
- KYCHIKIN, I. S. [Indefatigable workers of the blue road] Trudnykh goluboi dorogi. Akutek, Akutekoe knizhnoe izd-vo, 1965. 62 p.
- LAZ'KO, A. D. [Waterproofing of exterior wall elements without using rolled materials; practices of the Dones Design and Planning Institute for the Construction Industry] Bezrostonnaya gidrozolatsiia ogradzhadushchikh konstruktiv, opyt Donproektirovki. Moskva, Stroiizdat, 1965. 23 p. [MICROFILM]
- LEBEDEV, A. A., and V. A. KARABANOV. [Dynamics of control systems of glider aircraft] Dinamika sistem upravleniia dopletotnyimi letatel'nyimi apparatami. Pod red. A. A. Lebedeva. Moskva, Mashinostroenie, 1965. 523 p.
- LEBEDEV, P. D. [Heat exchangers, drying apparatus and refrigerating plants] Toploobmennye, susushnye i khodil'nye ustanovki. Moskva, Energiia, 1966. 287 p.
- LENINGRAD. VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI. [B. E. Vedenev All-Union Research Institute of Hydraulic Engineering] Vsesouzunnyi nauchno-issledovatel'skii institut gidrotekhniki imeni B. E. Vedeneva. Moskva, Energiia, 1965. 258 p.
- 1
rabotakh. Moskva, Stroiizdat, 1966. 20 p.
- LEVIN, B. R. [Theoretical principles of statistical radio engineering] Teoreticheskie osnovy statisticheskoi radiotekhniki. Moskva, Sovetskoe radio. Book 1. 1966. 728 p.
- LEVINSON, A. L., and I. A. I. TRAKTOVENKO. [Burning holes through concrete and reinforced concrete with oxygen lances and cutters] Prozhiganiye otverstii v betone i zhelezobetonie kislorodnymi kop'iami i rezakami. Moskva, Stroiizdat, 1965. 23 p. [MICROFILM]
- LIAPUNOV, M. A., E. L. TSENTA, and E. P. IUPA. [Electric pulse machining of high-strength metals and alloys] Elektrimpul'snaya obrabotka vysokoprochnykh metallov i splavov. Pod red. E. P. IUPA. Kiev, Tekhnika, 1965. 149 p.
- LIDERMAN, S. G. [Methods of fractionating animal fats and their fatty acids] Spособy fraktsionirovaniia zhivotnykh zhиров i ikh zhирnykh kislot. Moskva, TsINTIplishcheprom, 1965. 38 p.

- LIPATOV, N.N. [Effectiveness of the centrifugal removal of impurities from milk] *Effektivnost' tsentroběžnoi očiščki moloča*. Moskva, Tsentral'n-o nauchno-tekhn. informatsii pishchevoi promyshl., 1955. 28 p. [MICROFILM]
- LIPENKOV, I.A. [Equipment and technology of wool spinning] *Oborudovanie i tekhnologiya sherstopradii'nogo proizvodstva*. Moskva, Legkaya Industriya, 1955. 519 p.
- LIUBANOVSKI, E.V. [Supersonic passenger airplane, according to materials of the foreign press] *Sverkhzvukovoi passazhirskii samolet, po materialam zarubezhnoi pechatii*. Moskva, Transport, 1966. 97 p.
- LOGINOV, B.G., and V.A. BLAZHEVICH. [Hydraulic fracturing of strata] *Gidravlicheski razryv plastov 2*, perer. i dop. izd. Moskva, Nedra, 1966. 146 p.
- LOGINOV, I.G. [Automatic operation of tractor units] *Avtomaticheskoe vozhdenie traktornykh agregatov*. [Alma-Ata] Kalmar, 1965. 170 p.
- LUR'E, I.S. [Rapid method of determining the moisture of the caramel mass by its density] *Ekspress-metod opredeleniya vlazhnosti karamel'noi massy po ee plotnosti*. Moskva, Tsentral'n-o nauchno-tekhn. informatsii pishchevoi promyshl., 1955. 23 p. [MICROFILM]
- MAKOVSEKII, N.V. [Fundamentals of the automation of the wood-working industries] *Osnovy avtomatizatsii derevoobrabatывaushchego proizvodstva*. Moskva, Legkaya Promyshlennost', 1966. 338 p.
- MALEVICH, N.A. [Equipment assemblies for the sinking and boring of vertical shafts] *Kompleksy oborudovaniia dlia prokhožki i burenia vertikal'nykh shvotov*. Moskva, Nedra, 1955. 285 p.
- MALINSKII, V.F. [Improving the visibility of signal lights on curved track sections] *Uлучsheniye vidimosti signal'nykh ognel svetoforov v krivykh uchastkakh puti*. Moskva, Transport, 1966. 23 p. (Dostizheniya nauki i tekhniki v proizvodstva)
- MALITSKII, L.A., S.M. USHAKOV, and V.I. PLATOV. [The tamping and ballast compacting Machines (ShPM-02 and UM)] *Shpatopodbirochnaya i uplotnitel'shchaya mashiny (ShPM-02 i UM)*. Moskva, Transport, 1965. 234 p.
- MAMONTOV, V.G. [Track maintenance in sections with automatic blocking and electric traction] *Soderzhanie puti na uchastkakh avtoblokirovki i elektrotiažii*. Moskva, Transport, 1966. 126 p.
- MANDEL'BERG, V.N., and others. [Steel and cast iron pipes and cylinders, a handbook] *Truby stal'nye, chugunnye i baltovy, spravochnik*. Pod red. E.A. Iavniotvicha. Moskva, Metallurgiya, 1966. 371 p.
- MARKOV, N.M. [Theory and design of the blade apparatus of axial-flow turbomachines] *Teoriya i raschet lopatocnogo apparata osyevykh turbomashin*. Moskva, Mashinostroyeniye, 1966. 239 p.
- MARKUS, P. [Television reception. Translated from the German] *Praktika televizionnogo priema*. Moskva, Svyaz, 1954. 299 p. (Biblioteka "Televizionnyi priem" no. 17)
- MARKVARDT, K.G. [Power supply of electric railroads] *Energosnabzheniye elektricheskikh zheleznykh dorog. 3*, perer. i dop. izd. Moskva, Transport, 1965. 463 p.
- MATIIKO, M.M., and O.I. KORENNOI. [Evgenii Oskarovich Paton] *I Evhen Oskarovych Paton*. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1961. 118 p. (NN)
- MAVRISHCHEV, V.S., and V.I. OSKIN. [Chemicalization of the national economy] *Khimizatsiya narodnogo khoziaistva*. [Minsk] Belarus', 1965. 101 p.
- MEL'NIKOV, N.A., and L.A. SOLDATKINA. [Matrix methods for calculating the operating modes of closed-loop electrical networks] *Matritshnye metody rascheta rabotnykh rezhimov zamknytykh elektricheskikh setei*. Moskva, Mosk. energ. in-t, 1965. 128 p.
- MILENIN, V.G., ed. [Fundamentals of pulse techniques] *Osnovy impul'snoi tekhniki*. [By] V.G. Milenin i dr. Moskva, Voenizdat, 1966. 389 p.
- MINSKII AVTOMOBIL'NYI ZAVOD. [Catalog of parts of the MAZ-500 motor truck, MAZ-504 saddle-tractor and MAZ-503 dump truck] *Katalog detalей грузового avtomobila MAZ-500, sedel'nogo tiagachia MAZ-504 i avtomobila-samoviala MAZ-503*. Moskva, Mashinostroyeniye, 1965. 413 p.
- MIRGORODSKI, B.G. [Use of film materials in the manufacture of rindless cheese] *Primeneniye plenochnykh materialov v proizvodstve beskorokovykh syrov*. Moskva, Tsentral'n-o nauchno-tekhn. informatsii pishchevoi promyshl., 1955. 21 p. [MICROFILM]
- MOGILEVICH, V.M. [Fundamentals of the organization of road construction work] *Osnovy organizatsii dorozhno-stroitel'nykh rabot*. Moskva, Vysshaya shkola, 1966. 274 p. diagra. (insert)
- MOGIL'NITSKII, I.P. [Installations of internal combustion engines in the petroleum and gas industries] *Ustanovki dvigatelei vnutrennego sgoraniia v nef'tianoi i gazovoi promyshlennosti*. Moskva, Nedra, 1965. 231 p. (Biblioteka nef'tianka-energetika)
- MOLCHANOV, I.V. [Technological equipment of meat processing industries] *Tekhnologicheskoe oborudovanie zhivotnoperabatyvalushchikh proizvodstv*. Moskva, Pishchevala promyshlennost', 1965. 509 p.
- MOLODETSKII, E.G. [Automation of the process of sterilization of canned food] *Avtomatizatsiya protsessaa sterilizatsii konservov*. Moskva, TsINTI Pishcheprom, 1965. 66 p.
- [THE MOON IS OPEN TO PEOPLE] *Luna otkryvaetsia ljudam*. Moskva, Politizdat, 1966. 255 p. fold. diagra. (insert)
The moon has drawn closer. 21 p. [In English, French, German and Spanish]
- MOSCOW. ENERGETICHESKII INSTITUT [Moscow Power Engineering Institute of the Order of Lenin, 1905-1965] *Moskovskii ordena Lenina energeticheskii institut, 1905-1965*. [Moskva] Energiya, [1965] 389 p.
- MOSCOW. GOSUDARSTVENNAIA PUBLICHNAIA NAUCHNO-TEKHNIЧЕСКАЯ BIBLIOTEKA SSSR. [Progressive methods for the heat treatment of metals, a bibliography] *Progressivnye metody termicheskoi obrabotki metallov, bibliograficheskii ukazatel'*. Moskva, 1965. 57 p. (Aktual'nye problemy tekhniki) [MICROFILM]
- MOSCOW. GOSUDARSTVENNYI INSTITUT PO PROEKTIROVANIU TRANSPORTA. [Tables for laying out curves with easement curvature for logging truck roads] *Tablitsy dlia razbivki zakruglenykh s perekhodnymi krivymi na lesovoznykh avtomobil'nykh dorogakh*. Leningrad, 1965. 37 p.
- MOSCOW. INSTITUT MASHINOVEDENIYA. [Precision of mechanisms and automatic measuring equipment] *Tochnost' mekhanizmov i avtomatizirovannykh izmeritel'nykh sredstv*. Moskva, Nauka, 1966. 190 p.
- MOSCOW. NAUCHNO-ISSEDOVATEL'SKII INSTITUT BETONA I ZHELEZOBETONA. [Structure, strength, and deformation of concrete] *Struktura, prochnost' i deformatsii betonov*. Pod red. A.E. Desova. Moskva, Stroiizdat, 1966. 365 p.
- MOSCOW. NAUCHNO-ISSEDOVATEL'SKII INSTITUT ORGANIZATSII, MEKHANIZATSII I TEKHNIЧЕСКОГО ПОМОЩНИИ СТРОИТЕЛЬСТВА. [Instructions for laying rolled roofing on buildings and structures] *Instruktsiya po ustroystvu rulonnykh krovlei zdanii i sooruzhenii*. Moskva, Stroiizdat, 1966. 44 p.
- MOSCOW. NAUCHNO-ISSEDOVATEL'SKII INSTITUT POMOSHCHII STROITEL'STVU. [Manual of safety engineering and industrial hygiene for construction and assembly operations] *Spravochnoe posobie po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri stroitel'no-montaznykh rabotakh*. Izd. 2, perer. i dop. Pod red. A.S. Toropova. Moskva, Stroiizdat, 1966. 433 p.
- MOSCOW. NAUCHNO-ISSEDOVATEL'SKII INSTITUT OSNOVANI I PODZEMNYKH SOORUZHENII. [Provisional technical instructions for using shields with horizontal shelves in the construction of tunnels in loose soil] *Vremennnye tekhnicheskie ukazaniia po primeneniiu shekitov s gorizontal'nymi polkami pri stroitel'stve tunnelei v sypuchykh gruntakh*. Moskva, Stroiizdat, 1966. 30 p.
- MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Toilers on the assault front, review of the recommended literature] *Tuzheniki udarnogo fronta, rekomendatsii nyl obzor literatury*. Moskva, Kniga, 1965. 15 p. (Liudi boi'shoi khimii i khimicheskoi nauki, no. 4)
- MOSCOW. TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNIЧЕСКОГО ИНФОРМАТИИ ПИЩЕВОЙ ПРОМЫШЛЕННОСТИ. [Scientific research and experimental construction work of the All-Union Scientific Research Institute of the Poultry Processing Industry during 1964] *Nauchno-issledovatel'skie i opytno-konstruktorskie raboty Vsesoiuznogo nauchno-issledovatel'skogo instituta ptitseperabatyvalushchei promyshlennosti v 1964 g.* Moskva, 1965. 10 p. [MICROFILM]
- MOSCOW. TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNIЧЕСКОГО ИНФОРМАТИИ ПИЩЕВОЙ ПРОМЫШЛЕННОСТИ. [Sublimation drying of food products] *Sublimatsionnaya sushka pishchevykh produktov*. Moskva, 1965. 73 p.
- MOSCOW. VSESIOUZNYI NAUCHNO-ISSEDOVATEL'SKII GEOLOGORAZVEDOCHNYI NEFTIANOI INSTITUT. [Handbook on the methodology of the luminescence study of bitumens] *Rukovodstvo po metodike luminescentno-bitumnologicheskikh issledovani. Pod red. T.E. Baranovoi, A.A. Il'inol i V.N. Florovskoi*. Leningrad, Nauka, 1966. 111 p.
- MOSCOW. VSESIOUZNYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'YA. [Industry's requirements as to the quality of mineral raw materials; a handbook for geologists] *Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov*. Moskva, Nedra. No. 30. Orlov, A.M. [Natural facing materials] *Prirodnyye oblitsovochnye materialy*. Nauchn. red. A.P. Davidovich. 1965. 52 p.
- MOSCOW. VSESIOUZNYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT ZHIVOTNOVODSTVA. [Methodology for studying the composition of cow's milk] *Metodika izucheniia sostava moloča korov*. Izd. 3, dop. i perer. [Moskva] Otdel nauchno-tekhn. informatsii VIZNa, 1964. 63 p. [MICROFILM]
- MOSKEVICH, M.M. [Mineral resources, production and use of beryllium, lithium, niobium, and tantalum in capitalist countries] *Mineral'no-syr'evyye resursy, proizvodstvo i potrebleniye berillia, litia, niobia i tantala v kapitalisticheskikh stranakh*. Pod red. D.I. Shcherbakova. Moskva, Nedra, 1966. 313 p.
- MOSKOVSKII INSTITUT ELEKTRONNOGO MASHINOSTROYENIYA. [Introductory lecture to the course "Technology of metals and nonmetallic materials"] *Vvodnaya lektsiia k kursu "Tekhnologiya metallov i nemetallicheskikh materialov"*. Moskva, 1965. 14 p.
- MYKOL'NIKOV, A.A., R.I. SHTUNDEL', and A.N. BATALOV. [Castings for metallurgical equipment] *Olitvki dlia metallurgicheskogo oborudovaniia*. Moskva, Mashinostroyeniye, 1966. 69 p.
- NAGORSKAYA, I.A. [Wood finishing with paint materials] *Odelka drovostroyi lakokrashchymi materialami*. Moskva, Khimlia, 1966. 233 p.
- NAMESTNIKOV, I.V., and V.F. MAKSIMOV. [Fundamentals of safety engineering, industrial sanitation and fire prevention in woodpulp and paper industries] *Osnovy tekhniki bezopasnosti, promyshlennoi sanitarii i protivopozharnoi tekhniki v tselulozno-bumazhnoi promyshlennosti*. Moskva, Lennaya promyshlennost', 1965. 90 p.
- NASONKIN, A.P., and A.A. ZAKIDYSHIEV. [Laboratory and practical work with electrical equipment] *Laboratornye raboty i prakticheskie zaniatiia po elektrobudovaniu*. Kiev, Izd-vo Kievskogo univ., 1965. 108 p.
- NATURA, E.P., and P.M. MAL'TSEV. [Accelerated settling of bentonite suspensions by flocculents] *Uskorennoe osazhdeniye bentonitovoi suspenzii flokuliantami*. Moskva, TsINTI Pishcheprom, 1965. 17 p.
- NESTEROV, I.I., N.N. ROSTOVTSSEV, and M.I. RUDKEVICH. [Treasures of your land; the oil and gas of Western Siberia] *Klady zemli tvoei; nef't i gaz Zapadnoi Sibiri*. Moskva, Znaniye, 1966. 39 p. (Novoe v zhizni, nauke, tekhnike. XIII Seriya: Nauka o zemle, no. 3)

- NIKOLAEV, A.G. [We shall meet in orbit] Vstrechina na orbite Moskva, Voenizdat, 1966. 226 p.
- NIKULICHEV, P.V. [New developments in the equipment and technology of the butter-making industry] Novoe v tekhnike i tekhnologii masloboi'noi promyshlennosti. Moskva, Pishchevala promyshlennost', 1955. 60 p. (Lektsii dlia zaochnogo obucheniia)
- NIKULIN, N.V., and V.V. KORTNEV. [Manufacture of electroceraamic items] Proizvodstvo elektrokeramicheskikh izdelii Moskva, Vysshaya shkola, 1965. 262 p.
- NOSKOV, I.U.A., S.F. MATALASOV, and V.I. CHERNIAEV. [Machine for breaking up frozen bulk freight] Mashina dlia rykhleniia amerzhikhkhsia navaletnykh gruzov. Moskva, Transport, 1966. 26 p. (Dobli-zheniia nauki i tekhniki - v proizvodstvo)
- ODELSKII, E.KH. [Gas supply of cities, program, methodological instructions and lectures] Gazosnabzhenie gorodov, programma, metodicheskie ukazaniia i lektsii. Minsk, Vysshaya shkola, 1965. 109 p.
- ORLOV, S.P. [Proportioning devices] Dozirusushchie ustroistva. Izd. 3., perer. i dop. Moskva, Mashinostroenie, 1966. 285 p.
- PANOV, D.IU., ed. [Engineering psychology. Translated from the English] Inzhenernaia psikhologiya; sbornik statei. Moskva, Progress, 1964. 694 p. (Shtrom)
- PAVLOV, B.V. [Cybernetic methods of technical diagnosis] Kiberneticheskie metody tekhnicheskogo diagnoza. Moskva, Mashinostroenie, 1966. 149 p.
- PEROVO. GOSUDARSTVENNYI VSEBOUZNYI NAUCHNO-ISLEDOVATELSKII TEKHNICHESKII INSTITUT REMONTA I EKSPLUATATSII MASHINOTRATORNOGO PARKA. [Technology of the maintenance of the T-74 tractor] Tekhnologiya tekhnicheskogo ukhoda za traktorom T-74 Moskva, Biuro tekhn. informatsii, 1965. 226 p.
- PIPKO, A.I., V.IA. PLESKOVSKII, and E.A. PENCIIKO. [Equipment for pumping out vacuum devices] Oborudovanie dlia otkachki vakuumnykh priborov. Moskva, Energiia, 1965. 462 p.
- PLATONOV, B.A. [Mamedaliev; pages from his life] Mamedaliev; stranitsy zhizni. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 221 p.
- POCHTAREV, N.F. [High-speed four-stroke diesel engines] Bystrokhodnyye chetyrekhkhodnyye dizeli. Moskva, Voenizdat, 1965. 210 p.
- POIARKOV, A.S. [General technology of asbestos spinning and weaving] Obshchaya tekhnologiya pradeniia i tkachestva asbesta. Moskva, Vysshaya shkola, 1965. 90 p.
- POPOV, P.A. [Design of electric frequency filters] Raschet chistotnykh elektricheskikh fil'trov. Moskva, Energiia, 1966. 215 p. (Biblioteka po radioelektronike)
- [PROGRESSIVE METHODS OF HOUSING CONSTRUCTION IN WHITE RUSSIA] Progressivnyye metody zhitishohnogo stroitel'stva v Belorussii. Moskva, "Belarus", 1965. 142 p.
- PROKHOROV, L.G. [Selecting norms and degrees of precision for cylindrical and bevel gear wheels and transmissions; a methods manual] Vybór norm i stepenoi tochnosti tsilindricheskikh i konicheskikh zubchatykh kolei i poriadki metodicheskogo posobie. Moskva, Mosk. in-t Inzhenerov zhel.dor. transporta, 1965. 34 p.
- RADINOVICH, B.V. [Introduction to foundry hydraulics: Properties of melts. Characteristics of flow, gating systems] Vvedenie v iteknu gidravliki: Svoystva rasplavov. Osobennosti tochniia, Liniinye sistemy. Moskva, Mashinostroenie, 1966. 422 p.
- RACHEVSKII, D.M. [Forms for the manufacture of reinforced-concrete products and elements] Formy dlia proizvodstva zhelezobetonnykh detalei i konstruktsii. Moskva, Stroiizdat, 1966. 102 p.
- RATNER, M.P. [Inductive effects of electrified railroads on electrical networks and pipelines] Induktivnoe vliianie elektrifitsirovannykh zheleznykh dorog na elektricheskie soti i truboprovody. Moskva, Transport, 1966. 163 p.
- RAVICH, M.B. [Determining the efficiency of the utilization of natural gas; textbook for students of courses for the improvement of the qualifications of graduate engineers in the field of "Gas and mozuot utilization"] Opredeleniye effektivnosti ispol'zovaniia prirodnogo gaza, uchebnoe posobie dlia slushatelei kursov usovershenstvovaniia znanii diplomirovannykh inzhenerov po teklu "Ispol'zovanie gaza i mazuta". Moskva, Mosk. in-t neftkhemicheskoi i gazovoi promyshli., 1965. 18 p.
- RAZUMOV, K.A. [Design of oil-dressing plants] Proektirovaniye obogatitel'nykh fabrik. Izd. 2., perer. i dop. Moskva, Nedra, 1965. 504 p.
- REKHSELD, V.O., and L.N. ERKOVA. [Equipment for the production of basic organic synthetics and synthetic rubbers] Oborudovanie proizvodstv osnovnykh organicheskogo sinteza i sinteticheskikh kauchukov. Moskva, Khimlia, 1965. 623 p. diagr. (Insert)
- REMEZ, G.A. [Course in fundamental radio engineering measurements] Kurs osnovnykh radiotekhnicheskikh izmerenii. Izd. 3., perer. i dop. Moskva, Sviaz', 1966. 423 p.
- [ROAD FOUNDATION BEDS AND COVERINGS OF STABILIZED SOIL] Dorozhnye osnovaniia i pokrytiia iz ukreplennykh gruntov. [By] V.M. Bezruk i dr. Moskva, Transport, 1966. 126 p.
- RUBINOVICH, L.D. [Manufacture and assembly of the piping systems and cooling devices of refrigerating plants] Izgotovlenie i montazh truboprovodov i okhlazhdalushchikh priborov khloditel'nykh ustanovok. Moskva, Pishchevala promyshlennost', 1966. 229 p.
- RUSSIA (1917- R. S. F. S. R.) Ministerstvo kommunalnogo khoziaistva. [Regulations on technical exploitation and safety measures for use in the gas industry of the R. S. F. S. R.] Pravila tekhnicheskoi ekspluatatsii i tekhniki bezopasnosti v gazovom khoziaistve RFSFR. Moskva, Stroiizdat, 1966. 162 p.
- RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie po mezhrespublikanskim postavkam lesa i stroitel'nykh materialov. [Manual of windows and door fittings] Spravochnik na oknnye i dvernye pribory. Sost. M.P. Surguchev. Pod red. A.G. Pogosova. Moskva, Stroiizdat, 1966. 134 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Stroiizdat, 1966. 21 p.
- Pl. 3, Sec. D. Ch. 9. [Contact networks; regulations for the organization of construction, execution of the work, and acceptance for operation] Kontaktnyye soti; pravila organizatsii stroitel'stva, proizvodstva rabot i priemki v ekspluatatsii (SNIP III-D. 9-62). 1965. 21 p.
- Pl. 4. [Estimates] Smetnye normy. Vol. 1, No. 1. Ch. 1. [General part] Obshchaya chast'. 1966. 149 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for designing navigable locks] Ukazaniia po proektirovaniu sudokhodnykh shlyuzov (SN 303-65). Moskva, Stroiizdat, 1966. 135 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for erecting reinforced-concrete structures in sliding forms] Ukazaniia po vozvedeniiu zhelezobetonnykh sooruzhenii v skolzashchey opalubke (SN 307-65). Moskva, Stroiizdat, 1965. 62 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for the design of service buildings and installations, lunch rooms, and dispensaries for construction and assembly organizations] Ukazaniia po proektirovaniu bytovykh zdaniy i pomeshchenii, punktov planiia i zdavypunktov stroitel'no-montazhnykh organizatsii (SN 276-64). Izd. 2., ispr. Moskva, 1966. 16 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Provisional instructions for performing and accepting the work of constructing underground tanks in stable rock for white petroleum products and compressed gases] Vremennye ukazaniia na proizvodstvo i priemku rabot po stroitel'stvu podzemnykh khranilishev v ustoiichivyykh gornyykh porodakh dlia avetnykh neftproduktov i szhizhennykh gazov (SN 314-65). Moskva, Stroiizdat, 1966. 16 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Album of graphs for regulations 28-64 on the measurement of the consumption of liquids, gases and vapors with standard diaphragms and nozzles] Albom grafikov k pravilam 28-64 izmereniia raskhoda zhidkostei, gazov i parov standartnyimi diafragmami i soplami. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1964. 148 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Instruction 102-62 on checking a. c. bridges] Instrukttsiia 102-62 po proverke mostov peremennogo toka. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1965. 53 p.
- RUSSIA (1923- U. S. S. R.) Komitet po nadzoru za bezopasnykh vedeniem rabot v promyshlennosti i gornom nadzoru. [Regulations for the construction and safe operation of cranes. Obligatory for all enterprises and organizations designing, manufacturing and operating cranes surveyed by the Committee on the Inspection of Safe Operations in Industry and Mine Inspection] Pravila ustroistva i bezopasnoi ekspluatatsii guzopod'nykh kranov. Obiazatel'nyye dlia vseh predpriiatiy i organizatsii, proektiruyushchikh, izgotovlyayushchikh i ekspluatiruyushchikh guzopod'emye krany, podnadzornye Gosgortekhnadzoru. Leningrad, Nedra, 1966. 127 p.
- RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Testing gauge blocks; a collection of instructions] Poverka ploskoparallelnykh kontsnykh mer dliny, sbornik instrukttsii. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1966. 230 p.
- RUSSIA (1923- U. S. S. R.) Ministerstvo geologii. [Keramik and agloporite as building materials] Keramzit i agloporit kak stroitel'nyye materialy. Moskva, Nedra, 1966. 148 p.
- RUSSIA (1923- U. S. S. R.) Tekhnicheskoe upravlenie po ekspluatatsii energosistemi. [Safety regulations for operating the electric systems of municipal power distribution networks] Pravila tekhniki bezopasnosti pri ekspluatatsii elektroostanovok gorodskikh elektricheskoi. Izd. 15., sterotipnoe. Moskva, Energiia, 1966. 85 p.
- SABODAKHO, S.V. [Industrial training of motor-vehicle divers] Proizvodstvennoe obuchenie voditelei avtomobilei. Moskva, Vysshaya shkola, 1966. 83 p.
- SAL'NIKOV, I.E. [Some information about computations with approximate numbers and the processing of measurement results; a lecture] Nekotorye svedeniia o vychisleniyakh s priblizhennymi chislami i obrabotke rezul'tatov izmerenii, teksta. Gor'kii, Bor'kovskii in-t inzhenerov vodnogo transporta, 1965. 42 p. (MICROFILM)
- SAMPLAVSKAYA, K.K., and A.I. MAIER. [General properties of metals] Obshchaya svoystva metallov. Moskva, Mosk. khimiko-tekhnologicheskii in-t, 1964. 28 p. (MICROFILM)
- SAMSONOV, D.E. [Principles of the design and construction of multicavity magnetrons; resonator systems] Osnovy rascheta i konstruirovaniia mnogorezonatornykh magnetrov, rezonatornyye sistemy. Pod red. S.E. Tomkina. Moskva, Sovetskoe radio, 1966. 223 p.
- SAVOST'YANOV, D.D. [Construction and repair of VK-2, VK-2m, and VK-3 calculating machines] Konstruktsiia i remont vychislitel'nykh mashin modeli VK-2, VK-2m i VK-3. Izd. 2., perer. i dop. Moskva, Statistika, 1965. 166 p.
- [SEMICONDUCTOR DEVICES AND THEIR APPLICATIONS] Poluprovodnikovyye pribory i ikh primeneniye; sbornik statei. Pod red. I.A.A. Fedolova. Moskva, Sovetskoe radio. No. 14. 1965. 271 p.
- SEMUCHKIN, V.N. [Organization of the technical operation of radio relay lines] Organizatsiia tekhnicheskoi ekspluatatsii radiootelnnykh lini, Moskva, Sviaz', 1965. 46 p. (Lektsii po tekhnike avtazii)
- SHAPIRO, A.I., and V.M. KATS. [Reducing sugar losses in beet-sugar manufacture] Shtzheniye poter' sakkhara v avktozakharom proizvodstve. Moskva, TsNTT Pishcheprom, 1965. 39 p.
- SHAPIRITSKII, V.N. [Purification of polluted air in metallurgy] Oshistka zagriznennoi vozdukh v metallurgii. [Moskva] Metallurgiya, 1965. 170 p.

- SHASHLOV, B. A. [Photographic optics] Fotograficheskaya optika, ucheb. d. posobie dlia FPT. Mosk. i. Mosk. pol'z. in-1, 1965. 85 p.
- SHCHECOLEV, M. M., and I. I. GLAS'V, F. I. M. S. IVANOV. [Editor's notes] Editorial'nye zametki. Moscow. Stroizdat, 1966. 423 p.
- SHKURIN, G. P. [Handbook on new radio measuring instruments] Spravochnik po novym radioizmeritel'nym priboram. Moskva, Voenizdat, 1966. 358 p.
- SHTEIN, I. I. [New roofing materials for large-panel roofs] Novye krovelnye materialy dlia trupopravleniia i krovli. Leningrad, Stroizdat, 1966. 126 p.
- SHUTENKO, M. S. [Low-noise microwave amplifiers] Maloshumashchii usiliteli SVCh. Moskva, Voenizdat, 1966. 150 p.
- SISIUKH, I. U. M. [Care of the hydraulic suspension systems of tractors] Ukhod za gidravicheskimi sistemami traktorov. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1963. 25 p. [Voprosy mekhanizatsii i stroitel'stva]
- [MICROFILM]
- SIVKOV, M. V. [Electronic multiplying and computing attachments to the T-5MU and T-5MV tabulators] Elektronicheskie umnozhitel'skie i vychislitel'nye pristavitki k tabulirovannym T-5MU i T-5MV. Moskva, Statistika, 1965. 62 p. (DEC)
- SKVERCHAK, D. A., and V. A. PONOMAREV. [Safety measures at enterprises for the storing and processing of grain] Tekhnika bezopasnosti na predpriyatiakh po khraneniui i pererabotke zerna. Moskva, Kolos, 1967. 351 p.
- SLAVUTSKII, A. K. [Technical and economic substantiation of the outline and construction of a network of agricultural roads] Tekhnico-ekonomicheskoe obosnovanie nachertaniia i stroitel'stva seti sel'skokhoziaistvennykh dorozh. Moskva, Transport, 1966. 116 p.
- SMIRNOV, B. V. [Fundamentals of radio engineering and communications equipment] Osnovy radiotekhniki i tekhniki s'v'язi. Moskva, Kolos, 1965. 383 p. (Uchebnye i vychibnye posobia dlia sel'skokhoziaistvennykh tekhnicheskikh)
- SMIRNOV, V. I., and A. I. TIKHONOV. [Roasting of copper ores and concentrates, theory and practice] Obzhig mednykh rud i konsentratov, teoriia i praktika. Izd. 2., ispr. i dop. [Moskva] Metallurgiya, 1966. 254 p.
- SOKOLOV, A. A. [Design of a selective RC-type electron-tube amplifier] Raschet izbratel'nogo lampovogo usilitelia tipa RC. Red. V. V. Artamonov. Moskva, Most energ in-1, 1965. 12 p. [MICROFILM]
- [SOME PROBLEMS OF THE DETECTION OF A SIGNAL MASKED BY FLUCTUATION NOISE. Translated from the English] Nekotorye problemy obnaruzhennia signalov, maskirovannogo fluktuatsionnoi pomekhoi, sbornik statei. Pod red. I. I. Shner. Moskva, Izd-vo Sovetskoe radio, 1965. 263 p. (Nizp)
- SORIN, I. A. M. [Reliability service] Sluzhba nadezhnosti. Moskva, Izd-vo "Znanie," 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya: Tekhnika, no. 8)
- SOVESICHANIE PO OTSENKE PERSPEKTIV METALLO-NOBOSTI KRIST. LICHESKOGO MASSIVA BELO-RUSSII. [Geology and prospects for finding metals in the Pre-Cambrian of White Russia and adjacent areas, reports] Geologiya i perspektivy metallonobosti dokembriia Belorussii i simezhnykh raionov; [doklady]. Minsk, Nauka i tekhnika, 1965. 334 p.
- STARODUB, D. O. [Pocket radios] Kyshe'kovyi radio-priymachi. Vyd. 2., stereotipnoe. Kyiv, Tekhnika, 1966. 190 p.
- STAROSTIN, S. M., and V. I. BUIANOV. [Instrument control of unhealthy working conditions in construction] Ob'ektivnyi kontrol' vreditel'nykh uslovii truda v stroitel'stve. Voronezh, Izd-vo Voronezhskogo univ., 1965. 97 p.
- STEFUKHOVICH, A. D. [Kinetics and mechanism of the thermal cracking of alkanes] Kinetika i mekhanizm termicheskogo krekinga alkanov. [Sarajev] Izd-vo Sarajevskogo univ. Pt. 1. 1965. 301 p.
- SUROWIAK, WIKTOR, and STEFAN CIUDZYNSKI. [Use of plastics in the machinery industry. Translated from the Polish] Primenenie plastmas v mashinostroenii. Moskva, Mashinostroenie, 1965. 426 p.
- SVETIAKOV, L. I. [Handbook on small radio receivers] Spravochnik po malogabaritnym radioprieml'mam. Moskva, DOSAAF, 1966. 94 p. (fold diagr. insert)
- TARKHANOV, B. I. [Safety manual for workers engaged in loading and unloading power transmission line poles] Pamiatka po tekhnike bezopasnosti dlia rabochikh, zaniatyykh na pogruzku i razgruzke opoi vozdukhnykh linii elektropereдачи. Moskva, Stroizdat, 1965. 31 p. (Tekhnika bezopasnosti v stroitel'stve)
- [TEJ DIESEL LOCOMOTIVE] Teplovoz TEJ. Transport, 1966. 139 p. (fold diagr. insert)
- [TECHNOLOGY OF WEAVING, preparation of warp and weft for weaving] Tekhnologiya tkachestva, pigotovanie osnovy i utka k tkachestvu. [By] F. M. Rozanov i dr. Moskva, Legkaya Industriia Pt. 1. 1966. 231 p.
- TEREZA, G. P., and E. V. VEREMEJ. [Electrical equipment of transformer testing stations] Elektrooborudovanie stantsii dlia ispytaniia transformatorov. Pod obshchei red. A. K. Ashatova. Moskva, Energiia, 1966. 250 p.
- [TESTING PAPER AND CARDBOARD] Ispytanie bumagi i kartona. [By] S. A. Puzyrev i dr. Moskva, Lesnaya promyshlennost', 1966. 410 p.
- TISHCHENKO, N. M., and V. G. MASHLYKIN. [Dynamometers and thyristors and their applications in automatic control] Dinamometry i ikh primeneniye v avtomatike. Moskva, Energiia, 1966. 128 p. (Biblioteka po avtomatike, no. 163)
- TRAPEZNIKOV, V. A., ed. [Theory of continuous automatic systems. Translated from the English] Teoriia neprepryvnnykh avtomaticheskikh sistem. Moskva, Nauka, 1965. 306 p. (CSmoR)
- TROITSKII, P. N. [Industrial framework] Promyshlennyye etazherki. Moskva, Stroizdat, 1965. 169 p.
- TRUBNIKOV, G. I. [Tractors] Traktory. Moskva, Vysshaya shkola, 1965. 271 p.
- TSENTRAL'NYI NAUCHNO-ISLEDOVATEL'SKII INSTITUT PATENTNOI INFORMATSII I TEKHNIKO-EKONOMICHESKIH ISLEDOVANI. [Index of the classes of inventions in the U.S.S.R. in five volumes] Ukazatel' klassov izobretenii SSSR v plati tomakh Moskva. Vols 2-5. 1965. 4 v.
- TSIBULEVSKII, P. I., ed. [Whirling data on asynchronous electric motors] Obmotachnye dannyye asinkhronnykh dvigatelei. Moskva, Energiia, 1966. .67 p.
- VAINBERG, D. V. [Spoked and disk-type gear wheels] Splisevye i diskovyye zubechatye koleasa. Moskva, Mashinostroenie, 1965. 200 p.
- VANIUSHENKOV, M. G. [Design of thin elastic plates by the method of initial functions] Raschet tonkikh uprugikh plastinok metodom nachal'nykh funktsii. Moskva, Mosk. inzhenerno-stroitel'n-1, 1965. 40 p. [MICROFILM]
- VARLAMOV, A. V. [Fuel equipment of diesel tractors] Toplivnaya apparatura dizel'nykh traktorov. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1963. 76 p. (Voprosy mekhanizatsii i stroitel'stva)
- [MICROFILM]
- VENKOV, G. V., and V. A. STROEV. [Use of mathematical methods and computers in the design and operation of electric power systems] Primenenie matematicheskikh metodov i sredstv vychislitel'noi tekhniki v proektirovani i ekspluatatsii energeticheskikh sistem. Moskva, Energiia, 1965. 277 p. (Energetika za rubezhom)
- VERNIKOV, S. M. [The road is being laid dividing the taiga] Lozhitska doroga, taiga i razdvigai. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963. 62 p. [MICROFILM]
- VIKTOROV, I. A. [Physical foundations of the application of Rayleigh and Lamb ultrasonic waves in technology] Fizicheskie osnovy primeneniia ul'trazvukovykh voln Releia i Lamba v tekhnike. Moskva, Nauka, 1966. 166 p.
- VINOLI, I. I. [Changing machine operator] Mashinist avtomaticheskoi mashiny. [Moskva] Metallurgiya, 1966. 101 p.
- VINNIKOV, I. Z. [Soldering] Palat'nyye raboty. Moskva, Vysshaya shkola, 1966. 176 p.
- VISULIN, F. P., and E. P. ZLOTNIKOV. [Specialization in the furniture industry of White Russia] Spetsializatsiia mebel'noi promyshlennosti Belorusskoi SSR. Minsk, In-t nauchno-tekhn. informatsii i propagandy, 1963. 61 p. [MICROFILM]
- VIZGALIN, V. I., D. G. VADIVASOV, and I. D. PASHIN. [Repairing tractors on a line] Remont traktorov na poloko. [Sarajev] Sarajevskoe knizhnoe izd-vo, 1963. 34 p. [MICROFILM]
- VIZIR, V. A. [Control of the quality of ceramic building materials] Kontrol' kachestva keramicheskikh stroitel'nykh materialov. Kiev, Budivelnik, 1966. 123 p.
- VLASOV, P. A., and others. [Repairing the cabins of tractors and motor vehicles] Remont kabin traktorov i avtomobilov. Moskva, Kolos, 1965. 96 p. (Biblioteka rabochego i remonta)
- VOLKOV, I. U. A., S. M. OSTROUKHOV, and I. P. ZATSEARINNYI. [Mechanization of the preparatory operations in housing construction in earthquake districts] Mekhanizatsiia rabot novogo etapa v zhilishchnom stroitel'stve seisnicheskikh raionov. Peti opaylovek-Kunchatski, Dnievnoye knizhnoe izd-vo, 1964. 20 p. [MICROFILM]
- VOPLINK, E. A. [Hoisting and conveying machinery; manual for correspondence students] Pod'emno-transportnyye mashiny; uchebnoe posobie dlia studentov-zaochnikov. Gor'ki, Gor'kovskii politekhn. in-1. A. A. Zhdanova, 1965. 135 p.
- VOROB'EV, M. A. [Course in designing equipment for cement plants] Kursovoye proektirovaniye po oborudovaniui tsementnykh zavodov. Moskva, Munk, khimiko-tekhnologicheskii in-1, 1965. 74 p.
- VSESOIUZNAIA KONFERENTSIYA PO ELEKTROSNAB-ZHENIUI I KONDITSIONIROVANIUI VOZDUKHA NA TRANSPORTE. [Electric power supply and air conditioning in transportation; conference materials] Energiosnabzheniye i konditsionirovaniye vozdukh na transporte, materialy konferentsii. Riga, Zinatn, 1965. 349 p.
- VSESOIUZNAIA KONFERENTSIYA PO TEORII I PRAKTIKE SAMONASTRAIVAIUSHIKHSIA SISTEM. 1963. [Adaptive control systems; transactions] Samonasiravayushiesia sistemy; trudy. Moskva, Nauka, 1965. 445 p.
- VSESOIUZNYI NAUCHNO-ISLEDOVATEL'SKII INSTITUT ZIELEZONETONNYKH IZDELII I NERUD-NYKH MATERIALOV. [Provisional instructions for the electrical curing of concrete wall panels during the building of series 1-404-A apartment houses] Vremennyye ukazaniia po elektropogrevo keramizirovannykh stepennykh paneli pri proizvodstve domov serii 1-404-A. Moskva, Stroizdat, 1966. 44 p.
- [THE WHOLE PLANET IS PROUD OF THEM, statesmen and public figures, journalists, writers and artists of foreign countries about the flights of Soviet astronauts] Imi gor'ditsia vsha planeta; gosudarstvennye i obshchestvennye dolozhii, zhurnalisty, pisateli i khudozhniki zarubezhnykh stran o polotakh sovetskikh kosmonavtov. Moskva, Voenizdat, 1966. 222 p.
- ZAEZDNYI, A. M. [Fundamentals of radio circuit design; linear circuits with harmonic effects] Osnovy raschetov radiotekhnicheskikh tsipol; lineinye tsipol pri garmonicheskikh vozdeistviyakh. Moskva, Svyaz', 1966. 367 p.
- ZAITSEY, M. M. [Mechanization of auxiliary and conveying operations; practices of Moscow machinery plants] Mekhanizatsiia vspomogatel'nykh i transportnykh rabot; iz opyta raboty moskovskikh mashinostroitel'nykh zavodov. [Moskva] Mosk. rabochii, 1966. 99 p.
- ZEMEL'MAN, M. A., ed. [Semiconductor devices in measuring technology. Translated from the German] Poluprovodnikovyye pribory v izmeritel'noi tekhnike; sbornik statei. Moskva, Energiia, 1964. 265 p. (CSmoR)
- ZHDANOV, I. U. A. [... Plus chemicalization. ... Plus khimizatsiia. Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1964] 33 p. [MICROFILM]

ZHUSIMAN, A. I. [Production and use of glutamic acid and sodium glutamate] *Proizvodstvo i primeneniye glutaminovoi kisloty i glutamata natriya*, Moskva, Tsentr. in-t nauchno-tekhn. informatsii pishchev. promyshl, 1965. 42 p.

[MICROFILM]

ZYKOV, D. D., ed. [General chemical technology of organic substances] *Obshchaya khimicheskaya tekhnologiya organicheskikh veshchestv*. [By] D. D. Zikov i dr. Izd. 2., perer. Moskva, Khimika, 1965. 604 p.

17. MILITARY & NAVAL SCIENCES

BOIKO, V. A., G. V. IL'IN, I. A. MAKOV. [Measurements made in the testing of ship mechanisms] *Izmereniya pri ispytaniyakh sudovykh mekhanicheskikh ustanovok*. Leningrad, Sudostroenie, 1965. 266 p.

FRID, E. G. [Ship construction] *Ustroystvo sudna*. Leningrad, Sudostroenie, 1966. 223 p.

IAKUBOVSKII, P. G. [Civil defense, a manual for professional and technical schools. General part] *Grazhdanskaya oborona, posobie dlya professional'no-tekhnicheskikh uchilishch. Obshchaya chast'*. Moskva, Vysshaya shkola 1966. 106 p.

KORABEL'NIKOV, A. A. [Diesel engines of hydrofoil boats] *Dizel'nye ustanovki sudov na podvodnykh kryi'takh*. Leningrad, Sudostroenie, 1966. 156 p.

KOROBENNIKOV, M. P. [Psychology for the sergeant] *Serzhanta o psikhologii*. Izd. 2., 1-ye i dop. Moskva, Voenizdat, 1965. 226 p. (Biblioteka serzhanta)

KUZNETSOV, V. A. [Design and calculation of the reactors of marine nuclear plants] *Komponovka i raschet reaktorov sudovykh iudernykh ustanovok*. Moskva, Transport, 1966. 218 p.

MAISAK, A. A., and P. A. PIL'GUN. [Operation of hydraulic logs] *Eksploataatsiya gidravlicheskikh lagov*. Moskva, Transport, 1966. 33 p. (Seriya Tekhnicheskoe sredstva sudovozhdeniya)

MIKHAILOV, A. V. [Navigation locks] *Sudokhodnye shliuzy*. Moskva, Transport, 1966. 527 p.

MIL'MAN, I. B. [Manual for longshoremen of class 4] *Uchebnik portovogo rabochego IV klassa*. 1-ye izd. Moskva, Transport, 1966. 170 p.

MOSCOW. TSENTRAL'NYI MUZEI SOVLTSKOI ARMII [For the Soviet government] *Za Sovetskuyu vlast'*. Moskva, 1963. 14 plates (MI)

MOSTSEEV, V. M. [By the perpetual ice] *U vechnykh ledov*. Moskva, Voenizdat, 1966. 169 p.

MSHANETSKII, B. A. [Automatic thermoregulation in marine diesels] *Avtomaticheskoe termoregulirovaniye v sudovykh dizel'nykh*. Moskva, Transport, 1966. 60 p.

NAUMENKO, V. S. [Safety manual for workers laying pavements] *Pamiatka po tekhnike bezopasnosti dlya moslovshchika*. Moskva, Stroiizdat, 1965. 23 p. (Tekhnika bezopasnosti v stroitel'stve)

NOVOSIBIRSK. INSTITUT INZHENEROV VODNOGO TRANSPORTA. [Methodological manual on the design, construction, and maintenance of asphalt-concrete pavements in shore stabilization and river regulation; for courses in the improvement of the qualifications of engineers in the Novosibirsk Institute of Engineers of Water Transportation specializing in the "Major improvement of navigation conditions in difficult sections of rivers and the design of regulatory structures"] *Metodicheskoe posobie po proektnovaniyu, stroitel'stву i eksploatatsii asfal'tobetonnykh pokrytiy pri beregovoyeplenii i vypravlenii iek, dlya kursov povysheniya kvalifikatsii inzhenerno-tekhnicheskikh rabotnikov pri NIIVTe po spetsializatsii "Kapital'noe uuluchsheniye sudokhodnykh uslovii na zatrudnitel'nykh uchastkakh iek i proektnovaniye vypravitel'nykh sooruzhenii"*. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 60 p.

RUSSIA (1623- U. S. S. R.). Ministerstvo oborony. [Disciplinary regulations of the Armed Forces of the U. S. S. R.] *Distsiplinarnyye ustavy Voennoy armii SSSR*. Moskva, Voenizdat, 1966. 47 p.

SHCHETNINA, A. I., ed. [Practical manual for navigators] *Prakticheskoe rukovodstvo dlya shchitmanov*. Moskva, Transport, 1965. 558 p.

SIZYKII, V. A. [Principles of industrial automation, abstract of lectures for students of the navigation and technical institutes] *Osnovy avtomatizatsii proizvodstva, konpekt teksta dlya uchashchikhshola rochnykh uchilishch i tekhnikumov*. Moskva, M-vo tekhno. flota RSFSR, 1965. 61 p. [MICROFILM]

SPITIKOVSKII, M. I. [Vessels of the dredging and auxiliary fleet] *Suda tekhnicheskogo i vopomogatel'nogo flota*. Moskva, Transport, 1965. 204 p.

STROKOV, A. A., ed. [History of the art of war] *Istoriya voennogo iskusstva*. Moskva, Voenizdat, 1966. 654 p. (Biblioteka ofitsera)

VISIRIN, G. M. [Selection of moving targets] *Selektatsiya dvizhashchikhshola tseloi*. Moskva, Voenizdat, 1966. 274 p.

ZUBAREV, S. P. [In the name of the Communist Youth League of Udmurtia, from the campaign history of the 174th Separate Tank Destroyer Battalion named after the Communist Youth League of Udmurtia] *Imeni komсомолa Udmurtii, iz istorii berevogo puti 174-go Otdel'nogo tankovogo profbratankovogo diviziona imeni komсомолa Udmurtii. 1-ya vsk, "Udmurtiya," 1965. 71 p. (CSI-1)*

ZYKOVA, O. P. [Technical and economic indices of the performance of seagoing vessels] *Tekhniko-ekonomicheskie pokazateli raboty morskogo sudna*. Moskva, Transport, 1965. 161 p. (Ekonomika i eksploatatsiya morskogo transporta)

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

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AK' DEMILA NAUKA GRUZINSKOI SSR, Tiflis, Soobshchenia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports], Tiflis, vol. 36, no. 2, Nov. 1964.

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- Table of contents translated
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LENINGRAD, UNIVERSITET, Vestnik [UNIVERSITY Review], Vol. 19, no. 20, 1964, Seriya istorii, iazyka i literatury [Series in History, Language, and Literature], no. 4.

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Altukurov, S. A. - The development of small industry in Kirghizistan in the late 19th and early 20th centuries, p. 97.
Dorenbekova, R. E. - Problem of the development of capitalist relations in the agriculture of the northern regions of Kirghizistan, p. 123.
Abyshbaev, A. - The economy and material culture of the Karategin Kirghiz in the late 19th and 20th centuries, p. 136.
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Davletov, A. K. - Brief historical study of confrontation and interrogation in Russia, p. 199.
Karaboev, O. K. - Practical work of history students in the museums of Novgorod, p. 216.

***SOVETSKAYA ANTARKTICHESKAYA EKSPEDITSIYA, 1955-1958. Informatsionnyi biulleten' [SOVIET ANTARCTIC EXPEDITION, 1955-1958, Information Bulletin]. Leningrad, no. 54, 1965.**

- Table of contents translated:
Drialskiy, V. M. - Results of recording cosmic radio noise at the Mirnyy observatory in 1963, p. 5.
Serisapov, S. T. - Relations of some geophysical processes of central Antarctica to weather changes, p. 12.
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Aleshinskaya, Z. V., Bardin, V. I. - Diatom flora of the Schirmacher Ponds, p. 47.
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No. 55, 1965.

- Table of contents translated:
Ostrekin, M. E. - Results of the work of the Tenth Seasonal Antarctic Expedition, p. 6.
Ledenev, V. G., Evdokimov, A. P. - Changes in the West and Amery Shelf ice, p. 12.

- Aleksandrov, A. S. - Some characteristics of the atmosphere in the Mirnyy region in January-February 1965, p. 18.
Chikovskiy, S. S. - Determining the load capacity of fast ice in the Mirnyy region, p. 23.
Chikovskiy, S. S. - Breaking up of fast ice in the Mirnyy region in the summer of 1965, p. 28.
Spichkin, V. A. - Are supercooled waters possible in the Antarctic? p. 31.
Spichkin, V. A. - Role of evaporation in the surface ablation of sea ice, p. 34.
Eremkin, N. N. - Natural radioactivity of the Schirmacher Ponds, p. 37.
Voreslitskiy, I. U. P. - Character of the disturbance of the earth's magnetic field in the Novolazarevskaya Station region in 1964, p. 40.
Norman, A. I. U. - Seismic observations at Novolazarevskaya Station during the work of the Tenth Soviet Antarctic Expedition, p. 42.
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Bibliography, p. 61.

No. 57, 1966.

- Table of contents translated:
Korotkevich, E. S. - Soviet research in the Antarctic for 10 years, 1956-1966, p. 5.
Markov, K. K. - Ten years of Soviet geographical studies of the Antarctic, p. 21.
Ravich, M. G. - Geological structure of Antarctica, p. 28.
Dolgin, I. M. - Some results of meteorological and aerological studies in Antarctica for the period of 1956-1966, p. 43.
Tauber, G. M. - Atmospheric circulation in the Antarctic, a brief survey of the present state of the problem, p. 60.
Tarakanov, G. G. - Vertical motions in the atmosphere over the Antarctic, p. 65.
Villmann, Ch. I. - Significance of observations on noctilucent clouds, p. 71.
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Kotlikov, V. M., Lazarev, G. E., Liubarets, M. M. - Now data on the snow accumulation regime in the inland areas of East Antarctica, p. 85.
Petrov, V. N., Smirnov, N. P., Darkov, N. I. - Periodicity of snow accumulation in Antarctica, p. 97.
Briunelli, B. E. - Basic results of geophysical research at high latitudes, p. 107.
Andrianashov, A. P. - Ten years of biological research of the Soviet Antarctic Expedition, 1956-1966, p. 120.
By radio from the Antarctic, p. 128.

TAMBOV. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Voronezh, no. 22, 1965. Birds of artificial forest stands.

- Table of contents translated:
Dudutchenko, A. S. - Birds of artificial forest stands of the steppe nature and their feeding habits, p. 6.
Strokov, V. V. - Penetration of birds into the cities and their nesting under city conditions, p. 286.
Skoptsov, A. G. - Changes in the avifauna in the vicinity of Tambov from 1949 to 1963, p. 305.
Rymashevskaya, R. S. - Fruit mites and their predators in Tambov Province, p. 312.

TARTU. ULIKOOL. Toimetised. Uchenye zapiski Tartusko gosudarstvennogo universiteta [UNIVERSITY. Studies]. Nos. 153, 1964. Trudy po geologii [Works in Geology], vol. 2, No. 172, 1965.

VOLGOGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Sbornik nauchnykh rabot [STATE PEDAGOGICAL INSTITUTE. Papers]. No. 1, 1964.

- Table of contents translated:
Kupushova, A. G., Podobed, N. D. - Theory of phototurbidimetric analysis; light extinction method for studying the system $PbSO_4 - C_2H_5OH - H_2O$ in the presence of cations of different valence, p. 3.
Bergman, A. G., Nesterova, A. K. - Ternary system from urea and sodium and potassium thiocyanates, p. 8.
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Eremich, K. A. - Conditions improving the effectiveness of nitrogen in Light Chostnat soils, p. 30.
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- Zhurkina, A. G. - Winter hardness of trees and shrubs in Volgograd as related to their geographical origin. p. 49.
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- Lobachev, I. U. M. - Activity of the party organization of the lower Volga Valley in fighting illiteracy of workers during the first five-year plan (1928-1932). p. 98.
- Kolomeitseva, S. A. - International relations of the workers of Volgograd during the first five-year plan. p. 100.
- Lisitsin, S. P. - Participation of the workers of Volgograd in raising agricultural production of the province (1944-1958). p. 115.
- Kozhichenko, V. A. - Struggle of workers and sailors of Berlin against the counter-revolutionary conspiracy at the end of December of 1918. p. 123.
- Golovkina, N. D. - Sociological views of A. I. Herzen. p. 133.
- Madinnov, A. S. - Curialment of the seasonal nature of work as an important condition for the improvement in the use of work force on collective farms. p. 141.
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- Fedorov, V. A. - Lexical interrelationships between component parts of a complex sentence. p. 243.
- b. POPULAR MAGAZINES**
- AMERIKA; Illustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency Washington, D. C., no. 115, 1966.
- ANGLIA [ENGLAND]. London, nos. 3-4, 1965; no. 1, 1966.
- ASIA I AFRICA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii i Institut Afiki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 9, no. 3, Mar. 1966.
- Table of contents translated.
- Smirnova, R. - We wish you success, daughters of Africa! p. 2.
- Smetanin, N. - The right to happiness. p. 3.
- Cruz, Manuel. - "Live!," the Dawn. p. 8.
- Shaposhnikova, L. - Council of the Rosewood Village. p. 10.
- Resha, Magdallina. - In the ranks of the fighters. p. 13.
- Svyatlov, G. - "The night moths" of Tokyo. p. 14.
- Karpovich, K. - The family problem in Nigeria. p. 15.
- Kalinikova, E. - Parents choose the bridegroom. p. 16.
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- TSopp, V. - The proud heart of Mozambique. p. 28.
- Prilykovskii, L. - African workers and their income. p. 30.
- Pleshakov, L. - Singapore, photographic report. p. 32.
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- Volk, S. - Miriam Makeba. p. 41.
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- Nikulin, N. - A pride of Vietnamese poetry. p. 47.
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- Morris, John. - Customs of the mountain tribes (to be continued). p. 50.
- Katsen'son, I. - How a legend was confirmed. p. 53.
- "The Spark" and "scapy" Williams. p. 58.
- DARVINOK [PERIVINKLE]. Issued by Tsentral'nyi komitet Leningradskogo kommunisticheskogo sojuzu molodi Ukrainy and Respublikanskaya rada Vsesojuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 3, Mar. 1966.
- BELARUS' [WHITE RUSSIA]. Organ of Saluz pis'mennikau BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 23, no. 4(240), Apr. 1966.
- BELARUSKAYA MOLADZ'. BYELORUSSIAN YOUTH. Issued by Zgortavan'ne belaruskas moladzi u Ameriky [White Russian Youth Association of America]. New York, vol. 7, no. 23, 1965.
- DADZIS [THISTLE]. Riga, nos. 4(220)-6(222), 1966. [in Latvian]
- DRUZHNO VPERED [FORWARD TOGETHER]. Issued by Kul'turna spilka ukrain's'kykh iudiashchelykh Chekhoslovachchyn [Cultural Association of the Ukrainian Workers of Czechoslovakia]. Piesov, vol. 10, no. 3, Mar. 1966. [in Ukrainian]
- JAUNIMO GRETOS [THE RANKS OF YOUTH]. Issued by Lietuvos leninio komjaunimo salugos Centro komitetas [Central Committee of the Lenin Communist Youth League of Lithuania]. Vilnius, nos. 2(255)-3(256), Feb.-Mar. 1966. [in Lithuanian]
- KAPKAN, chuvashskii satiricheskiy zhurnal [TRAP; Chuvash Satirical Magazine]. Cheboksary, nos. 3(462), 5(464)-6(466), Feb.-Mar. 1966. [in Chuvash]
- KITAI [CHINA]. Published by Izdatel'stvo literaturnykh iazykakh [Publishing House for Literature in Foreign Languages]. Peking, nos. 2-3, 1966.
- KOREIA [KOREA]. Pyongyang, nos. 2(115)-3(116), 1966.
- KOSTER [CAMPFIRE]. Issued by Tsentral'nyi komitet Vsesojuznogo leninskogo kommunisticheskogo sojuzu molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 3, Mar. 1966.
- KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, vol. 44, nos. 6(1800)-9(1803), Feb.-Mar. 1966.
- KRYLATI [THE WINGED ONES]. Issued by Tsentral'na uprava SUM [Central Committee of the Ukrainian Youth Association]. New York, vol. 3, nos. 8-9, Aug.-Sep. 1966.
- KUL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Sojuz sovet'skikh obshchestv druzhy i kul'turnoi svyazi s zarubezhnyimi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 10, no. 4, 1966.
- KULTUUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministeerium ja Eesti NSV Ameerikaga Nõukogu [Ministry of Culture of the Estonian S. S. R. and the Council of Trade Unions of the Estonian S. S. R.]. Tallinn, vol. 9, nos. 3-4, Mar.-Apr. 1966. [in Estonian]
- LIESMA [FLAME]. Issued by Latvijas LKSJ [Centrala komiteja [Central Committee of the Lenin Communist Youth League of Latvia]. Riga, nos. 3(96)-4(97), Mar.-Apr. 1966. [in Latvian]
- MEDENIET ZHENE TURMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S. S. R.]. Alma-Ata, no. 3(93), Mar. 1966. [in Kazakh]
- MURZILKA. Issued by Tsentral'nyi komitet Vsesojuznogo leninskogo kommunisticheskogo sojuzu molodezhi and Tsentral'nyi sovet Vsesojuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 3, Mar. 1966.
- NIVA [FIELDS OF GRAIN]. Moscow, no. 3, 1966.
- NOORUS [YOUTH]. Issued by Eesti NSV Leningradskii Kommunistlikku Noorisoühingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, vol. 21, nos. 3(233)-4(234), Mar.-Apr. 1966. [in Estonian]
- NOVAIA KOREIA [NEW KOREA]. Published by Izdatel'stvo literaturnykh iazykakh [Foreign Language Publishing House]. Pyongyang, no. 2(115), 1966.
- OGONEK [THE LITTLE LIGHT]. Moscow, vol. 44, nos. 11(2020)-15(2024), Mar.-Apr. 1966.
- OTCHIZNA; in slozhenie k zhurnal "Golos Rodiny" [THE FATHERLAND; Supplement to the Periodical "The Voice of Our Country"]. Issued by Sovetskii komitet po kul'turnym svyazim s soobestvennyimi za rubezhom [Soviet Committee for Cultural Relations with Our Countrymen Abroad]. Berlin, no. 4(30), Apr. 1966.
- OYVD. HORIZON. Published by Mykola Denysak Publishing Co. Chicago, vol. 17, no. 1(136), Jan.-Mar. 1966.
- PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radnashka Ukraina." Kiev, vol. 26, no. 4 (567), Feb. 1966.
- PILT JA SONA [PICTURE AND WORD]. Tallinn, vol. 21, nos. 3(238)-4(239), Mar.-Apr. 1966. [in Estonian]
- PIONEER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin Ashkhabad, no. 2, Feb. 1966. [in Turkmen]
- PIONEER [PIONEER]. Issued by Tsentral'nyi komitet Vsesojuznogo leninskogo kommunisticheskogo sojuzu molodezhi and Tsentral'nyi sovet Vsesojuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, no. 3, Mar. 1966.
- RABOCHE-KREST'YANSKII KORRESPONDENT [WORKERS AND PEASANTS CORRESPONDENT]. Published by Izdatel'stvo [Publishing House] "Pravda." Moscow, nos. 2-3, Feb.-Mar. 1966.
- RANOK [MORNING]. Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, no. 3(155), Mar. 1966.
- RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., vol. 13, no. 145, Apr. 1966.
- SEL'SKAYA MOLODEZH' [RURAL YOUTH]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 2-3, Feb.-Mar. 1966.
- SKYNTAIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, vol. 38, no. 2, Feb. 1966. [in Moldavian]
- SILUOTA [THE BROOM]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 4(275)-7(278), Feb.-Apr. 1966. [in Lithuanian]
- SOGLASIE [CONCORD]. Los Angeles, Calif., vol. 15, no. 175, 1966.
- SOVETSKII SOJUZ [SOVIET UNION]. Moscow, no. 4(104), 1966.
- SVYTYRYS [THE LIGHTHOUSE]. Vilnius, vol. 18, nos. 4(412)-6(414), Feb.-Mar. 1966. [in Lithuanian]
- UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radnashka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 26, nos. 12(480)-13(481), Mar. 1966.

VYZVOL'NYI SHLIKH [LIBERATION PATH] London, vol. 13(19), no. 3(216), Mar. 1966

ZHIZN' GLUKHIKH [LIFE OF THE DEAF] Issued by Vserossiiskoe obshchestvo glukhih [All-Russian Society of the Deaf] Moscow, vol. 19, no. 3, Mar. 1966

ZHIZN' SLEPYKH [LIFE OF THE BLIND] Organ of Vserossiiskoe obshchestvo slepykh [All-Russian Society of the Blind] Moscow, vol. 43, nos. 2-3, Feb.-Mar. 1966.

ZVAIGZNE [THE STAR]. Riga, vol. 16, nos. 5(375)-6 (376), Mar. 1966 [In Latvian]

2. BIBLIOGRAPHY

■ BIBLIOGRAPHY

AKADEMIYA NAUK SSSR. Sektor seti spetsial'nykh bibliotek. Bibliotечно-библиографическая информация [ACADEMY OF SCIENCES OF THE U. S. S. R. Sector of Special Libraries. Library and Bibliographical Information] Moscow, nos. 2(55)-4(57), 1965.

BIBLOS, ZHURNAL UKRAINS'KOI BIBLIOGRAFIYI [JOURNAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol. 12, nos. 1(112)-2(113), Jan.-June 1966.

EZHEGODNIK KNIG SSSR, sistematicheskii ukazatel' [ANNUAL OF SOVIET BOOKS, Classified Index] Vol. 2, 1964. Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber] Moscow, 1965.

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKII SPISOK I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVetskogo Soyuza [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaya biblioteka SSSR [State Library of the U. S. S. R.]. Moscow, vol. 10, no. 4, Feb. 1966.

JAUNAS GRAMATAS [NEW BOOKS]. Riga, nos. 1(91)-2(92), Jan.-Feb. 1966 [In Latvian]

KNIZHNAIA LETOPIS' [BOOK CHRONICLE] Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber] Moscow, nos. 13-15, 17, 1966
— Dopolnitel'nyi vypusk [Supplementary Issue] No 1, 1966. Vspomogatel'nye ukazateli k nos. 7-9, 10-12 za 1965 g. [Indexes to nos. 7-9, 10-12 for 1965] Ukazatel' seriyinykh izdaniy [Series Index for 1965]

LETAPIS DRUKU BSSR. LETOPIS' PECHATI BSSR [CHRONICLE OF THE PUBLICATIONS OF THE WHITE RUSSIAN S. S. R.]. Issued by Driazhnaia biblioteka BSSR and Knizhnaya palata BSSR [State Library of the White Russian S. S. R. and the Book Chamber of the White Russian S. S. R.]. Minsk, nos. 10-11, Oct.-Nov. 1966.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, no. 3, 1966.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 6, 9-12, 1966

METODICHESKIE MATERIALY PO GOSUDARSTVENNOI BIBLIOGRAFICHESKOI REGISTRATSII [MATERIALS ON THE METHODOLOGY OF STATE BIBLIOGRAPHICAL REGISTRATION]. Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, no. 23, 1966.
Contents: [Classification of literature in the agencies of the bibliographical registration service] Klassifikatsiya literatury v organakh gosudarstvennoi registratsionno-uchetnoi bibliografii. 189 p.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISLEDovATELSKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, 1965, nos. 1-2, 1966.

NOVAIA LITERATURA PO BOIGARIY [NEW LITERATURE ON BULGARIA] Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, nos. 2-3, 1966

NOVAIA LITERATURA PO CHEKHOSLOVAKII [NEW LITERATURE ON CZECHOSLOVAKIA] Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, nos. 2-3, 1966

NOVAIA LITERATURA PO GERMANSKOI DEMOKRATICHESKOI RESPUBLIKE [NEW LITERATURE ON THE GERMAN DEMOCRATIC REPUBLIC] Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, no. 2, 1966

NOVAIA LITERATURA PO YUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA] Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, nos. 1-2, 1966.

NOVAIA LITERATURA PO POL'SHE [NEW LITERATURE ON POLAND]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, no. 2, 1966

NOVAIA LITERATURA PO RUMYNII [NEW LITERATURE ON ROMANIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, no. 2, 1966.

NOVAIA LITERATURA PO VENGRIY [NEW LITERATURE ON HUNGARY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, nos. 1-3, 1966

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM AZII I AFRIKI [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF ASIA AND AFRICA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, nos. 1-2, 1966

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISLEDovATELSKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U. S. S. R.]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-2, 1966.

NOVI KNHYI URSR [NEW BOOKS OF THE UKRAINIAN S. S. R.]. Issued by Knyzhkova palata URSR [Book Chamber of the Ukrainian S. S. R.]. Kiev, nos. 2-7, Jan.-Mar. 1966.

NOVYE KNIGI: eshenedel'nyi informatsionno-bibliograficheskii zhurnal [NEW BOOKS, Bibliographical Information Weekly] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po pechatii [State Committee of the Council of Ministers of the U. S. S. R. for Printing]. Moscow, vol. 11, nos. 11, 13-16, Mar.-Apr. 1966.

NOVYE KNIGI SSSR [NEW BOOKS OF THE U. S. S. R.]. Issued by Vsesoyuznaya ob'edineniya "Mezhdunarodnaya kniga" [All-Union Association "International Book"]. Moscow, nos. 12-15, Mar.-Apr. 1966

NOVYE KNIGI ZA RUBEZHOM. Seriya V: Biologiya, medicina, sel'skoe khoz'yaistvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 10, no. 3, Mar. 1966.

NOVYE KNIGI ZA RUBEZHOM PO OBNCHESTVENNYM NAUKAM: ekonomika, filosofiya, istoriya, mezhdunarodnye otnosheniya [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES, Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 9, no. 3, Mar. 1966.

SOVETSKAIA BIBLIOGRAFIYA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, no. 6(91), 1965.

Table of contents translated:
Tonstov, G. P. - Problems of general retrospective bibliography in the non-Russian republics, p. 3.
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SVODNYI DOPOLNENIY NOVIKH INOSTRANNYKH KNIG, POSTUPIVSHIHX V BIBLIOTEKI SSSR. Seriya A: Estestvennyye nauki, meditsina, sel'skoe khoz'yaistvo, tekhnika [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U. S. S. R. Series A: Natural Sciences, Medicine, Agriculture, Technology]. Moscow, no. 4(86), 1965.

b LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstva kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.]. Moscow, vol. 43, no. 3, Mar. 1966.

Table of contents translated:
Prepari for the congress, p. 1.
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BIBLIOTEKOVEDENIE I BIBLIOGRAFIYA ZA RUDEZHOM
[LIBRARY SCIENCE AND BIBLIOGRAPHY ABROAD].
Issued by Gosudarstvennaya biblioteka SSSR imeni
V.I. Lenina [Lenin State Library of the U.S.S.R.],
Moscow, no. 17, 1966.

Table of contents translated:
Khadzhikhristov, Kh. - Present-day status and
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MOSCOW, PUBLICHNAIA BIBLIOTEKA, Trudy [PUBLIC
LIBRARY, Transactions], Vol. 9, 1966.

Table of contents translated:
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c. PRINTING & THE BOOK TRADE

KNIZHNAIA TORGOVIA [BOOK TRADE]. Issued by
Komitet po pechatni pri Sovete Ministrov SSSR and
TSentral'nyi sotuz potrebitel'skikh obshchestv SSSR
[Committee for Printing, Attached to the Council of
Ministers of the U.S.S.R. and the Central Union of
Consumer Societies of the U.S.S.R.]. Moscow,
vol. 16, no. 12, Dec. 1965.

Table of contents translated:
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MOSCOW, NAUCHNO-ISLEDovATELSKII INSTITUT
POLIGRAFICHESKOGO MASHINOSTROENIYA, Trudy
[SCIENTIFIC RESEARCH INSTITUTE OF PRINTING
MACHINERY MANUFACTURE, Transactions].
No. 28, 1964.

Table of contents translated:
Anfilov, I. V. - Devices for fixing the image in
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POLIGRAFIYA [PRINTING]. Organ of Gosudarstvennyi
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NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII
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NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII
[NEW SOVIET LITERATURE ON PHILOSOPHY]
Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, nos 2-3, 1966.

UCHENYE ZAPISKI KAFEDRY MARKSISTSKO-LENINSKOI FILOSOFII VYSSHEI PARTIINOI SHKOLY PRI TsK KPSS I MESTNYKH VYSSHIKH PARTIYNKHX SHKOL [STUDIES BY THE DEPARTMENTS OF MARXIST-LENINIST PHILOSOPHY OF THE HIGHER PARTY SCHOOL, ATTACHED TO THE CENTRAL COMMITTEE OF THE CPSU, AND LOCAL HIGHER PARTY SCHOOLS]. Moscow, no. 5, 1966.

- Table of contents translated:
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VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 20, no. 3, 1966.

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DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING] Helsinki, vol. 45, no. 3, 1966

HOLOS SPASYTELIA. REDEEMER'S VOICE. Issued by Olst Redemptoiysty [Redemptorist Fathers]. Yorkton, Canada, vol. 38, no. 4, Apr. 1966.

LIUDYNA I SVIT [MAN AND THE WORLD]. Issued by Tovarystvo "Znannia" Ukrain's'koi RSR ["Knowledge" Society of the Ukrainian S.S.R.]. Kiev, vol. 6, no. 4 (87), Apr. 1966.

NAUKA I RELIGIYA [SCIENCE AND RELIGION]. Issued by Vsesoyuznoe obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, vol. 8, no. 4, Apr. 1966

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO VOPROSAM ATETIZMA I RELIGII [NEW SOVIET AND FOREIGN LITERATURE ON THE PROBLEMS OF ATHEISM AND RELIGION]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 2-3, 1966.

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]. Moscow, no. 2, 1966.

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PRAVOSLAVNAIA ZHIZN'. ORTHODOX LIFE. Monthly Supplement to "Pravoslavnaia Rus'" ["Orthodox Russia"]. Published by the Holy Trinity Monastery, Jordanville, N. Y., nos. 4-5, 8, 10, 12, Apr., May, Aug., Oct., Dec. 1965.

RIDNA TSERKVA [OUR BELOVED CHURCH]. Issued by Bohoslovsko-naukovyi Instytut Ukrainy [koi avtokofalnoi pravoslavnoi tservy na chuzhyi] [Theological Institute of the Ukrainian Autocephalous Orthodox Church Abroad], Munich, vol. 15, no. 66, Apr. - June 1966.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropoliihli okrug Russkoi Pravoslavnoi Tserkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 61, nos. 8, 12, Aug., Dec. 1965; vol. 62, no. 1, Jan. 1966.

TSERKOVNYI VESTNIK [CHURCH HERALD]. Organ of Pravoslavnaia tservkov' v Pol'she [Orthodox Church in Poland], Warsaw, vol. 13, no. 1, Jan. 1966.

VIRA I KULTURA. FAITH AND CULTURE. Organ of Ukrainy'ske naukove bohoslovsko tovarystvo [Ukrainian Theological Society], Winnipeg, vol. 29, no. 1 (145), Nov. 1965.

4. HISTORY

a. GENERAL

AKADEMIA NAUK SSSR. Institut narodov Azii. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Peoples of Asia. Brief reports]. Moscow, no. 60, 1965. Study of the manuscripts and xylographs of the Institute of the Peoples of Asia.

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ISTORIA SSSR [HISTORY OF THE U.S.S.R.]. Issued by Institut Istori Akademi nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 10, no. 1, Jan. - Feb. 1966.

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KALENDAR' ZNAMENATEL'NYKH I PAMIATNYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES]. Issued by Izdatel'svo "Sovetskii Rossiia" and Gosudarstvennaia biblioteka istoricheskoi biblioteka RSFSR ["Soviet Russia" Publishing House and the State Public Historical Library of the R.S.F.S.R.], Moscow, vol. 11, no. 3, 1966.

NARODY AZII I AFRIKI. istoriia, ekonomika, kul'tura [PEOPLES OF ASIA AND AFRICA. History, Economics, Culture]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.], Moscow, no. 2, 1966.

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NOVAIA LITERATURA PO OBNICHIM PROBLEMAM EVROPEISKIIH SOTSIALISTICHESKIIH STRAN [NEW LITERATURE ON THE GENERAL PROBLEMS OF THE EUROPEAN SOCIALIST COUNTRIES]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 2, 1966.

NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-2, 1966.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. S. R.]. Moscow, vol. 21, no. 2, Mar.-Apr. 1966.

SOTSIAL'NO-EKONOMICHESKIE PROBLEMY ISTORII ISPANII [SOCIOECONOMIC PROBLEMS IN THE HISTORY OF SPAIN]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1965.

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SOVETSKOE SLAVIANOVEDENIE [SOVIET SLAVIC STUDIES]. Issued by Institut slavianovedeniia Akademii nauk SSSR [Institute of Slavic Studies of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1966.

- Table of contents translated.
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Contents: Sadykov, A. S. [Economic relations of Khiva and Russia in the second half of the 19th and the beginning of the 20th century] Ekonomicheskie svyazi Khivy s Rossiya vo vtoroi polovine XIX - nachale XX vv. 181 p.

UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL]. Issued by Institut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S.S.R.] and others. Kiev, vol. 10, no. 1, Jan. 1966.

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- Table of contents translated:
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- Table of contents translated:
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No. 105, 1965. Antiquities of the northwestern part of the Black Sea region.

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- Table of contents translated:
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BUKHGALITRSKIY UCHET [ACCOUNTING]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.], Moscow, no. 2, Feb. 1966.

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KOOPERATON KAZAKHISTANA [THE COOPERATIVE WORKER OF KAZAKHISTAN]. Issued by Soluz politel'skikh obshchestv Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S.S.R.], Alma-Ata, vol. 8, nos. 1-2, Jan.-Feb. 1966.

NOVYE TOVARY; Informatsionnyi biulleten' [NEW CONSUMER GOODS; Information Bulletin]. Moscow, no. 3, 1966.

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSHIA [SOVIET CONSUMER COOPERATION]. Issued by Tsentral'nyi soluz potribitel'skikh obshchestv SSSR [Central Union of Consumers' Societies of the U.S.S.R.], Moscow, vol. 10, no. 1, Jan. 1966.

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- Table of contents translated:
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- Table of contents translated:
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- EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]**. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR podolam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction], Moscow, no. 8, Aug. 1964.

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- LIEUVOS TSR AUKSTUJU MOKYKLU MOKSLO DARBAI: EKONOMIKA. Uchonye zapiski vysshikh uchebnykh zavedenii Litovskoi SSR: Ekonomika [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S.S.R.: ECONOMICS]**. Vilnius, vol. 5, no. 2, 1965, vol. 6, no. 1, 1965.

- MIROVALA EKONOMIKA I MEZHIDUNARODNYE OTNOSHENia [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]**. Issued by Institut mirovov ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.], Moscow, no. 3, 1966.

- Table of contents translated:
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- NARODNOE KHOZIAISTVO KAZAKHISTANA [THE NATIONAL ECONOMY OF KAZAKHISTAN]**. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S.S.R.], Alma-Ata, vol. 24, no. 2, Feb. 1966.

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- NOVAYA SOVETSKAYA EKONOMICHESKAYA LITERATURA [NEW SOVIET ECONOMIC LITERATURE].** Issued by Fundamental'naja biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1966.
- PLANOVOE KHOZIAISTVO [PLANNED ECONOMY].** Issued by Gosplan SSSR and SMK SSSR [State Planning Committee of the U.S.S.R. and the Economic Council of the U.S.S.R.]. Moscow, vol. 43, no. 3, Mar. 1966.
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- Table of contents translated:
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- VESTNIK STATISTIKI [STATISTICAL REVIEW].** Organ of Tsentral'noe statisticheskoe upravleniye SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no. 3, 1966.
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SOTSIALISTICHESKH TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems]. Moscow, vol. 11, no. 2, 1966.

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Issued by Tsentral'nyi komitet Kommunisticheskoi partii Azerbaidzhan [Central Committee of the Communist Party of Azerbaijan]. Baku, no. 2, Feb. 1966 [in Azerbaijani].

KAZACHIA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi oddel Kazach'e-amerikanskogo naodnogo solnza [Second Division of the Cossack American National Alliance, Inc.], Providence, R. I., vol. 13, nos. 119, 152-153, July, Oct.-Nov. 1965, vol. 14, no. 156, Feb. 1966.

KOMSOZHOLSKAYA ZHIZN' [LIFE OF COMMUNIST YOUTH]. Issued by Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo solnza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 5-6, Mar. 1966.

NASHI ZHIT'IA [OUR LIFE]. Issued by Soluzhba zhenskoi Ameriky [Uralskii National Women's League of America, Inc.], Philadelphia, vol. 22, no. 9, Oct. 1965, vol. 23, nos. 1-2, Jan.-Feb. 1966.

NOUKOGUDE NAENI [SOVIET WOMAN]. Issued by IKP Keskdomitei [Central Committee of the Communist Party of Finland]. Tallinn, no. 1960, 1966 [in Estonian].

PADOMJU LATVIJAS SHIVETI [WOMAN OF SOVIET LATVIA]. Issued by Latvijas Komunistiskaa partijas Centrala Komiteja [Central Committee of the Communist Party of Latvia]. Riga, no. 3 (193), Mar. 1966 [in Latvian].

RADIANSKA ZHINKA [SOVIET WOMAN]. Kiev, vol. 21, no. 3 (243), Mar. 1966.

SMIRNA [THE YOUNGER GENERATION]. Organ of Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo solnza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 43, nos. 6 (332)-7 (333), Mar.-Apr. 1966.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R. S. F. S. R.], Moscow, vol. 11, no. 2, Feb. 1966.

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BLOKNOT AGITATORA [THE AGITATOR'S NOTE-BOOK]. Issued by Ideologicheskii otdel Irkutskikh piomyslovonogo i sel'skogo obkoma KPSS [Ideological Sections of the Irkutsk Province Industrial and Agricultural Committee of the Communist Party of the Soviet Union]. Irkutsk, no. 20, Oct. 1966

BLOKNOT AGITATORA [THE AGITATOR'S NOTE-BOOK]. Issued by Ideologicheskii otdel TsK KP Belorussii [Ideological Section of the Central Committee of the Communist Party of White Russia]. Minsk, no. 14, May 1966.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Tsentral'nogo Komiteta Kommunisticheskoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 24, no. 5, Mar. 1966.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Vladimirskego obkoma KPSS [Propaganda and Dissemination Section of the Vladimir Province Committee of the CPSU]. Vladimir, no. 9(211), Sep. 1965, no. 12(215), Jan. 1966.

BLOKNOT AGITATORA [AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Voronezhskogo obkoma KPSS [Propaganda and Dissemination Section of the Voronezh Province Committee of the CPSU]. Voronezh, no. 1, Jan. 1965

BLOKNOT AGITATORA [THE AGITATOR'S NOTE-BOOK]. Issued by Otdel propagandy i agitatsii Leningradskogo obkoma i gorkoma KPSS [Propaganda and Dissemination Sections of the Leningrad Province Committee and the Leningrad City Committee of the Communist Party of the Soviet Union]. Leningrad, nos. 12, 29, 31-32, 34-35, Apr., Oct.-Dec. 1965; nos. 2-3, Jan. 1966.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Tsentral'nogo Komiteta Kommunisticheskoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 24, no. 3, Feb. 1966. [in Ukrainian]

EESTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Eestimaa Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 22, no. 3, Mar. 1966. [in Estonian]

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 46, no. 3(501), Mar. 1966.

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soluza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 42, no. 1, Jan. 1966.
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KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunza, vol. 40, no. 3, Mar. 1966. [In Kirghiz]

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 40, no. 3, Mar. 1966.

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KOMMUNIST ESTONIA [COMMUNIST OF ESTONIA]. Issued by TeK Kompartii Eestlasi [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 22, nos. 2-3, Feb.-Mar. 1966.

KOMMUNIST SOVETSKOI LATVI [COMMUNIST OF SOVIET LATVIA]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Latvii [Central Committee of the Communist Party of Latvia]. Riga, vol. 21, nos. 3-4, Mar.-Apr. 1966.

KOMMUNIST UZBEKISTANA [COMMUNIST OF UZBEKISTAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 38, no. 3, Mar. 1966.

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KOMUNISTAS [COMMUNIST]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 3(501), Mar. 1966 [In Lithuanian]

KOMUNISTUL MOLDOVEI [COMMUNIST OF MOLDAVIA]. Issued by the Central Committee of the Communist Party of Moldavia. Kishinev, vol. 11, no. 3, Mar. 1966. [In Moldavian]

LENINIAN UGHIOV [LENIN'S WAY]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Eriivan, vol. 45, nos. 1-2, Jan.-Feb. 1966. [In Armenian]

MEZHODUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoyuznoe obshchestvo "Znanie" ["Knowledge" All-Union Society], Moscow, vol. 13, no. 4, 1966.

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PARTINIAI ZIŽIN' (PARTY LIFE). Issued by Tsentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no.4, Feb.1966.

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RUSSKOE DELO RUSSKAYA CAUSA [RUSSIAN CAUSE]. Issued by Pratslavskoye russkikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol. 7, no. 12(84), Dec. 1965, vol. 8, no. 2(86), Feb. 1966.

S NARODOM - ZA NAROD [WITH THE PEOPLE AND FOR THE PEOPLE]. Munich, no. 5, Dec. 1965.

SOVETSKAYA DEPUTATOV TRUDIASHCHIKOV [SOVIETS OF WORKERS' DEPUTIES]. Issued by the Newspaper "Izvestiya." Moscow, no. 4(106), Apr. 1966.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan, Ashkhabad, vol. 11, no. 2, 1966 [in Turkmen].

VIL'NA UKRAINA [FREE UKRAINE]. Issued by Ukrain'ska vil'na hromada v Amerytsi [Ukrainian Free Society of America]. New York, vol. 13, no. 29, Jan.-Mar. 1966.

VOLIA [FREEDOM]. Organ of Narodno-trudovoy solovskikh solidaritov [National Workingmen's Association of Russian Solidarity]. Frankfurt/Main, vol. 5, no. 30, Dec. 1966.

VOPROSY ISTORII KOMPARTII KAZAKHISTANA [PROBLEMS IN THE HISTORY OF THE COMMUNIST PARTY OF KAZAKHISTAN]. Issued by Institut istorii partii pri TsK KP Kazakhstana [Institute of the History of the Party, Attached to the Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no. 2, 1964.

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ZNAMIA ROSSII: organ russkoi nezavisimoi monarkhicheskoi mysli [THE BANNER OF RUSSIA, Organ of Russian Independent Monarchistic Thought]. New York, vol. 21, nos. 264-265, Mar.-Apr. 1966.

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RADIANS'KE PRAVO [SOVIET LAW]. Organ of Verkhovnyi Sud URSR [Supreme Court of the Ukrainian S.S.R.] and others. Kiev, vol. 29, no. 1, Jan. 1966.
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RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette], Moscow, vol. 10, nos. 9(387), 12(390), 14(392), Mar.-Apr. 1966.

RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sud, Bulletin' [Supreme Court, Bulletin], Moscow, no. 1, 1966.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. Bulletin' [State Committee on Problems of Labor and Wages, Bulletin], Moscow, no. 1, 1966.

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- SOTSIALISTICHESKAYA ZAKONNOST' [SOCIALIST LEGALITY]. Organ of Prokuratura SSSR and Verkhovnyi Sud SSSR [Office of the Public Prosecutor of the U.S.S.R. and the Supreme Court of the U.S.S.R.], Moscow, vol. 43, no. 2, Feb. 1968.
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KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of the Ministry of Culture of the R.S.F.S.R. Moscow, vol. 27, no. 3, Mar. 1966.

LITERATURA PO PEDAGOGICHESKIM NAUKAM I NARODNOMU OBRAZOVANIU [LITERATURE ON THE PEDAGOGICAL SCIENCES AND PUBLIC EDUCATION]. Oct.-Dec. 1964. Issued by Gosudarstvennaya biblioteka po narodnomu obrazovaniiu [State Library of Public Education]. Moscow, no. 4(57), 1965.

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 34, no. 3, Mar. 1966.

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RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrainy'koï RSU [Ministry of Education of the Ukrainian S.S.R.]. Kiev, no. 12, Dec. 1965.

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SOVET MAKTA DI [SOVIET SCHOOL]. Organ of Ministerstvo prosvetsheniia Uzbekskoi SSR [Ministry of Education of the Uzbek S.S.R.]. Tashkent, no. 3, Mar. 1966. [In Uzbek]

SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Issued by Akademii pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 30, no. 2, Feb. 1966.

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- Table of contents translated:
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ZHYTTIA I SHKOLA [LIFE AND SCHOOL], New Haven, vol. 12, no. 1/2(101-102), Jan.-Feb. 1966.

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FIZICHESKAYA KULTURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosvetsheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 3, 1966.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Tsentral'nyi sovet Soluza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U.S.S.R.]. Moscow, nos. 2(812)-3(813), Feb.-Mar. 1966.

KEHAKULTUR [PHYSICAL CULTURE]. Organ of Eesti NSV Spordihugule ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S.S.R.]. Tallinn, vol. 27, no. 6(543), Mar. 1966 [In Estonian].

LEGKAYA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of Tsentral'nyi sovet Soluza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 11, no. 3(130), Mar. 1966.

SAHS [CHESS]. Issued by Latvijas PSR Sporta biedrību un organizāciju savienība un Saha federācija [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S.S.R.]. Riga, nos. 3(101)-4(102), Feb. 1966 [In Latvian].

SHAKHMATNYI BULLE'TEN' [CHESS BULLETIN]. Organ of Shakhmatnaya federatsiya SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 12, no. 3, Mar. 1966.

SHAKHMATY [CHESS]. Issued by Soluz sportivnykh obshchestv i organizatsii and Shakhmatnaya federatsiya Latvijas PSR [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S.S.R.]. Riga, no. 3(117), Feb. 1966.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaya federatsiya SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 13, no. 3, Mar. 1966.

SPORT V SSSR [SPORTS IN THE U.S.S.R.]. Issued by the Periodical "Sovetskii Soluz" ["Soviet Union"]. Moscow, no. 3(37), 1966.

SPORTIVNAYA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Vsesoiuzskii sovet Soluza sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations]. Moscow, vol. 10, no. 3, 1966.

START. Organ of Rada Soluza sportyvnykh tovarystv i organizatsii Ukrain'skoi RSF [Council of the Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, no. 3, Mar. 1966.

TEORIYA I PRAKTIKA FIZICHESKOI KULTURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of Tsentral'nyi sovet Soluza sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 20, no. 2, Feb. 1966.

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SOVETSKII FIL'M [SOVIET FILMS]. Issued by Vsesoluznoe ob'edinenie [All-Union Association] "Sovetskopol'm," Moscow, no. 2(106), Feb. 1966.

SOVITSKOE RADIO I TELEVIDENIE [SOVIET RADIO AND TELEVISION]. Issued by Gosudarstvennyi komitet po radioveshchaniu i televideniiu pri Sovete Ministerov SSSR [State Committee on Radio Broadcasting and Television, Attached to the Council of Ministers of the U. S. S. R.], Moscow, vol. 12, no. 4, Apr. 1963.

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SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soluz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U. S. S. R. and the Ministry of Culture of the U. S. S. R.], Moscow, vol. 29, no. 4, Apr. 1966.

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sional'nykh Soluzov [All-Union Central Council of
Trade Unions]. Moscow, vol. 15, nos. 3-5, Feb.-Mar.
1966.

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE].
Published by "Molodai gvardiia" ["Young Guard"].
Moscow, no. 1(133), 1966.

SOVETSKAIA ESTRADA I TSIRK [SOVIET STAGE AND
CIRCUS]. Organ of Ministerstvo kul'tury SSSR [Min-
istry of Culture of the U. S. S. R.]. Moscow, nos. 3
(102)-4(103), Mar.-Apr. 1966.

TEATR [THEATER]. Organ of Ministerstvo kul'tury
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Organ of Ministerstvo kul'tury RSFSR [Ministry of
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no. 7, Apr. 1966.

10. FINE ARTS

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SSSR [Association of Artists of the U. S. S. R.]. Mos-
cow, vol. 10, no. 3(100), Mar. 1966.

KHUDOZHNIK [ARTIST]. Issued by Soluz khudozhnikov
RSFSR [Association of Artists of the R. S. F. S. R.].
Moscow, vol. 8, no. 3, 1966.

LENINGRAD, ERMITAZH, Soobshcheniia [HERMITAGE,
Reports], No. 26, 1965.

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- Table of contents translated:
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KALBOS KULTURA [SPEECH CULTURE]. Issued by Lietuvos TSR Mokslu akademijos Lietuviu kalbos ir literaturos institutas [Institute of the Lithuanian Language and Literature of the Academy of Sciences of the Lithuanian S. S. R.] Vilnius, vol. 9, 1965 [In Lithuanian]

KEL JA KIRJANDUS [LANGUAGE AND LITERATURE]. Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S. S. R. and the Association of Writers of the Estonian S. S. R.] Tallinn, vol. 10, no. 4(100), Apr. 1966. [In Estonian]

KIEV. UNIVERSYTET. Zbiroky naukovykh prats' aspirantiv z filologii [UNIVERSITY, Graduate Student Papers on Philology]. No. 18, 1963.

- Table of contents translated:
- Ilysa, M. - Ideological-literary characteristics of "Vorop" drama p. 3
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NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNAANIU [NEW FOREIGN LITERATURE ON LINGUISTICS]. Issued by Fundamenta'nnaia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-2, 1966.

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNAANIU [NEW SOVIET LITERATURE ON LINGUISTICS]. Issued by Fundamenta'nnaia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-2, 1966.

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Issued by Akademiya pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. S. R.] Moscow, no. 2, Mar. - Apr. 1966

UKRAINS'KA MOVA I LITERATURA V SHKOLI [UKRAINIAN LANGUAGE AND LITERATURE IN SCHOOLS]. Issued by Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S. S. R.] Kiev, vol. 10, no. 3, Mar. 1966

b. LITERATURE & FOLKLORE

AKADEMIA NAUK SSSR. Izvestia. Naika literaturny i iazyka [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Series in Literature and Language]. Moscow, vol. 25, no. 1, Jan - Feb. 1966.

Table of contents translated:

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ALA-TOO. Literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU: Literary and Sociopolitical Magazine]. Organ of Soluz pisatelei Kirgizii i Ministerstvo kultury Kirgizskoi SSR [Association of Writers of Kirgizia and the Ministry of Culture of the Kirgiz S. S. R.]. Frunze, vol. 35, no. 3, Mar. 1966. [In Kirgiz]

AZERBAICHAN [AZERBAIJAN]. Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, nos. 1-2, Jan - Feb. 1966. [In Azerbaijani]

DAL'NII VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soluz pisatelei RSFSR [Khabarovsk Branch of the Association of Writers of the R. S. S. R.]. Khabarovsk, vol. 33, no. 1, Jan. - Feb. 1966

DILA [MORNING]. Issued by Tsentral'nyi komitet leninskogo kommunisticheskogo soluzu molodezhi Gruzii i Respublikanskii sovet organizatsii lunnykh pionerov im. V. I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republic Council of Lenin Pioneers]. Tiflis, no. 3, Mar. 1966. [In Georgian]

DNIPRO [DNIPIER]. Organ of Tsentral'nyi komitet Leninskogo kommunisticheskogo soluzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 40, no. 3, Mar. 1966.

DON. Organ of Soluz pisatelei RSFSR and Rostovskoe otdelenie Soluz pisatelei [Association of Writers of the R. S. S. R. and the Rostov Branch of the Association of Writers]. Rostov-on-Don, vol. 10, no. 3, Mar. 1966

DROSIA [THE BANNER]. Published by the Publishing House of the Central Committee of the Communist Party of Georgia. Tiflis, no. 2(175), Feb. 1966. [In Georgian]

DRUZHEBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 28, no. 3, 1966.

INOSTRANNAIA LITERATURA [FOREIGN LITERATURE]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, no. 2, Feb. 1966.

IUNOST' [YOUTH]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 12, no. 3(130), Mar. 1966.

KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnieku savienība [Association of Writers of Latvia] Riga, nos 3-4, 1966 [In Latvian]

KHOTUGU SULUS [STAR OF THE NORTH]. Yakutsk, no. 2, 1966. [In Yakut]

KUBAN'. Issued by Krasnodarskoe otdelenie Soluzu pisatelei RSFSR [Krasnodar Branch of the Association of Writers of the R. S. F. S. R.] Krasnodar, vol. 22, no. 2, 1966.

LJETUVOS TSR AUKSTUJU MOKYKLU MOKSLO DARBAI. LITERATURA. Nauchnye trudy vysshikh uchebnykh zavedenii Litovskoi SSR: Literatura [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S. S. R. - LITERATURE] Vilnius, vol. 8, 1965.

LITERATURA I ISKUSSTVO NARODOV SSSR I ZARUBEZNYKH STRAN, bibliograficheskiy biulleten' [LITERATURE AND ART OF THE PEOPLES OF THE U. S. S. R. AND FOREIGN COUNTRIES, Bibliographical Bulletin] Issued by Vsesoyuznaya knizhnaya palata and Vsesoyuznaya gosudarstvennaya biblioteka inostrannoi literatury [All-Union Book Chamber and the All-Union State Library of Foreign Literature]. Moscow, no. 1, 1966.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R. S. F. S. R.] Moscow, vol. 27, no. 2, Mar.-Apr. 1966.

LITERATURNAYA ARMENIA [LITERARY ARMENIA]. Organ of Pravleniye Soluzu pisatelei Armenii [Administration of the Association of Writers of Armenia]. Erevan, vol. 8, no. 2, Feb. 1966

LITERATURNAYA GRUZIA [LITERARY GEORGIA]. Organ of Soluzu pisatelei Gruzii [Association of Writers of Georgia]. Tbilisi, vol. 10, no. 3, Mar. 1966.

LITERATURNYI KIRGIZSTAN [LITERARY KIRGHIZISTAN]. Organ of Soluzu pisatelei Kirgizii [Association of Writers of Kirghizia]. Frunze, no. 1, Jan.-Feb. 1966.

LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S. S. R.] Tallinn, no. 3, Mar. 1966. [In Estonian]

MOSCOW. UNIVERSITET. Vestnik, Serdin 7. Filologiya, zhurnalnaya [UNIVERSITY. Review. Series 7. Philology, Journalism]. Vol. 20, no. 6, Nov.-Dec. 1965.

Table of contents translated:
 Ampol'skaya, R. M. - Vital process of renewing the Soviet press and the reader (Influence of the reader on journalistic quests), p. 3.
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MOSKVA [MOSCOW]. Organ of Soluzu pisatelei RSFSR and Moskovskoe otdelenie Soluzu pisatelei RSFSR [Association of Writers of the R. S. F. S. R. and the Moscow Branch of the Association of Writers of the R. S. F. S. R.]. Moscow, vol. 10, no. 3, 1966.

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soluzu pisatelei RSFSR [Association of Writers of the R. S. F. S. R.]. Moscow, no. 3, Mar. 1966.

NEMAN [NEMAN RIVER]. Organ of Soluzu pisatelei BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 15, no. 4, Apr. 1966.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S. S. R. Kishinev, vol. 35, no. 3, 1966. [In Moldavian]

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] and others. Moscow, nos. 2-3, 1966.

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, 1966

OKTIABR' [OCTOBER]. Organ of Soluzu pisatelei RSFSR [Association of Writers of the R. S. F. S. R.]. Moscow, vol. 42, no. 1, Jan. 1966.

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PERGAL [THE VICTORY]. Organ of Lietuvos TSR rasytoju sąjunga [Association of Writers of the Lithuanian S. S. R.] Vilnius, nos. 3, 5, 1966. [In Lithuanian]

PVNICHNE SIAIVO [NORTHERN LIGHTS]. Edmonton, vol. 2, 1965.

POLYMA [FLAME]. Organ of Soluzu pis'mennikov BSSR [Association of Writers of the White Russian S. S. R.] Minsk, vol. 44, no. 3, Mar. 1966.

PRATOR, literaturno-khudozhnii in liromads'ko-politych. uyl zhurnal [BANNER; Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine] Kharkov, no. 3, 1966.

PROSTOR [WIDE-OPEN SPACES]. Issued by Soluzu pisatelei i TsK LKSM Kazakhstana [Association of Writers and the Central Committee of the Lenin Communist Youth League of Kazakhstan]. Alma-Ata, vol. 35, no. 3, Mar. 1966.

PUNALIPPU [THE RED BANNER]. Issued by Soluzu pisatelei Karoli'skol ASSR [Association of Writers of the Karelian A. S. S. R.]. Petrozavodsk, vol. 23, no. 1, 1966. [In Finnish]

RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Instytut literatury im. T. I. Shevchenka Akademii nauk URSR and Spilka pys'mennykh Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S. S. R. and the Association of Writers of the Ukraine]. Kiev, vol. 9, no. 2, Feb. 1965.

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SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol. 34, no. 2, 1966.

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Soluz pisatel' RSFSR and Novosibirskskoe otdelenie Soluza pisatel' [Association of Writers of the R. S. F. S. R. and the Novosibirsk Branch of the Association of Writers]. Novosibirsk, vol. 45, nos. 2-3, 1966.

SOVET EDEBNATY [SOVIET LITERATURE]. Organ of Soluz sovetskikh pisatel' TSSSR [Association of Soviet Writers of the Turkmen S. S. R.]. Ashkhabad, no. 3, Mar. 1966. [In Turkmen]

SOVETAKAN GRAKANUTUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Eriyan, no. 2, 1966. [In Armenian]

SOVETSKAYA PECHAT' [SOVIET PRESS]. Issued by Soluz zhurnal'istov SSSR [Association of Journalists of the U. S. S. R.]. Moscow, no. 8, Aug. 1964.

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SUCHASNIŠT'; literatura, mystetstvo, suspil'ne zhyttia [OUR TIME: Literature, Art, and Social Problems]. Munich, vol. 6, no. 3 (63), Mar. 1966.

URAL. Issued by Sverdlovskoe otdelenie Soluza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R. S. F. S. R.]. Sverdlovsk, vol. 9, no. 3, Mar. 1966.

VITICHYNA [OUR COUNTRY]. Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kiev, vol. 34, no. 3, Mar 1966

VOEVYV KODZUY [NORTHERN STAR]. Organ of Soluz pisatelei Komi ASSR [Association of Writers of the Komi A. S. S. R.]. Syktyvkar, no. 3, Mar 1966 [in Komi]

VOLGA. Organ of Pravlenie Soluza pisatelei RSFSR and Saratovskoe otdelenie Soluza pisatelei RSFSR [Administration of the Association of Writers of the R. S. F. S. R. and the Saratov Branch of the Association of Writers of the R. S. F. S. R.]. Saratov, nos 1-2, 1966

VOZROZHDENIE [RENAISSANCE]. Paris, no 172, Apr. 1966.

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Lvov, nos 2-3, 1966.

ZHULDYZ [STAR]. Issued by Soluz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no. 3, Mar. 1966. [in Kazakh]

ZNAMIA [THE BANNER]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 38, no. 3, Mar. 1966.

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12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

SOVETSKAYA ETNOGRAFIYA [SOVIET ETHNOGRAPHY]. Issued by Institut etnografii Akademii nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 1, Jan.-Feb. 1966.

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- Table of contents translated
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GEOGRAFICHESKOE OBSHCHESTVO SSSR, Izvestiya [GEOGRAPHICAL SOCIETY OF THE U.S.S.R. Bulletin], Moscow, vol. 98, no. 1, Jan.-Feb. 1966.

- Table of contents translated:
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GEOGRAFICHESKOE OBSHCHESTVO SSSR, Prilozheniye [APPENDIX] [GEOGRAPHICAL SOCIETY OF THE U.S.S.R., Maritime Branch, Annals], Vladivostok, no. 1 (24), 1965.

- Table of contents translated:
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GEOGRAFIYA V SHKOLAH [GEOGRAPHY IN SCHOOLS]. Issued by Mkhedresvno prosvetitel'skaya RS-SR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 2, Mar.-Apr. 1966.

LENINGRAD, ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATELSKII INSTITUT, Trudy [ARCTIC AND ANTARCTIC SCIENTIFIC RESEARCH INSTITUTE, Transactions], Vol. 236, 1962. Contents: Averina, I. M., and others. [Northern Yakutia, physical-geographical characteristics] So vnanie Yakutia, fiziko-geograficheskaya kharakteristika. 270 p.

LENINGRAD, GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT, Sbornik nauchnykh rabot [STATE HYDROLOGICAL INSTITUTE, Papers on Hydrology], No. 5, 1965.

- Table of contents translated:
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- Table of contents translated.
- Skozidumov, D. E. - Problems of the hydraulics of floodplain channels in relation to the tasks of constructing and extrapolating curves of water discharges. p. 3.
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- Table of contents translated.
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PROBLEMY ARKTIKI I ANTARKTIKI [PROBLEMS OF THE ARCTIC AND THE ANTARCTIC]. Issued by Arkhivskii i antarkhticheskii nauchno-issledovatel'skii institut [Arctic and Antarctic Scientific Research Institute]. Leningrad, no. 21, 1965.

- Table of contents translated:
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REFERATIVNYI ZHURNAL: GEOGRAFIYA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 3, Mar. 1966. Avioriskii ukazatel' za 1965 g. [Author Index for 1965]

UFA. BASHKIRSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [BASHKIR STATE UNIVERSITY. Studies]. Vol. 16, 1964. Seriya geografiicheskaya [Geographical Series], no. 1. Contents [Division of the Bashkir A. S. S. R. into physiogeographical regions] Fiziko-geograficheskoe i donlovanie Bashkirskei ASSR 209 p.

VOKRUG SVETA [AROUND THE WORLD]. Issued by Tsentral'nyi komitet Vsesoyuznogo Iuninskogo komunisticheskogo sotora molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, no. 3, Mar. 1966

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AKADEMIYA NAUK ARMIAKSKOI SSR. Etavan. Izvestia. Nauka o zemle [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin, Earth Sciences]. Etavan, vol. 18, no. 9, 1965.

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- Table of contents translated.
- Itagimov, Sh. - Study of the earth's structure. p. 3.
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- AKADEMIYA NAUK GRUZINSKOI SSI, Tiflis. Geologicheskii Institut. Trudy. Novaya seriya [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Geological Institute. Transactions. New Series]. Tiflis, no. 6, 1955.**
- Contents:** Gvakharia, G. V., and others. [Materials on the mineralogy of Georgia (pyroxenes and amphiboles) Materialy po mineralogii Gruzii (piksozeny i amfiboly)] 70 p.
- *AKADEMIYA NAUK SSSR. Izvestiya. Seriya geologicheskaya [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Geological Series]. Moscow, vol. 31, no. 1, Jan. 1966.**
- Table of contents translated:**
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- AKADEMIYA NAUK SSSR. Geologicheskii Institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Geological Institute. Transactions]. Moscow, no. 121, 1955.**
- Contents:** Kopelovich, A. V. [Epigenesis of the old series in the southwestern part of the Russian Platform] Epigenez drevnik tolshch iugo-zapada Russkoi platformy. 310 p.
- No. 143, 1955.**
- Contents:** Kuznetsova, K. I. [Late Jurassic boreal foraminifera and their development on the Russian Platform] Pozdnelurskie boreal'nye foraminifery i ikh razvitiye na Russkoi platforme. 67 p.
- No. 145, 1966**
- Contents:** Chernikhovskii, A. G. [Eluvium and the products of its redeposition (Kazakhstan and Central Asia)] Eluvii i produkty ego poeotzhoeniia (Kazakhstan i Srednaya Azia). 176 p.
- APATITY. SEISMICHESKAYA STANTSIA. Materialy naucheni [SEISMIC STATION. Observations]. July-Dec. 1964, publ. 1965.**
- *GEOKHEMIYA [GEOCHEMISTRY]. Issued by Akademiiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, Sep. 1965.**
- Table of contents translated:**
- Gavrilin, R. D., Povtsova, L. A., Krasova, N. S. - Lead and zinc in rocks of the sodium series of granitoid magma differentiates. p. 1087.
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- No. 3, Mar. 1966.**
- Table of contents translated:**
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- GEOLOGICHESKIY ZHURNAL [GEOLOGICAL JOURNAL]. Issued by Vidyia nauk pro zemlju i kosmos Akademii nauk URSS and Dzerzhavskiy vyrobnychyi geologicheskii komitet URSS [Department of Earth Sciences and Space of the Academy of Sciences of the Ukrainian S. S. R. and the State Industrial Geological Committee of the Ukrainian S. S. R.]. Kiev, vol. 25, no. 1, 1965.**
- Table of contents translated:**
- Malivhenko, I. E. M. - Stratigraphy and paleogeographic conditions of the formation of coal-bearing sediments in the Paleogene of the Dniester Valley and Ukrainian Shield. p. 3.
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- GEOLOGIA I GEOFIZIKA (GEOLOGY AND GEOPHYSICS).** Issued by Sibirskoe otdel'noye Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 9, 1963.
- Table of contents translated.
- Rozova, A. V. - Biostratigraphic scheme of the upper parts of the Middle Cambrian and Upper Cambrian of the northwestern part of the Siberian Platform and new Upper Cambrian trilobites. p. 3.
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- Leningrad, Nauchno-Issledovatel'skii Institut Geologii Arktiki** [Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY (Transactions)]. Vol. 147, 1965.
- Contents: Gor, I. U. G. [Stratigraphy and Flora of Upper Paleozoic sediments in the Noril'sk region]. Stratigrafia i flora verkhnepaleozoiskikh uglestonnykh otlozhenii Noril'skogo raiona. Leningrad, Nedra, 1965. 139 p.

- Leningrad, Nauchno-Issledovatel'skii Institut Geologii Arktiki.** Uchenye zapiski. Seriya "Paleontologiya i biostratigrafia" [SCIENTIFIC RESEARCH INSTITUTE OF THE GEOLOGY OF THE ARCTIC. Studies. Series "Paleontology and Biostratigraphy"]. No. 8, 1965.
- Table of contents translated.
- Smakov, K. V. - Stratigraphy of Upper Devonian sediments in the northeastern part of the Onon Massif. p. 4.
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- Table of contents translated:
- Bezglybi, A. M., Guk, V. I. - Geology and history of the formation of the Dnieper Valley in the Cherkassy-Lubny portion. p. 5.

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- Table of contents translated.
- Delov, N. V. - Studies in structural mineralogy. p. 3.
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- MOSCOW, UNIVERSITY.** Vestnik. Seriya 4 Geologiya [UNIVERSITY. Review. Series 4 Geology]. Vol. 21, no. 1, Jan.-Feb. 1966.

- Table of contents translated.
- Mazurovich, O. A., and others. - Stratigraphy of the Devonian system of the Sarysu-Tongul watershed (central Kazakhstan). p. 3.
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- SOVetskaya GEOLOGIA [SOVIET GEOLOGY].** Organ of Gosudarstvennyi geologicheskii komitet SSSR [State Geological Committee of the U. S. S. R.], Moscow, vol. 8, no. 12, Dec. 1965.
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- AKADEMIYA NAUK BSSR, Minsk, Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Reports]. Minsk, vol.10, no.1, Jan.1986.

- Table of contents translated: Platonov, V.P., Zaitsevskiy, A.E. - Atomichesk problem. p.5.

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FILOSOFSKI PROBLEMY SUCHASNOHO PRYRODOZNAVSTVA [PHILOSOPHICAL PROBLEMS OF THE NATURAL SCIENCES]. Kiev, no. 4, 1965.

- Table of contents translated:
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NAUKA I ŽIZN' [SCIENCE AND LIFE]. Issued by Vsesoyuznoe obshchestvo "Znanie" ["Knowledge"] All-Union Society, Moscow, vol. 32, no. 3, Mar. 1966.

NOVOSTI AMERIKANSKOI NAUKI I TEKHNIKI [NEWS OF AMERICAN SCIENCE AND TECHNOLOGY]. Issued by Amerikanskoe posol'stvo [U.S. Embassy]. Moscow, no. 20 [n.d.]

NOVYE KNIGI ZA RUBEZHOM. Seriya A. Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fizicheskaya geografiya [NEW FOREIGN BOOKS Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]. Moscow, vol. 19, no. 3, Mar. 1966.

PIRODA [NATURE]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1966.

- Table of contents translated:
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*PROBLEMY KIBERNETIKI [PROBLEMS OF CYBERNETICS]. Published by Gosudarstvennoe izdatel'stvo fiziko-matematicheskoi literatury [State Publishing House of Physicomathematical Literature], Moscow, no. 15, 1965.

- Table of contents translated:
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REFERATIVNYI ŽURNAL: KIBERNETIKA [JOURNAL OF ABSTRACTS: CYBERNETICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1966

ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Gosudarstvennyi komitet po professional'no-tekhnicheskomu obrazovaniiu pri Gosplane SSSR [State Committee for Industrial Training. Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 41, nos. 2-3, Feb.-Mar. 1966

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by Tsentral'nyi komitet Lenin'skoho komunistychnoho soluzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 2(312), Feb. 1966.

b ASTRONOMY

AKADEMIA NAUK SSSR. Institut teoreticheskoi astronomii. Rezultaty nauchnykh issledovaniy i skhvatyennykh spustnikov Zenit [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites]. Moscow, nos. 8-9, 13-14, 1958, nos. 15-18, 1959.

REFERATIVNYI ZHURNAL: ASTRONOMIA (Oldel'nyi vypusk 51) [JOURNAL OF ABSTRACTS: ASTRONOMY (Separate Issue 51)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, Mar. 1968.

REFERATIVNYI ZHURNAL: GEODEZIYA (Oldel'nyi vypusk 52) [JOURNAL OF ABSTRACTS: GEODESY (Separate Issue 52)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, Mar. 1968.

REFERATIVNYI ZHURNAL ISSLEDOVANIYE KOSMICHESKOGO PROSTRANSTVA (Oldel'nyi vypusk 62) [JOURNAL OF ABSTRACTS: SPACE RESEARCH (Separate Issue 62)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 2-3, Feb.-Mar. 1968.

ZEMLIA I VSELENNAYA [EARTH AND THE UNIVERSE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 1, Jan.-Feb. 1968.

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c. BIOLOGY

AKADEMIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Sorlia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin Series in the Biological Sciences]. Baku, no. 5, 1965.

Table of contents translated:
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AKADEMIA NAUK GRUZINSKOI SSR, Tiflis. Botanicheskii institut. Zameetki po sistematike i geografii rastenii [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Botanical Institute. Notes on the Classification and Geography of Plants]. Tiflis, no. 25, 1965.

Table of contents translated:
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AKADEMIA NAUK KAZAKHSTANSKOI SSR, Alma-Ata. Izvestiia. Sorlia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin Series in the Biological Sciences]. Alma-Ata, vol. 4, no. 1, Jan.-Feb. 1966.

Table of contents translated:
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Table of contents translated:
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- BIOLOGIA V SHKOLE [BIOLOGY IN SCHOOLS], Organ of Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, no. 2, May-Apr. 1968.
- BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL], Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society], Moscow, vol. 51, no. 1, Jan. 1968.
- Table of contents translated:
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- EESTI NSV TEADUSTE AKADEEMIA. Toimetised, Bioloogiline osakond. Izvestiia Akademii nauk Eston'skoi SSR. Seia bioloogicheskaja [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Bulletin, Biological Series], Tallinn, vol. 14, no. 4, 1965, vol. 15, no. 1, 1966.
- *ENTOMOLOGICHESKOE OBOZRENIJE [ENTOMOLOGICAL REVIEW], Issued by Vsesoiuznoe entomologicheskoe obshchestvo [All-Union Entomological Society], Leningrad, vol. 45, no. 1, 1966.
- Table of contents translated:
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*FIZIOLOGICHESKI ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vsesoyuznoye fiziologicheskoye obshchestvo [All-Union Physiological Society]. Moscow, vol. 52, no. 3, Mar. 1968.

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*GENETIKA [GENETICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1968.

- Table of contents translated:
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*MIKROBIOLOGIA [MICROBIOLOGY]. Published by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 34, no. 6, Nov.-Dec. 1965.

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*PIKLADNIA BOKIEMIA I MIKROBIOLOGIA [APPLIED BIOCHEMISTRY AND MICROBIOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 2, no. 1, Jan.-Feb. 1966.

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- REFERATIVNYI ZHURNAL: BIOLOGIA [JOURNAL OF ABSTRACTS: BIOLOGY].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, pls. 1-2, Mar. 1966.
- TSITOLOGIYA [CYTOLOGY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 1, Jan.-Feb. 1966.
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- Table of contents translated:
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- Table of contents translated:
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*RADIOKIMIJA [RADIOCHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 1, 1966.

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*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii; Khimika i Khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]. Moscow, vol. 8, no. 6, 1965.

Table of contents translated:

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Table of contents translated:

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- AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku. Vychislitel'nyi tsentr. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Computation Center, Transactions]. Baku, vol. 3, 1965. Problems of computer mathematics and computer technology.
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AKADEMIYA NAUK Gruzinski SSR, Tiflis. Vychislitel'nyi tsentr. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Computation Center, Transactions]. Tiflis, vol. 6/2, 1965. Approximate solution of certain problems in elasticity theory.

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*AKADEMIYA NAUK SSSR, Izvostila, Setita matematicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Mathematical Series]. Moscow, vol. 30, no. 1, 1966.

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*AKADEMIYA NAUK SSSR, Komissiya po ekspluatatsii vychislitel'nykh mashin. Voprosy matematicheskoi ekspluatatsii vychislitel'nykh mashin [ACADEMY OF SCIENCES OF THE U.S.S.R. Committee on the Use of Computers. Problems of the Mathematical Use of Computers]. Moscow, no. 2, 1965. Standartnye podprogramy dlya mashin tipa M-20 [Standard Subprograms for the M-20 Computers], no. 2, Service programs.

Table of contents translated.

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AKADEMIYA NAUK SSSR, Matematicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Mathematical Institute Transactions]. Moscow, vol. 42, 1966.

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Contents: Stechkin, S. B., Ul'ianov, P. L. [Subsequences of convergence of series] Podposledovatelnosti skhzhimosti ryadov. 80 p.

CHEKOSLOVATSKII MATEMATICHESKII ZHURNAL [CZECHOSLOVAK MATHEMATICAL JOURNAL]. Issued by Matematicheskii institut Chkoslovatskoi akademii nauk [Institute of Mathematics of the Czechoslovak Academy of Sciences]. Prague, vol. 16(91), no. 1, 1966.

DISKRETYNI ANALIZ [DISCRETE ANALYSIS]. Issued by Institut matematiki Sibirskogo otdelenia Akademii nauk SSSR [Institute of Mathematics of the Siberian Department of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 2, 1964.

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- No. 1, 1963.
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- Issued by Akademii nauk SSSR and Moskovskoye matematicheskoye obshchestvo [Academy of Sciences of the U.S.S.R. and the Moscow Mathematical Society]. Moscow, vol. 69(111), no. 3, Mar. 1966.
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- Vol. 21, no. 2, Mar. - Apr. 1966.
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MOSCOW, UNIVERSITET DRUZHBY NARODOV. Trudy [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES. Transactions].

- Vol. 2, 1963. Nachertatel'naya geometriya [Descriptive Geometry], no. 1.
 Table of contents translated:
 Chotverukhin, N. F. - Progress of descriptive geometry in the U.S.S.R. and tasks facing the chairs of technical schools of higher learning. p. 3.
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[MICROFILM]

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Issued by Institut matematiki Sibirskogo otdeleniya Akademii nauk SSSR [Institute of Mathematics of the Siberian Department of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 1, 1964.

- Table of contents translated:
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*PRIKLADNAIA MATEMATIKA I MEKHANIKA [APPLIED MATHEMATICS AND MECHANICS].

- Issued by Otdelenie tekhnicheskikh nauk Akademii nauk SSSR [Technological Sciences Department of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 20, no. 6, Nov.-Dec. 1965.
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SIDIRSKII MATEMATICHESKII ZHURNAL [SIDIRIAN MATHEMATICAL JOURNAL]. Issued by Sidirskoe otdelenie Akademii nauk SSSR [Sidirian Branch of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 7, no. 1, Jan. - Feb. 1965.

- Table of contents translated:
- Aleksandrov, I. A., Gullianskii, V. I. A. - Extremal properties of close-to-convex functions. p. 3.
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TYUMEN'. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Kafedra matematiki. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE, Department of Mathematics, Studies]. Vol. 28, no. 4, 1964.

- Table of contents translated:
- Mishagin, V. N. - Fundamental theorem of central axonometry. p. 3.
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USPEKHI MATEMATICHESKIIH NAUK [PROGRESS IN THE MATHEMATICAL SCIENCES]. Issued by Akademiya nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U.S.S.R. and the Moscow Mathematical Society]. Moscow, vol. 20, no. 5 (125), Sep. - Oct. 1965.

- Table of contents translated:
- Aganovich, M. S. - Elliptic singular integral differential operators. p. 3.
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- Table of contents translated:
- Voloshin, G. I. A., Zagorukov, N. G. - Use of two-dimensional spectra in automatic recognition of images. p. 3.
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*ZHURNAL VYCHISLITEL'NOI MATEMATIKI I MATEMATICHESKOI FIZIKI [JOURNAL OF COMPUTER MATHEMATICS AND MATHEMATICAL PHYSICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 6, no. 2, Mar. - Apr. 1965.

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- Table of contents translated:
- Urzhakov, B. M. - Algebra of elementary Abelian fields. Part 2. p. 3.
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- Table of contents translated:
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- AKADEMIYA NAUK SSSR, Fizicheskii Institut, Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Physics, Transactions], Moscow, vol. 31, 1965, Quantum radio physics.
- Table of contents translated:
- Popov, I. U. M. - Methods for achieving negative temperature states in semiconductors. p. 3.
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- AKADEMIYA NAUK SSSR, Mezhdunarodnyi geofizicheskii komitet, Kosmicheskii lichi [ACADEMY OF SCIENCES OF THE U.S.S.R. Interdepartmental Geophysical Committee, Cosmic Rays], Moscow, no. 7, 1965.
- Table of contents translated:
- Dorman, L. I., Dorman, L. I. - Eleven-year cycle of cosmic-ray variations (as observed at sea level). p. 5.
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- Table of contents translated:
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- AKADEMIYA NAUK BSSR, Minsk, Vestsi. Seriya fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin, Series in the Physicomathematical Sciences], Minsk, no. 1, 1966.
- Table of contents translated:
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- AKTIVOMETRICHESKII EKHESMESIACHNIK [ACTINOMETRIC MONTHLY].** Issued by Glavnaia geofizicheskaya observatoriia and Leningradskaya gidrometeorologicheskaya observatoriia [Main Geophysical Observatory and the Leningrad Hydrometeorological Observatory] Leningrad, Feb. (pt. 1), 1984, publ. 1965.
- CHEKOSLOVATSKII FIZICHESKII ZHURNAL. CZECHOSLOVAK JOURNAL OF PHYSICS.** Issued by Československá akademie věd [Czechoslovak Academy of Sciences] Prague, vol. 16, nos. 3-4, 1966.
- FESTY NSV TEADUSTE AKADEEMIA. Физика ja Astronomia Instituut [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Institute of Physics and Astronomy].** Sovremennye dvizhenia zemnoi kor. Recent Crustal Movements, Tallin, no. 2, 1965.
- *FIZIKA GORENENIA I VZRYVA [PHYSICS OF COMBUSTION AND BLASTING].** Issued by Sibskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 4, 1965.
- Table of contents translated.
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- *JADERNAIA FIZIKA. JOURNAL OF NUCLEAR PHYSICS.** Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet po ispol'zovaniu atomnoi energii SSSR [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.], Moscow, vol. 3, no. 3, Mar. 1968.
- Table of contents translated.
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- *MAGNETNIAI GIDRODINAMIKA [MAGNETOHYDRODYNAMICS].** Issued by Akademiia nauk Latvieski SSSR [Academy of Sciences of the Latvian S.S.R.], Riga, no. 4, 1965.
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- Table of contents translated:
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- Table of contents translated:
- Firosov, E. I., Chornitskii, A. F., Shushkevich, S. S. - Methods of multichannel analysis of time intervals, review, p. 5.
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- Table of contents translated:
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- REFERATIVNYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS], Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 3, Mar. 1966.
- *REFERATIVNYI ZHURNAL: MEKANIKA [JOURNAL OF ABSTRACTS: MECHANICS], Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 3, Mar. 1966.
- *RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i
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- Table of contents translated
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- Table of contents translated:
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- Table of contents translated.
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* ZHURNAL IKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI, Plazma v redaktsii [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS, Letters to the Editor]. Issued as a supplement to the journal, Moscow, vol. 3, no. 2, Jan. 1966.

- Table of contents translated
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Table of contents translated:

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Table of contents translated:

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- *BULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiya meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.], Moscow, vol. 61, no. 1, Jan. 1966.
- Table of contents translated
- Il'inski, O. B. - Some characteristics of the Pacinian bodies. p. 3.
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- Table of contents translated
- Drobnitskii, I. R., Zakharov, V. I. - E. N. Pavlovskii's theory of the natural foci of infectious and parasitic diseases and its development in Moldavia. p. 3.
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- Table of contents translated
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- LETUVOS TSR AUKSTUJU MOKYKLIU MOKSLO DARBAI; MEDICINA Nauchnye iudy vysshikh uchilnykh zavedenii Litovskoi SSR: Medicina [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S.S.R.: MEDICINE] Vilnius, vol. 6, 1964 (DNLM)
- LIKARS'KYI VISNYK MEDICAL JOURNAL. Issued by Ukrains'ke Ikkars'ke Iovaryslye Pivnichnoi Ameriky [Ukrainian Medical Association of North America] New York, vol. 11, no. 1(32), Jan. 1966 (DNLM)
- MEDITSINSKAIA PARAZITOLOGIIA I PARAZITARNYE BOLEZNI [MEDICAL PARASITOLOGY AND PARASITIC DISEASES]. Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 35, no. 2, Mar.-Apr. 1966.
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- *MEDITSINSKAIA RADIOLOGIIA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 11, no. 2, Feb. 1966.
- Table of contents translated:
- Pavlov, A.S., Eimulova, E.V., Pavlova, T.G. - Method for the determination of the dosage distribution in a homologous phantom in large focus skin distance gammatherapy using wedge-like filters. p. 3.
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- *MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, Razdel [Section] 1, vol. 10, nos. 2-3, Feb.-Mar. 1966. Razdel [Section] 2, vol. 10, no. 3, Mar. 1966. Razdel [Section] 3, vol. 10, nos. 2-3, Feb.-Mar. 1966. Razdel [Section] 4, vol. 10, nos. 2-3, Feb.-Mar. 1966. Razdel [Section] 5, vol. 10, no. 2, Feb. 1966. Razdel [Section] 6, vol. 10, no. 2, Feb. 1966. Razdel [Section] 7, vol. 10, no. 1, Jan. 1966. Razdel [Section] 8, vol. 10, no. 2, Feb. 1966. Razdel [Section] 10, vol. 10, no. 2, Feb. 1966. Razdel [Section] 11, vol. 10, no. 2, Feb. 1966. Razdel [Section] 12, vol. 10, no. 3, Mar. 1966. Razdel [Section] 13, vol. 10, no. 2, Feb. 1966.
- MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdoravookhraneniia and Akademii nauk UzSSR [Ministry of Health and the Academy of Sciences of the Uzbek S.S.R.], Tashkent, nos. 1-2, Jan.-Feb. 1966.
- PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HORMONE THERAPY]. Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 12, no. 1, Jan.-Feb. 1966.
- Table of contents translated:
- Egali, F.M., and others. - Clinical aspects of the Corn syndrome; primary aldosteronism. p. 3.
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- PROBLEMY TUBERKULEZA (PROBLEMS OF TUBERCULOSIS)** Published by Ministerstvo zdravookhraneniia SSSR (Ministry of Health of the U.S.S.R.). Moscow, no. 3, 1965.
- Table of contents translated
- Shebanov, F. V. - Outpatient treatment of tuberculous patients. p. 3.
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- REFERATIVNYI ZHURNAL: MEDITSINSKAYA GEOGRAFIYA (Odel'nyi vypusk 38) [JOURNAL OF ABSTRACTS: MEDICAL GEOGRAPHY (Separate Issue 38)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 2-3, Feb.-Mar. 1966.
- RYAZAN, MEDITSINSKII INSTITUT.** Sbornik nauchnykh trudov [MEDICAL INSTITUTE. Papers]. No. 2, 1962. Problems of anatomy and surgery.
- Table of contents translated
- Boris Mikhailovich Sokolov. p. 3.
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- *VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Military Medicine Administration of the Ministry of Defense of the U. S. S. R.]. Moscow, no. 2, Feb. 1966.
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- ZDRAVOOKHRANENIE ROSSISKOI FEDERATsii [HEALTH SERVICE OF THE RUSSIAN FEDERATION].** Issued by Ministerstvo zdavookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 10, no. 3, Mar. 1966.
- Table of contents translated:
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- ZDRAVOOKHRANENIE TADZHIKISTANA [HEALTH SERVICE OF TAJIKISTAN].** Issued by Ministerstvo zdavookhraneniia Tadzhikskoi SSR [Ministry of Health of the Tajik S S R]. Dushanbe, vol. 13, no. 1 (69), 1966.
- ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN].** Organ of Ministerstvo zdavookhraneniia TSSR [Ministry of Health of the Turkmen S. S. R.]. Ashkhabad, vol. 9, no. 12 (72), Dec. 1965, vol. 10, nos. 1-2, Jan.-Feb. 1966.
- b. GYNECOLOGY, OBSTETRICS & PEDIATRICS**
- VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MATERNAL AND CHILD CARE].** Issued by Ministerstvo zdavookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 11, no. 3, Mar. 1966
- c. NEUROLOGY & PSYCHIATRY**
- PRAKTIKA SUDEBNOPSIKHIATRICESKOI EKSPERTIZY [PRACTICE OF FORENSIC PSYCHIATRY EXPERTISE].** Issued by Tsentral'nyi nauchno-issledovatel'skii institut sudobnoi psikiatrii [Central Scientific Research Institute of Forensic Psychiatry]. Moscow, no. 10, 1965.
- Table of contents translated:
- Zemskov, L. N. - Forensic psychiatric evaluation of schizophrenic remissions in repeated dangerous actions of the patients. p. 3.
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- Table of contents translated:
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- d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY**
- OFTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL].** Issued by Ministerstvo zdavookhraneniia USSR [Ministry of Health of the Ukrainian S S R.]. Kiev, vol. 21, no. 1, 1966
- e. PATHOLOGY & THERAPEUTICS**
- *RUKOVODSTVO [ARCHIVES OF PATHOLOGY].** Issued by Ministerstvo zdavookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 28, no. 1, 1968.
- Table of contents translated:
- Davydovskii, I. V., Sil'vestrov, V. E. - Defining the concept of disease. p. 3.
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- LABORATORNOE DELO [LABORATORY WORK].** Issued by Ministerstvo zdavookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, no. 3, 1966.
- Table of contents translated:
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- *VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 12, no. 2, 1966.
- Table of contents translated:
- Smirnov, N.M., Shentakina, T.V. - Clinical and morphological comparisons in stomach polyposis. p. 3.
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- Vol. 12, no. 3, 1966.
- Table of contents translated:
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- f. PHARMACY & MATERIA MEDICA
- *ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 11, no. 3, May 1966.
- Table of contents translated:
- Chukanova, T.I., and others. - Antibiotic of the coelomycins type produced by *Actinomyces indigolitor*. p. 105.
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- Table of contents translated:
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- Table of contents translated:
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- Vol. 28, no. 1, Jan.-Feb. 1966.
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- FARMATSEVITCHNYI ZHURNAL (PHARMACEUTICAL JOURNAL).** Issued by Ministerstvo okhorony zdorov'ia URSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 18, no. 6, 1963.
- Table of contents translated:
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- Vol. 20, no. 4, 1965.
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- REFERATIVNI ZHURNAL: FARMAKOLOGIJA. KLINICHESKAYA TERAPIYA. SREDSTVA TOKSIKOLOGII (Otkrytyi vypusk 64) [JOURNAL OF ABSTRACTS: PHARMACOLOGY. CLINICAL THERAPY. TOXICOLOGY (Separate Issue 64)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1966.
- VOPROSY MEDITSINSKOI KHIMII (PROBLEMS OF MEDICAL CHEMISTRY).** Issued by Ministerstvo zdorov'ia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 12, no. 1, Jan.-Feb. 1966.
- Table of contents translated:
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Trudy [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Laboratory of Electromagnetic Fields of Radio Frequencies. Transactions], Moscow, no. 2, 1984.

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FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE] Issued by Ministerstvo zdorovokhrameniia SSSR and Ministerstvo zdorovokhrameniia RSFSR [Ministry of Health of the U.S.S.R. and the Ministry of Health of the R.S.F.S.R.], Moscow, vol. 31, no. 2, 1985.

GIGIENA TRUDA I PROFESSIONAL'NYE ZABOLEVANIYA [INDUSTRIAL HYGIENE AND OCCUPATIONAL DISEASES] Issued by Ministerstvo zdorovokhrameniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 10, no. 3, May 1985 (DNLM)

MEDITSINSKAIA SESTRA [MEDICAL NURSE] Issued by Ministerstvo zdorovokhrameniia RSFSR [Ministry of Health of the R.S.F.S.R.], Moscow, vol. 25, no. 3, May, 1986.

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EKSPERIMENTAL'NAIA KHIRURGIIA I ANESTEZIOLOGIIA [EXPERIMENTAL SURGERY AND ANESTHESIOLOGY] Issued by Ministerstvo zdorovokhrameniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, no. 4, 1985.

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Table of contents translated
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KLINICHESKAYA KHIRURGIIA [CLINICAL SURGERY].

- Kiev, no.4, 1965.
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- Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol.27, no.2, Feb. 1966.
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- Published by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, no.6, 1965.
- Table of contents translated
- Rakimova, G.K. - Seasonal variations of pyoderma and staphylococcal flora of the normal skin in Alma-Ata, p.5.
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- Table of contents translated:
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AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku, Institut pochvovedeniya i agrokhemii, Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R., Institute of Soil Science and Agricultural Chemistry, Transactions], Baku, vol. 13, 1965. Soil research in the Azerbaijan S.S.R.

- Table of contents translated:
Salava, E.M. - Some regional characteristics of the process of weathering and the composition of the eluvium of bedrocks in the Lesser Caucasus. p. 5.
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ECHEMIADZIN, NAUCHNO-ISLEDOVATEL'SKII INSTITUT ZEMLEDELIA. Sbornik nauchnykh i udov [SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURE, Papers], Erevan, no. 2, 1961.

- Table of contents translated:
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GIDROTEKHNIKA I MELIORATSIYA [HYDRAULIC ENGINEERING AND RECLAMATION]. Issued by Ministerstvo sel'skogo khozaiatstva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 18, no. 1, Jan. 1966.

- Table of contents translated:
Shlokalov, D.A., Brodikhin, N.P. - Practices in the use of sprinklers in Rostov Province. p. 1.
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- Table of contents translated:
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KHIMIYA V SEL'SKOM KHOZIAISTVE [CHEMISTRY IN AGRICULTURE]. Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplano SSSR and Ministerstvo sel'skogo khozaiatstva SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R. and the Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 4, no. 3 (29), Mar. 1966.

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- KREST'YANKA [THE PEASANT WOMAN]** Published by Izd-vo [Publishing House] "Pravda," Moscow, vol. 44, nos. 3-4, Mar.-Apr. 1966
- MATERIALY PO ISTORII SEL'SKOGO KHOZIAISTVA I KREST'YANSTVA SSSR [MATERIALS ON THE HISTORY OF AGRICULTURE AND THE PEASANTRY IN THE U.S.S.R.]** Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 6, 1965
- MEKHANIZATSIA I ELEKTRIFIKATSIA SOTSIALISTICHESKOGO SEL'SKOGO KHOZIAISTVA [MECHANIZATION AND ELECTRIFICATION OF SOCIALIST AGRICULTURE]** Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 24, no. 2, 1966
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- MOSCOW, INSTITUT INZHENEROV SEL'SKOKHOZIAISTVENNOGO PROIZVODSTVA, Doklady [INSTITUTE OF AGRICULTURAL PRODUCTION ENGINEERS. Reports].** Vol. 1, no. 2, 1964, Tractors and motor vehicles
- Table of contents translated:
- Sakharov, A. G. - Period of self-ignition delay during the diesel-fuel and gasoline diesel-fuel processes. p. 5
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SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, no. 3, Mar. 1966

SEL'SKOE KHOZAISTVO BI LOUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khozaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S. S. R.]. Minsk, vol. 14, nos. 4(196)-5(197), Feb.-Mar. 1966.

SEL'SKOE KHOZAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHISTAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no. 3, Mar. 1966

SEL'SKOE KHOZAISTVO KIRGIZII [AGRICULTURE OF KIRGIZIA]. Issued by Ministerstvo sel'skogo khozaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirgiz S. S. R.]. Frunze, vol. 12, no. 3, Mar. 1966.

SEL'SKOE KHOZAISTVO ROSSII [AGRICULTURE OF RUSSIA]. Issued by Ministerstvo sel'skogo khozaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Moscow, no. 3, Mar. 1966

SEL'SKOE KHOZAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khozaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S. S. R.]. Dushanbe, vol. 20, nos. 3-4, Mar.-Apr. 1966

SEL'SKOE KHOZAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN]. Issued by Ministerstvo sel'skogo khozaistva Turkmeniskoi SSR [Ministry of Agriculture of the Turkmen S. S. R.]. Ashkhabad, vol. 10, no. 3, Mar. 1966

SEL'SKOKHOZAISTVENNAIA LITRATURA SSSR [AGRICULTURAL LITERATURE OF THE U. S. S. R.]. Issued by Tsentral'naya nauchnaya sel'skokhozai-stvennaya biblioteka [Central Agricultural Library]. Moscow, no. 3, 1966.

SEL'SKOKHOZAISTVENNOE PROIZVODSTVO NECHERNOZEMNOI ZONY [AGRICULTURAL PRODUCTION OF THE NON-CHERNOZEM ZONE]. Organ of Ministerstvo sel'skogo khozaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Moscow, vol. 4, no. 3, 1966

SEL'SKOKHOZAISTVENNOE PROIZVODSTVO POVOLZHIYA [AGRICULTURAL PRODUCTION OF THE VOLGA VALLEY]. Issued by Ministerstvo sel'skogo khozaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Saratov, vol. 4, nos. 2-3, Feb.-Mar. 1966

SEL'SKOKHOZAISTVENNOE PROIZVODSTVO SIBIRI I DAL'NEGO VOSTOKA [AGRICULTURAL PRODUCTION OF SIBERIA AND THE FAR EAST]. Issued by Ministerstvo sel'skogo khozaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Omsk, vol. 10, no. 3, 1966

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SOTSIALISTIK POLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Pllumajanduse Ministerium [Ministry of Agriculture of the Estonian S. S. R.]. Tallinn, vol. 21, no. 5, Mar. 1966. [In Estonian]

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- Table of contents translated:
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- (DNAL)
- KROLIKOVODSTVO I ZVEROVODSTVO [RABBIT BREEDING AND FUR FARMING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 8, no. 12, Dec. 1965, vol. 9, nos. 1-2, 1966.
- (DNAL)
- LENINGRAD, GOSUDARSTVENNYI NAUCHNO-ISSLEDovATELSKII INSTITUT OZERNOGO I RECHNOGO RYBNOGO KHOZIAISTVA. Izvestia [STATE SCIENTIFIC RESEARCH INSTITUTE OF LAKE AND RIVER FISHERIES. Bulletin]. Vol. 59, 1965. Use of Gorky Reservoir for fisheries.
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- MOSCOW, MOSKOVSKAIA VETERINARNAIA AKADEMIYA. Trudy [MOSCOW VETERINARY MEDICINE ACADEMY. Transactions].** Vol. 19, no. 2, pt. 1, 1967. Table of contents translated.
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OKHOTY I OKHOTNICH'E KHOZAIATVO (HUNTING AND GAME MANAGEMENT). Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U. S. S. R.] Moscow, vol. 12, no. 4, 1966. (DNAL)

OVTSOVODSTVO (SHEEP BREEDING). Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 12, nos. 1-4, Jan. - Apr. 1966. (DNAL)

PCHELOVODSTVO (APICULTURE). Organ of Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 43, no. 4, Apr. 1966. (DNAL)

PITSEVOODSTVO (POULTRY RAISING). Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, no. 12, Dec. 1965, nos. 1-3, Jan. - Mar. 1966. (DNAL)

RYBNOE KHOZAIATVO (FISHERIES). Organ of Gosudarstvennyi komitet po rybnomu khozaiatvu pri SNKh SSSR [State Committee for Fisheries, Attached to the Economic Council of the U. S. S. R.]. Moscow, vol. 40, no. 8, 1964.

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SVINOVOODSTVO [SWINE BREEDING]. Issued by Ministerstvo sel'skogo khozaiatstva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 10, nos. 11-12, Nov.-Dec. 1965, vol. 20, nos. 1-2, Jan.-Feb. 1968 (DNAL)

VETERINARIYA [VETERINARY MEDICINE]. Organ of Ministerstvo sel'skogo khozaiatstva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 12, no. 1, Jan. 1968.

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- Table of contents translated:
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MAYKOP. SEVERO-KAVKAZSKAYA LESNAYA OPYTNAIA STANTSIA. Trudy [NORTH CAUCASIAN FOREST EXPERIMENT STATION. Transactions]. No. 6, 1964.

- Table of contents translated:
- Drobkov, A.A. - Gradual and group selection cutting in beech forests. p. 5.
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REFERATIVNYI ZHURNAL: LESOVEDENIE I LESOVODSTVO (Older'skiy vypusk 50) [JOURNAL OF FORESTRY AND FOREST MANAGEMENT (Separate Issue 50)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1966.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshekh uchebnykh zavodov, lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Forestry Journal]. Moscow, vol. 8, no. 6, 1955.

- Table of contents translated:
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- All-Union Conference on Problems in Mountain Forest Management, September 10-14, 1963.
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KILOPKOVODSTVO [COTTON GROWING]. Organ of Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 15, no. 12, Dec. 1965, vol. 16, nos. 1-3, Jan.-Mar. 1966, (DNAL)

KUKURUZA [CORN]. Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 10, no. 12, 1965; vol. 11, nos. 1-3, 1966 (DNAL)

LEN I RONOPLIA [FLAX AND HEMP]. Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 10(27), no. 12, Dec. 1965, vol. 11(28), nos. 1-3, Jan.-Mar. 1966 (DNAL)

LENINGRAD, VSESOIUZNYI INSTITUT ZASHCHITY RASTENII. Azerbaidzhan'skaya stantsiya, Trudy [ALL-UNION INSTITUTE OF PLANT PROTECTION, Azerbaijan Station, Transactions]. Baku, vol. 2, 1964.

Table of contents translated:

- Ivanski, N. L. - Practical field testing of new insecticides and acaricides in controlling cotton and corn pests. p. 5.
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REFERATIVNYI ZHURNAL: RASTENIEVOODSTVO (Oldeniyi vypusk 55) [JOURNAL OF ABSTRACTS: PLANT CULTURE (Separate Issue 55)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1966.

SADOVOODSTVO [HORTICULTURE]. Organ of Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 103, no. 12, Dec. 1965; vol. 104, nos. 1-3, Jan.-Mar. 1966, (DNAL)

SADOVOODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINE MAKING IN MOLDAVIA]. Organ of Sovnarkhoz and Ministerstvo sel'skogo khozaiatva Moldavskoi SSR [Economic Council and the Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 21, no. 1 (153)-3(155), Jan.-Mar. 1966, (DNAL)

SAKHARNAYA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 10, no. 12, Dec. 1965; vol. 11, nos. 1-3, Jan.-Mar. 1966, (DNAL)

SELEKTSIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]. Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 31, no. 2, Mar.-Apr. 1966.

SUKHUM, OPTYNAIA STANTSIA EFIROMASLICHINYKH KULTUR. Trudy [EXPERIMENT STATION OF ESSENTIAL OIL CROPS, Transactions]. No. 6, 1964.

- Table of contents translated:
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TSVETOVODSTVO [FLORICULTURE]. Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 8, no. 12, 1965, vol. 9, nos. 1-2, 1966, (DNAL)

VINODELIE I VINOGRADARSTVO SSSR [WINE MAKING AND VITICULTURE IN THE U.S.S.R.]. Organ of Ministerstvo pishchevoi promyshlennosti SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [Ministry of the Food Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 20, no. 2(241), 1966.

ZEMLEDELIE [AGRICULTURE]. Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 20, no. 1, Jan. 1966.

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Table of contents translated:

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- AKADEMIYA NAUK UZBEKSKOI SSR, Tashkent, Izvestiya. Seriya tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S.S.R., Bulletin. Series in the Technical Sciences]. Tashkent, vol. 10, no. 1, 1966.
- Table of contents translated.
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- *GEOTEKHNIKA [SOLAR ENERGY ENGINEERING], issued by Akademiya Nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.], Tashkent, no. 1, 1966.
- Table of contents translated.
- Grilikhes, V. A., - Method for calculating the distribution of radiant fluxes in receivers of solar collectors. p. 3.
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- GOIKIY, POLITEKHINICHESKII INSTITUT, Trudy [POLYTECHNIC INSTITUTE, Transactions], Vol. 20, no. 2, 1964. Papers on radio engineering, electronics and power engineering.
- Table of contents translated.
- Glebovich, G. V., - Transient processes in uniform pulse transmission lines. p. 5.
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- INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS], Issued by Gosudarstvennyi komitet standartov, met i izmeritel'nykh priborov SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U.S.S.R.], Moscow, vol. 27, nos. 1-2, 1966.
- IRKUTSK, POLITEKHINICHESKII INSTITUT, Trudy [POLYTECHNIC INSTITUTE, Transactions], No. 21, 1964.
- Table of contents translated.
- Dlogenov, G. G., Nado'skii, A. P., - Properties of metals of the side element groups in the D. I. Mendeleev periodic system. p. 3.
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- IZOBRETEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER], Issued by Vsesoyuznoe obshchestvo izobretatel' i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters], Moscow, no. 2(234), 1966.
- Table of contents translated.
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*IZOBRETENIYA, PROMYSHLENNYE OBRATZTSY, TOVARNYE ZNAKI [INVENTIONS, INDUSTRIAL SAMPLES, TRADEMARKS]. Issued by Komitet po delam izobreteniy i otkrytiy pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 43, nos. 4-6, 1966.

LENINGRAD, LENINGRADSKI INZHENERNO-EKONOMICHESKII INSTITUT. Trudy [LENINGRAD ENGINEERING AND ECONOMICS INSTITUTE. Transactions]. No. 56, 1965.

Contents: Anonov N. N., and others. [Large condensing electric power plants in electric power systems; technical and economic problems in the light of their development.] Krasnye kondensatsionnye elektrosilnitsy v energostatsakh, tekhniko-ekonomicheskie voprosy v perspektive razvitiya 129 p.

LENINGRAD, POLITEKHNIЧЕСКИЙ ИНСТИТУТ. Trudy [POLYTECHNIC INSTITUTE. Transactions]. No. 256, 1965.

Table of contents translated:

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Table of contents translated:
 V. I. Lenin and the problems of standardization. p. 5.

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MOSCOW, GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NAUCHNOI I TEKHNIЧЕСКОI INFORMATSII, Bulletin tekhniko-ekonomicheskoi informatsii [STATE SCIENTIFIC RESEARCH INSTITUTE FOR SCIENTIFIC AND TECHNICAL INFORMATION, Bulletin of Technical and Economic Information]. Vol. 10, no. 1, Jan. 1966.

Table of contents translated.

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MOSCOW, MOSKOVSKOE VYSSHEE TEKHNIЧЕСКОE UCHILISHCHE. Sbornik trudov [MOSCOW TECHNICAL COLLEGE. Papers]. No. 2, 1962, Use of plastics in the machinery industry.

Table of contents translated.

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MOSCOW VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. Informatsionnyi builletei' [EXHIBITION OF ACHIEVEMENTS OF THE NATIONAL ECONOMY OF THE U.S.S.R. Information Bulletin] No. 6 (50), June 1964

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Issued by Gosudarstvennyi komitet Soveta Ministrov Latvskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the Latvian S. S. R. for the Coordination of Research] and others. Riga, nos. 2(67)-3(68), Feb. - Mar. 1966

NOVYE KNIGI ZA RUDEZHOM. Seriya B: Tekhnika [NEW FOREIGN BOOKS. Series B: Technology]. Published by Izdatel'stvo Inostannoi Literatury [Publishing House of Foreign Literature]. Moscow, vol. 10, no. 3, Mar. 1966.

PERM. POLITEKHNIЧЕСКИЙ ИНСТИТУТ. Nauchnye trudy [POLYTECHNIC INSTITUTE. Studies]. No. 12, pt. 2, 1964. Geological sciences.

- Table of contents translated:
 Burylova, R. V., Neugodnikova, L. M. - Preliminary data on the composition of the Lower Carboniferous spore-pollen complexes of terrigenous sediments in the Kizil Basin, Ural Mountain region, and Volga-Ural oil-bearing region. p. 3.
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PERM. POLITEKHNIЧЕСКИЙ ИНСТИТУТ. Sbornik nauchnykh trudy [POLYTECHNIC INSTITUTE. Papers]. No. 10, 1961. Roasting of vanadium- and sulfur-containing compounds.

- Table of contents translated:
 Pechkovskii, V. V., Ketov, A. N. - Characteristics of the reduction of sulfates by solid and gaseous reducing agents. p. 3.
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REFERATIVNYI ZHURNAL: NAUCHNAIA I TEKHNIЧЕСКАЯ ИНФОРМАЦИЯ (Otdel'nyi vypusk 59) [JOURNAL OF ABSTRACTS: SCIENTIFIC AND TECHNICAL INFORMATION (Separate Issue 59)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. 1966.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. Tudy Institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]. Moscow, no. 77 (137), 1965. Investigations in the field of time and frequency measurements.

- Table of contents translated:
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STANDARTIZATSIIA [STANDARDIZATION]. Issued by Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U.S.S.R.]. Moscow, vol. 29, no. 12, Dec. 1965.

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TALLINN. POLYTECHNIC INSTITUTE. Toimetused. Seria B. Tudy Tallinskogo politehnicheskogo instituta [POLYTECHNIC INSTITUTE. Studies]. No. 16, 1965.

VSESOUZNYI SOVET NAUCHNO-TEKHNIЧЕСКИХ ОБЩЕСТВ. Nauchno-tekhnicheskie obshchestva SSSR [ALL-UNION COUNCIL OF SCIENTIFIC TECHNOLOGICAL SOCIETIES, Scientific Technological Societies of the U.S.S.R.]. Moscow, vol. 8, no. 2(66), Feb. 1966.

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*ZHURNAL TEKHNIЧЕСКОИ ФИЗИКИ [JOURNAL OF TECHNICAL PHYSICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 45, no. 11, Nov. 1965.

- Table of contents translated:
Baikov, I. S., Rukhadze, A. A. - Excitation of oscillations in counterflows of an inhomogeneous plasma. p. 1913.
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 (Separate Issue 34)]. Issued by Institut nauchnoi
 informatsii Akademii nauk SSSR [Institute of Scientific
 Information of the Academy of Sciences of the
 U.S.S.R.]. Moscow, no. 2, Feb. 1966.

REFERATIVNYI ZHURNAL: RAKETOSTROENIE (Otdel'-
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 BUILDING (Separate Issue 41)]. Issued by Institut
 nauchnoi informatsii Akademii nauk SSSR [Institute of
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 Akademii nauk SSSR [Institute of Scientific Information
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Organ of Gosudarstvennyi proizvodstvennyi komitet po gazovoi promyshlennosti SSSR [State Production Committee for the Gas Industry of the U.S.S.R.] and others. Leningrad, vol. II, no. 2, 1968.

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- Contents: [Institution and regulators developed by the State Institute of Applied Chemistry] Kontrol'no-izmeritel'nyye pribory i regulatory, razrabotannyye v GIKKh. 61 p.
- LENINGRAD, TEKHNOLOGICHESKIY INSTITUT TSEL'NIKOVO-BUMAZHNOY PROMYSLILENNOSTI. Trudy [TECHNOLOGICAL INSTITUTE FOR THE WOOD-PULP AND PAPER INDUSTRY Transactions]. Moscow, no. 10, 1965.
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- Table of contents translated:
- Dubinskaya, N. F. - Biochemical properties of high- and low-oil content sunflower seed. p. 6.
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- Table of contents translated.
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- SAKHARNAYA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi komitet po pishchevoi promyshlennosti pri Gosplane SSSR and Tsentral'noe piavleno Nauchno-tekhnicheskogo obschestva pishchevoi promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry], Moscow, vol. 40, no. 3, Mar. 1966.
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*ELEKTROTEKHNIKA [ELECTRICAL ENGINEERING]. Issued by Ministerstvo elektrotekhnicheskoi promyshlennosti SSSR [Ministry of the Electrical Engineering Industry of the U.S.S.R.]. Moscow, vol. 37, no. 2, Feb. 1966.

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Table of contents translated:

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ENERGETIK (ELECTRIC POWER TECHNICIAN). Issued by Ministerstvo energetiki i elektifikatsii SSSR and Tsentrallyy komitet Profsoyuzov rabotnikov elektrostani i elektromekhanicheskoy promyshlennosti Power and Electrification of the U. S. S. R. and the Central Committee of the Trade Union of Workers of Electric Power Stations and the Electrical Industry. Moscow, vol. 12, no. 4, Mar. 1966.

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LEHNINGRAD, NAUCHNO-ISSEDOVATELSKIY INSTITUT POSTOYANNOGO TOKA Izvestiya [DIRECT CURRENT SCIENTIFIC RESEARCH INSTITUTE, Bulletin] Moscow, no. 11, 1965, D.C. and a.c. power transmission

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MOSCOW, VSESOUZNIY NAUCHNO-ISSEDOVATELSKIY INSTITUT. Trudy [ALL-UNION CORRESPONDENCE INSTITUTE OF POWER ENGINEERING, Transactions], No. 17, 1961. Physics.

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*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 11, no. 3, Mar. 1966.

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REFERATIVNIYI ZHURNAL: ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, Mar. 1966.

REFERATIVNIYI ZHURNAL: IADERNYE REAKTOR (Odel'nyi vypusk 50) [JOURNAL OF ABSTRACTS: NUCLEAR REACTORS (Separate Issue 50)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1966.

REFERATIVNIYI ZHURNAL: RADIOTEKHNIKA I ELEKTROSVYAZ' [JOURNAL OF ABSTRACTS: RADIO ENGINEERING AND TELECOMMUNICATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb. 1966. Avtor'skii ukazatel' za 1965 g. [Author index for 1965]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vyssheikh uchebnykh zavodov i elektromekhanika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]. Novocherkassk, vol. 9, no. 3, 1966.

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AVIOMETRIYA [AUTOMETRY]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 0, 1965.

- Table of contents translated.
 Il'nenko, A. I., Tsapenko, M. P. - Measurement techniques and microminiaturization, p. 5.
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- Table of contents translated:
 Dimin, I. E., Podchikolkin, M. I., Protaman, V. I. - Investigating the durability of the ZIL-130 engine and the wear of its basic parts, p. 1.
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AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Ministerstvo avtomobil'nogo transporta i shosseynykh dorog RSFSR and Tsentral'nyi komitet Profsoyuza rabotnikov svyazi, rabotnikov avtomobil'nogo transporta i shosseynykh dorog [Ministry of Automotive Transport and Highways of the R.S.F.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 14, no. 2, Feb. 1968.

Table of contents translated

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- Kharkov, no.1, 1965.
- Table of contents translated:
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ELEKTRICHESKAYA I TEПЛОВОЗНАЯ ТЯГА [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION].

- Organ of Ministerstvo putei soobshcheniya SSSR [Ministry of Rail Road Transportation of the U.S.S.R.]. Moscow, vol.9, no.10 (108), Oct. 1965.
- Table of contents translated:
- Chikimov, V.A. - Relentlessly search for potentials of fuel and electric power economy and use them to the full extent, p.1.
- Revich, L.L., Trombin, E.K. - Organization of material and technical procurement in the Kuznetsk locomotive depot, p.4.
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- Table of contents translated:
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ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosudarstvennyi komitet (tiazholoe, energeticheskoe i transportnoye mashinostroeniya pri Gosplane SSSR and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee for the Manufacture of Heavy, Power, and Transportation Machinery, Attached to the State Planning Committee of the U.S.S.R. and the Scientific Technological Society of the Machinery Industry]. Leningrad, vol.12, no.2, Feb. 1966.

- Table of content translated:
- Piven', V.D., Med, G.D. - Study of the dynamics of the control networks of parallel operating gas-turbine driven blowers, p.1.

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- GORN'YE, STROITEL'NYE I DOROZHNIYE MASHINY** [MINING, CONSTRUCTION, AND ROAD MACHINERY]. Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya USSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R.], Kiev, no. 2, 1985.
- Table of contents translated:
- Vetov, I. U. A., Vlasov, V. V. - Problems in studying the probability factor of the soil cutting process. p. 3.
- Vladimirov, V. M. - Determining rated values of specific resistances to cutting in developing a parametric series of wheel-type excavators. p. 12.
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- KHARKOV, INSTYTUT INZHENIERIV ZALIZNYCHNOHO TRANSPORTU** [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION, Studies], No. 60, 1982. Problems in water-management construction.
- Table of contents translated:
- Ughichus, A. A. - Hydraulic method of constructing hydrodynamic networks of the movement during seepage of water through earth dams. p. 5.
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- KUZNECHNO-SHTAMPOVOCHEE PROIZVODSTVO** [FORGING AND STAMPING]. Organ of Gosudarstvennyi komitet po mashinostroeniiu pri Gosplane SSSR and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Scientific-Technological Society of the Machinery Industry], Moscow, vol. 8, no. 2, Feb. 1980.
- Table of contents translated:
- Okrinchenko, I. A. M., Tsiun, V. A. - Forging with a high uniformity of deformation. p. 1.
- Polynskii, V. M., Danil'chik, I. K. - Stability of inserts for forging bevel gearing with tooth. p. 4.
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- MASHINOSTROITEL' (MACHINE BUILDER)**. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry], Moscow, no. 3, Mar. 1986.
- Table of contents translated:
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- MASHINOVENILNIE (MECHANICAL ENGINEERING)**. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, no. 7, 1980.
- Table of contents translated:
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- Table of contents translated
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- Table of contents translated:
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- MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 204, 1965. Some problems of the building of communism in the light of the decisions of the 22d Congress of the CPSU.
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Contents. Sokolov, S. D. [Increasing the reliability of the converters of traction substations] Povyshenie nadezhnosti preobrazovatel'nykh agregatov tugovykh podstantsii. 182 p.

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- Spirishevskii, A. I. - Technological progress in the bearing industry, p. 3
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OMSK. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Nauchnye trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Studies]. Vol. 51, 1964. Automatic and remote control in transportation.

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- Table of contents translated:
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- REFERATIVNIYI ZHURNAL: Dvigateli Vnutrennego Sgoraniya (Oldel'nyi vypusk 39) [JOURNAL OF ABSTRACTS: INTERNAL COMBUSTION ENGINES (Separate Issue 39)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 2, Feb. 1966.
- REFERATIVNIYI ZHURNAL: Fotokinetika (Oldel'nyi vypusk 40) [JOURNAL OF ABSTRACTS: PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT (Separate Issue 40)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 2, Feb. 1966.
- REFERATIVNIYI ZHURNAL: KOTLOSTROENIE (Oldel'nyi vypusk 42) [JOURNAL OF ABSTRACTS: POWER MANUFACTURE (Separate Issue 42)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 2, Feb. 1966.
- REFERATIVNIYI ZHURNAL: Mashinostroyeniye (Oldel'nyi vypusk 43) [JOURNAL OF ABSTRACTS: MACHINE MANUFACTURE AND THE DESIGN OF MACHINE PARTS. HYDRAULIC DRIVE (Separate Issue 43)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 2, Feb. 1966.
- REFERATIVNIYI ZHURNAL: Oborudovaniye Pishchevoy Promyshlennosti (Oldel'nyi vypusk 38) [JOURNAL OF ABSTRACTS: EQUIPMENT OF THE FOOD INDUSTRY (Separate Issue 38)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 2, Feb. 1966.
- REFERATIVNIYI ZHURNAL: Tekhnologiya i Oborudovaniye Tsellyulozno-Bumazhnogo i Poligraficheskogo Proizvodstva (Oldel'nyi vypusk 37) [JOURNAL OF ABSTRACTS: TECHNOLOGY AND EQUIPMENT OF THE WOODPULP, PAPER, AND PRINTING INDUSTRY (Separate Issue 37)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 2, Feb. 1966.

REFERATIVNYI ZHURNAL TEKHNOLOGII MASHINOSTROENIYA [JOURNAL OF ABSTRACTS: TECHNOLOGY OF MACHINERY MANUFACTURE] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos 2-3, Feb - Mar 1966. Avtorskii ukazatel' za 1965 g. [Author Index for 1966].

REFERATIVNYI ZHURNAL TEPLOENERGETIKA [JOURNAL OF ABSTRACTS: HEAT ENGINEERING], Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, Mar 1966.

REFERATIVNYI ZHURNAL TRAKTORY I SEL'SKOKHOZIAISTVENNYE MASHINY I OрудIA (Otdel'nyi vypusk 44) [JOURNAL OF ABSTRACTS: TRACTORS AND AGRICULTURAL MACHINERY AND EQUIPMENT (Separate Issue 44)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb 1966.

REFERATIVNYI ZHURNAL TURBOSTROENIE (Otdel'nyi vypusk 49) [JOURNAL OF ABSTRACTS: TURBINE MANUFACTURE (Separate Issue 49)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Feb 1966.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Machinery Manufacture]. Moscow, no. 11, 1965.

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* TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], and others. Moscow, vol. 12, no. 12, Dec. 1965.

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*VESTNIK MASHINOSTROYENIYA (MACHINERY MANUFACTURE REVIEW). Organ of Gosudarstvennyy komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.]. Moscow, no.2, Feb. 1966.

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ZA RULEM [AT THE WHEEL]. Issued by Vsesoyuznoe dobrovol'noe obshchestvo sodeystviya armii, avtsialistov i floty [All-Union Voluntary Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 3, Mar. 1966.

h. MINING & METALLURGY

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LENINGRAD. VSESIOUZNYI NEFTIANOI NAUCHNO-ISSLEDovATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No. 243, 1965.
Contents: Dvial, M. F., Belonin, M. D. [Prospects for finding oil and gas at great depths in the U.S.S.R.] Perspektivy poiskov nefi i gaza na bol'shikh glublinakh na territorii SSSR. 136 p.

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*METALLURGI [METALLURGIST]. Issued by Gosudarstvennyi komitet po chernoi i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 11, no. 2, Feb. 1966.

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- Table of contents translated:
- Belash, P. M., Chen-Sin, E. - Concerning some applications of integral methods to the analysis of the development of oil and gas layers. p. 3.
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- Table of contents translated:
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NEFTEPROMYSLOVOE DELO [PETROLEUM PRODUCTION]. Issued by Tsentral'nyi nauchno-issledovatel'skiy institut tekhniko-ekonomicheskikh issledovaniy po nefti i neftekhimicheskoy i gazovoy promyshlennosti [Central Scientific Research Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 2, 1966.

Table of contents translated:

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RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, Chernaya metallurgiya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]. Moscow, vol. 9, no 2, 1968.

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Table of contents translated:

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- Table of contents translated:
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- Table of contents translated:
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* STAL' [STEEL]. Organ of Gosudarstvennyi komitet po chemnoi i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol.26, no.2, Feb.1966.

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*Z'SHCHITA METALLOV [PROTECTION OF METALS].

Issued by Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research of the U.S.S.R.] and others. Moscow, vol. 2, no. 2, 1966.

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17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

BLOCKNOT AGITATORA [THE AGITATOR'S NOTEBOOK].

Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 24, nos. 1, 4-5, Jan.-Mar. 1966.

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 47, no. 6, Mar. 1966.

Table of contents translated:

- Editorial: The brains, honor, and conscience of our epoch. p. 2
- Daryashnikov, N. - In the new phase of the building of communism. p. 8
- Eplshov, A. - Communists of the Army and Navy prepare for the congress of their beloved party. p. 16
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RODIMYI KRAI [NATIVE LAND]. Issued by Donskoe voiskovoe ob'edinenie [Don Cossack Association]. Paris, nos 59-60, July-Oct 1965.

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 47, no. 19 (1939), Oct. 1965.

- Table of contents translated:
 Pronishin, I. U. - Communist Youth League members are true to their word. p. 1.
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Vol. 47, no. 22 (1942), Nov. 1965.

- Table of contents translated:
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Vol. 47, no. 24 (1944), Dec. 1965.

- Table of contents translated:
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Vol. 48, no. 6 (1950), Mar. 1966.

- Table of contents translated:
 Khalipov, I. - True to their country and party. p. 4.
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Vol. 48, no. 7 (1951), Apr. 1966.

- Table of contents translated:
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 Beitalan, Istvan. - Zones of fire in the blue sky. p. 42.
 Army men, to the offensive! p. 44.

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 3 (67), Mar. 1966.

VESTNIK PROTIVOVOZDUSHNOI OBRONY [AIR DEFENSE REVIEW]. Published by Voennoe izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 10, Oct. 1965.

- Table of contents translated:
 Under the banner of the Great October. p. 3.
 Dorovkov, A. V. - In the interests of strengthening discipline. p. 3.
 Osipov, E. O. - So that interchangeability in crews may be complete. p. 12.
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No. 1, Jan. 1966.

- Table of contents translated:
 Snodts, V. A. - Toward new successes in combat training. p. 3.
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- Pashilov, N. K. - Minor automation. p. 30.
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b. NAVAL SCIENCE

EKONOMIKA I EKSPLOATATSIA MORSKOGO TRANSPORTA [THE ECONOMICS AND OPERATION OF THE MERCHANT MARINE]. Issued by Odelskii nauchnyi zavodeni Ministerstva morskogo flota SSSR [Department of Schools of the Ministry of the Merchant Marine]. Moscow, no. 2, 1965.

- Table of contents translated:
 Korikina, S. F. - Navigation and maritime poetry in capitalist countries. p. 3.
 Anan'ina, V. Z., Slapak, M. M., Shabsheln, E. A. - Problems and ways of improving the shipping and transshipments of chemical cargoes. p. 10.
 Soluzov, A. A., Anan'ina, V. Z. - Working out an optimum plan for assigning the tugboat and barge fleet to cargo lines. p. 19.
 Gromovoi, E. P., Kovalev, P. D. - One method for evaluating the accuracy of "almost" optimal plans. p. 26.
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 Topchil, S. M. - Calculation, operative accounting and control of the realization of the foreign exchange plan by the dry cargo fleet of a shipping company on the basis of the diurnal indices of consecutive operations. p. 48.
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- Sakovich, A. I., Romanovskii, F. D. - Some technological characteristics of the stowage of utilized cargo in railroad cars and the required characteristics of loaders used within the car. p. 117.
- Andonov, I. P. - Determining the weight of the cargo by the draft of the ship. p. 127.

LENINGRAD, INSTITUT VODNOGO TRANSPORTA. Trudy [INSTITUTE OF WATER TRANSPORTATION. Transactions]. No. 59, 1964. Automation in water transportation.

- Table of contents translated
- Popov, S. A., Neulmin, I. A. G., Svetilov, I. U. A. - Technical and economic indices of the reliability of marine automation systems. p. 3.
- Protopopov, L. I., Litinskii, E. A., Trifanov, V. N. - Automation of hydraulic loading and unloading equipment. p. 9.
- Petrov, P. P. - Automating equipment for optimizing the operating regimes of power plants on transport vessels. p. 13.
- Neulmin, I. A. G., Kapalov, D. D. - Magnetic servo amplifier for a.c. automatic control systems. p. 22.
- Sakharov, V. V. - Noncontact voltage regulator for marine d.c. generators. p. 29.
- Protopopov, L. I., Solomashko, I. M. - Transistorized voltage regulator for mounted marine d.c. generators. p. 33.
- Ribukhin, O. V., Sakharov, V. V. - Studying the operating regimes of a noncontact voltage regulator. p. 36.
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- Ivanov, G. N., Kovalev, I. U. N. - Random number converters. p. 44.
- Ivanov, G. N., Andreev, V. I. - Diode memory unit of a universal electronic digital computer. p. 51.
- Mollavko, E. A. - Program for the computation of the Bessel's functions $J_0(x)$, $J_1(x)$ on the "Minsk-1" electronic digital computer. p. 56.
- Petrov, I. U. P. - Optimum control of the movement of ships in a variable-depth fairway. p. 62.

LENINGRAD, TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MORSKOGO FLOTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions]. No. 87, 1965. Prospective types of seagoing ships.

- Table of contents translated.
- Strumpe, P. L., and others. - Prospective types of transport ships and basic problems in improving their technical and operational characteristics. p. 3.
- Miroshnichenko, I. P., and others. - Studying the technical and economic characteristics and indices of the prospective design of a high-speed dry cargo ship. p. 12.
- Logvinovich, E. G., Birkov, F. I. U., Morozina, F. A. - Choice of the basic characteristics of a river- and seagoing ship for the Black Sea-Baltic Sea Waterway. p. 56.
- Smirnov, V. A., Zhuravleva, L. S. - Basis and selection of loading gear for dry cargo ships to be built during the period 1966-1970. p. 80.
- Logachev, S. I. - Determining the capacity of gas carriers. p. 100.
- Miroshnichenko, I. P., Vorobiov, E. B., Sidorov, B. K. - Improving the architectural and structural type and the cargo characteristics of the SEV-2 12,500-deadweight-ton universal dry cargo ships to be built during the period 1966-1970. p. 120.
- Makstmadzhi, A. I. - Consideration of the hull elasticity in determining the minimum freeboard of oil tankers. p. 129.

MORSKOI FLOT [THE MERCHANT MARINE]. Issued by Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U.S.S.R.]. Moscow, vol. 20, no. 2, Feb. 1966.

- Table of contents translated:
- Increase the responsibility, develop a businesslike attitude, activity and initiative. p. 1.
- Shmelov, S. - Toward new frontiers. p. 3.
- Manuilov, A. - Competition between the collectives of longshoremen and seamen. p. 5.
- Nozdin, D. - They are mastering new techniques with determination. p. 6.
- Dubchak, V. - Raise the level of research. p. 8.
- Grishin, B. - The crew of the steamship "Sovetskii Soluz" in the struggle for profitability. p. 10.
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List of Periodicals Indexed and Abbreviations Used

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Agitator (6)	Agitator [Agitator]	Bot. zhur. (13c)	Botanicheskiy zhurnal [Botanical Journal]
Agrokhimia (15a)	Agrokhimia [Agrochemistry]	Bukhg. uchët (6a)	Bukhgalterskiy uchët [Accounting]
Aktinometr. ezhem. (13f)	Aktinometricheskii ezheмесяchnik [Actinometric Monthly]	Bum. prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]
Antibiotiki (14f)	Antibiotiki [Antibiotics]	Burenio (10h)	Burenio [Drilling]
Apt. delo (14f)	Apteknoe delo [Pharmacy]	Den. i kred. (5c)	Den'gi i kredit [Money and Credit]
Arkhl. anat., gist. i embr. (13c)	Arkhiv anatomii, gistologii i ontologii [Archives of Anatomy, Histology, and Embryology]	Der. prom. (16f)	Derevoobrabatывaushchaya promyshlennost' [Woodworking Industry]
Arkhl. pat. (14e)	Arkhiv patologii [Archives of Pathology]	Disk. anal. (13e)	Diskretnyi analiz [Discrete Analysis]
Atom. energ. (16e)	Atomnaya energiya [Atomic Energy]	Dokl. AN BSSR (13a)	Akademiiya nauk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S. S. R. Reports]
Av. i kosm. (16b)	Aviatsiya i kosmonavtika [Aviation and Astronautics]	Dokl. AN SSSR (13a)	Akademiiya nauk SSSR. Doklady [Academy of Sciences of the U. S. S. R. Reports]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]	Dokl. AN Tadzh. SSR (1a)	Akademiiya nauk Tadzhikskoi SSR, Dushanbe. Doklady [Academy of Sciences of the Tajik S. S. R. Reports]
Avt. prom. (16g)	Avtomobil'naya promyshlennost' [Automobile Industry]	Dokl. Akad. sel'-khoz. nauk (15a)	Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. I. V. Lenina. Doklady [Lenin All-Union Academy of Agricultural Sciences. Reports]
Avt. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]	Dokl. MIISP (15a)	Moscow Institut inzhenerov sel'skokhozyaystvennogo proizvodstva Doklady [Institute of Agricultural Production Engineers Reports]
Avtom. i telemek. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]	Dop. AN URSS (13a)	Akademiiya nauk URSS, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S. S. R. Reports]
Avtom. svar. (16f)	Akademiiya nauk URSS, Kiev. Institut elektrozvarivaniya Avtomaticheskaya svarka [Academy of Sciences of the Ukrainian S. S. R. Institute of Electric Welding Automatic Welding]	Doshk. vosp. (6a)	Doshkol'noe vospitanie [Preschool Education]
Av. m. (16g)	Avtomobil'naia [Autometry]	Dvig. vnutr. sgor. (16g)	Dvigateli vnutrennego sgoraniya [Internal-Combustion Engines]
Az. i Afr. seg. (1b)	Azija i Afrika segodnya [Asia and Africa Today]	Ekon. i ekspl. mor. transp. (17b)	Ekonomika i ekspluatatsiya morskogo transporta [The Economics and Operation of the Merchant Marine]
Azerb. med. zhur. (14a)	Azerbajchan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]	Ekon. i zhizn' (6b)	Ekonomika i zhizn' [Economics and Life]
Azerb. neft. khaz. (16h)	Azerbaidzhanskoe neftnaya khozyaystvo [Azerbaijan Petroleum Industry]	Ekon. Rad. Ukr. (6b)	Ekonomika Radians'kol Ukrainy [Economics of the Soviet Ukraine]
BKI [Prilozh.] (5a)	Biulleten' inostrannoi kommercheskoi informatsii; prilozhenie [Bulletin of Foreign Commercial Information; Supplement]	Ekon. sel'khoz. (6b)	Ekonomika sel'skogo khozyaystva [Economics of Agriculture]
Bet. i zhol. bet (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]	Ekon. stroit. (6b)	Ekonomika stroitel'stva [Economics of Construction]
Bibliot. -bibl. inform. (2a)	Akademiiya nauk SSSR. Sektor sel'skokhozyaystvennykh bibliotek. Biblioteko-bibliograficheskaya informatsiya [Academy of Sciences of the U. S. S. R. Sector of Special Libraries. Library and Bibliographical Information]	Eksp. khir. i anest. (14h)	Ekspertimental'naya khirurgiya i anestezologiya [Experimental Surgery and Anesthesiology]
Bibliotekar' (2b)	Biblioteka [The Librarian]	Elek. i tept. tiaga (16g)	Elektricheskaya i teplovzr'ya tiaga [Electric and Diesel Locomotive Traction]
Bibliotekoved. i bibl. za rub. (2b)	Bibliotekovedenie i bibliografiya za rubezhom [Library Science and Bibliography Abroad]	Elek. obr. mat. (16e)	Elektronnaya obrabotka materialov [Electronic Processing of Materials]
Biofizika (13c)	Biofizika [Biophysics]	Elektrichestvo (16e)	Elektrichestvo [Electricity]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]	Elektro-khimiya (13d)	Elektrokhimiya [Electrochemistry]
Biul. MOIP, Otd. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]	Elektrosvyaz' (16e)	Elektrosvyaz' [Telecommunication]
Biul. MOIP, Otd. geol. (12c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section]	Elektrotehnika (16e)	Elektrotehnika [Electrical Engineering]
Biul. mezhdu-nar. nauch. s'ezd., konf. i kongr. (1a)	Biulleten' mezhdunarodnykh nauchnykh s'ezdov, konferentsii i kongressov [Bulletin of International Scientific Meetings, Conferences, and Congresses]	Energ. stroit. (16e)	Energeticheskoe stroitel'stvo [Power Construction]
Biul. stroit. tekhn. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]	Energ. stroit. (16e)	Energetika [Electric Power Technician]
Biul. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. (16a)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [State Scientific Research Institute for Scientific and Technical Information. Bulletin of Technical and Economic Information]	Energokhoz. za rub. (16e)	Energokhozyaystvo za rubezhom; prilozhenie k zhurnalu "Elektricheskoe staniitsi" [Electric Power Production and Utilization in Foreign Countries; Supplement to the Periodical "Electric Power Stations"]
Biul. Verkh. Suda RSFSR (7)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]	Energomashino-stroenie (16g)	Energomashinoostroenie [Power Machinery Construction]
		Ent. oboz. (13c)	Entomologicheskoe obozrenie [Entomological Review]
		Ezhogod. knigi SSSR (2a)	Ezhogodnik knigi SSSR; sistematischeskii ukazatel' [Annual of Soviet Books; Classified Index]

Farm i toks (14f)	Farmakologiya i toksikologiya [Pharmacology and Toxicology]	Izobr., prom obraz., tov znak. (16a)	Izobretenia, promyshlennyye obrazy, tovarnyye znaki [Inventions, Industrial Samples, Trademarks]
Farmatsyey zhur. (14f)	Farmatsyevychnyy zhurnal [Pharmaceutical Journal]	Izv. AN Arm. SSR Khim. nauk (13d)	Akademii nauk Armiyskoi SSR, Eriyan. Izvestiya, Khimicheskii nauki [Academy of Sciences of the Armenian S.S.R. Bulletin, Chemical Sciences]
Filos. probl. such. prirod (13a)	Filosofskie problemy suchasnogo prirodoznaniya [Philosophical Problems of the Natural Sciences]	Izv. AN Arm. SSR Nauki o zem. (12c)	Akademii nauk Armiyskoi SSR, Eriyan. Izvestiya Nauki o zemle [Academy of Sciences of the Armenian S.S.R. Bulletin, Earth Sciences]
Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]	Izv. AN Azerb. SSR, Ser. biol. nauk (13c)	Akademii nauk Azerbaidzhanskoi SSR, Bakru. Izvestiya, Seriya biologicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin, Series in the Biological Sciences]
Fiz. gos. i vzryva (13f)	Fizika goreniya i vzryva [Physics of Combustion and Blasting]	Izv. AN Azerb. SSR Ser. geol.- geog. nauk (12c)	Akademii nauk Azerbaidzhanskoi SSR, Bakru. Izvestiya, Seriya geologo-geograficheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin, Series in the Geological and Geographical Sciences]
Fiziol. zhur. (13c)	Fiziologicheskiy zhurnal SSSR [Physiological Journal of the U.S.S.R.]	Izv. AN Azerb. SSR Ser. geol.- geog. nauk (12c)	Akademii nauk Azerbaidzhanskoi SSR, Bakru. Izvestiya, Seriya geologo-geograficheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin, Series in the Geological and Geographical Sciences]
Fiziol. zhur. [Ukr.] (13c)	Fiziologichnyi zhurnal [Physiological Journal]	Izv. AN Kazakh. SSR, Ser. biol. nauk (13c)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestiya, Seriya biologicheskikh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin, Series in the Biological Sciences]
Funk. anal. i teor. funk. (13e)	Kazan. Universitet. Funktsional'nyi analiz i teoriya funktsii [University Functional Analysis and the Theory of Functions]	Izv. AN Kazakh. SSR, Ser. fiz.- mat. nauk (13f)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestiya, Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin, Series in the Physical and Mathematical Sciences]
Gaz. delo (10h)	Gazovoe delo [Gas Industry]	Izv. AN Kazakh. SSR, Ser. fiz.- mat. nauk (13f)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestiya, Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin, Series in the Physical and Mathematical Sciences]
Gaz. prom. (16c)	Gazovaya promyshlennost' [Gas Industry]	Izv. AN Kazakh. SSR, Ser. khim. nauk (13d)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestiya, Seriya khimicheskikh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin, Series in the Chemical Sciences]
Gello- tekhnika (16a)	Gellotekhnika [Solar Energy Engineering]	Izv. AN SSSR, Energiya i transp. (16g)	Akademii nauk SSSR, Izvestiya, Energetika i transport [Academy of Sciences of the U.S.S.R. Bulletin, Power Engineering and Transportation]
Genetika (13c)	Genetika [Genetics]	Izv. AN SSSR, Fiz. atm. i okeana (13f)	Akademii nauk SSSR, Izvestiya, Fizika atmosfery i okeana [Academy of Sciences of the U.S.S.R. Bulletin, Atmospheric and Oceanic Physics]
Geod. i kart. (16a)	Geodeziya i kartografiya [Geodesy and Cartography]	Izv. AN SSSR, Fiz. zem. (13f)	Akademii nauk SSSR, Izvestiya, Fizika zemli [Academy of Sciences of the U.S.S.R. Bulletin, Physics of the Earth]
Geofiz. sbor. (13f)	Akademii nauk URSS, Kiev. Geofizicheskii sbornik [Academy of Sciences of the Ukrainian S.S.R. Geophysical Papers]	Izv. AN SSSR, Met. (16h)	Akademii nauk SSSR, Izvestiya, Metall [Academy of Sciences of the U.S.S.R. Bulletin, Metals]
Geokhimiya (12c)	Geokhimiya [Geochemistry]	Izv. AN SSSR, Ser. biol. (13c)	Akademii nauk SSSR, Izvestiya, Seriya biologicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin, Biological Series]
Geol. i geofiz. (12c)	Geologiya i geofizika [Geology and Geophysics]	Izv. AN SSSR, Ser. geol. (12c)	Akademii nauk SSSR, Izvestiya, Seriya geologicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin, Geological Series]
Geol. i geokhim. nefti. i gaz. mestorozh. (16h)	Geologiya i geokhimiya neftyanykh i gazovykh mestorozhdenii [Geology and Geochemistry of Oil and Gas Fields]	Izv. AN SSSR, Ser. khim. (13d)	Akademii nauk SSSR, Izvestiya, Seriya khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin, Chemical Series]
Geol. nefti i gaza (16h)	Geologiya nefti i gaza [The Geology of Petroleum and Gas]	Izv. AN Turk. SSR, Ser. fiz.-tekhn., khim. i geol. nauk (13a)	Akademii nauk Turkmen'skoi SSR, Ashkhabad. Izvestiya, Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin, Series in the Physical and Technological, Chemical, and Geological Sciences]
Geol. zhur. (12c)	Geologichnyi zhurnal [Geological Journal]	Izv. AN Uz. SSR, Ser. fiz.-mat. nauk (13f)	Akademii nauk Uzbekskoi SSR, Tashkent. Izvestiya, Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin, Series in the Physical and Mathematical Sciences]
Gidr. i mel. (15a)	Gidrotekhnika i melioratsiya [Hydraulic Engineering and Reclamation]	Izv. AN Uz. SSR, Ser. tekhn. nauk (16a)	Akademii nauk Uzbekskoi SSR, Tashkent. Izvestiya, Seriya tekhnicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin, Series in the Technical Sciences]
Gidr. stol. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]	Izv. GosNIORKH (15b)	Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut ozerogo i rechnogo rybnogo khozaystva. Izvestiya [State Scientific Research Institute of Lake and River Fisheries. Bulletin]
Gidrometromekhanika (13f)	Gidrometromekhanika [Hydrometromechanics]	Izv. NIPT (16e)	Leningrad. Nauchno-issledovatel'skii institut postoiannogo toka. Izvestiya [Direct Current Scientific Research Institute. Bulletin]
Gidrobiol. zhur. (13c)	Gidrobiologicheskiy zhurnal [Hydrobiological Journal]	Izv. SO AN SSSR, Ser. khim. nauk (13d)	Akademii nauk SSSR, Sibirskoe otdeleniye, Izvestiya, Seriya khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Siberian Department, Bulletin, Series in the Chemical Sciences]
Gidroliz. i lesokhim. prom. (16e)	Gidroliznaya i lesokhimicheskaya promyshlennost' [Hydrolysis and Wood Chemistry Industry]		
Gor. stol. i dov. mash. (10g)	Gornye, stroitel'nye i dorozhnye mashiny [Mining, Construction, and Road Machinery]		
Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]		
Grazhd. av. (16b)	Grazhdanskaya aviatsiya [Civil Aviation]		
IAd. fiz. (13f)	IAdernaya fizika. Journal of Nuclear Physics.		
Inform. biul. Sov. antark. eksp. (1a)	Sovetskaya antarkicheskaya ekspeditsiya, 1954-1958. Informatsionnyiulleten' [Soviet Antarctic Expedition, 1955-1958. Information Bulletin]		
Inform. biul. VDNKH (16a)	Moscow. Vystavka dostizhenii narodnogo khozaystva SSSR. Informatsionnyiulleten' [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin]		
Inform. ukaz. bibl. spis. i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spisokov i kartotek, sostavlenykh bibliotekami Sovetskogo Soyuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]		
Inform. ukaz. stand. (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]		
Ispol'. mikroorg. v nar. khoz. (15n)	Ispol'zovanie mikroorganizmov v narodnom khozaystve [Utilization of Micro-Organisms in the National Economy]		
Ist. SSSR (4a)	Istoriya SSSR [History of the U.S.S.R.]		
Izobr. i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]		

Izv. SO AN SSSR. Ser. tekhn. nauk (10a)	Akademii nauk SSSR, Sibirskoe otdeleniye, Izvestiya, Seriya tekhnicheskikh nauk [Academy of Sciences of the U.S.S.R., Siberian Department, Bulletin Series in the Technological Sciences]	Khim. i tekhn. topl. i naseol (16c)	Khimia i tekhnologiya topliv i naseol [Chemistry and Technology of Fuel and Oil]
Izv. VNIIG (10d)	Leningrad Vsesoyuznyi nauchno-issledovatel'skii institut gidrotekhniki, Izvestiya [All-Union Scientific Research Institute of Hydraulic Engineering, Bulletin]	Khim. inform (13d)	Khimicheskaya informatsiya, stateimicheskii ukazatel' statei v inostrannykh zhurnalakh [Chemical Information, Classified Index of Articles in Foreign Periodicals]
Izv. Vses. geog. ob-va (12b)	Geograficheskoe obshchestvo SSSR, Izvestiya [Geographic Society of the U.S.S.R. Bulletin]	Khim. prirod. soed. (13d)	Khimia prirodnkh soedinenii [Chemistry of Natural Compounds]
Izv. vys. ucheb. zav., chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; chernaya metallurgiya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Ferrous Metallurgy]	Khim. prom. (16c)	Khimicheskaya promyshlennost' [Chemical Industries]
Izv. vys. ucheb. zav., elektromekh. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]	Khim. v sel'. khoz. (16a)	Khimia v sel'skom khozinstve [Chemistry in Agriculture]
Izv. vys. ucheb. zav. energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Power Engineering]	Khirurgiya (14h)	Khirurgiya [Surgery]
Izv. vys. ucheb. zav., fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Physics]	Khib. i kond. prom. (16f)	Khibopekarnaya i konditerskaya promyshlennost' [Baking and Confectionery Industry]
Izv. vys. ucheb. zav., geol. i razv. (16b)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; geologiya i razvedka [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Geology and Prospecting]	Khol. tekhn. (16c)	Kholodil'naya tekhnika [Refrigeration Engineering]
Izv. vys. ucheb. zav.; gor. zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Mining Journal]	Kin. i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysis]
Izv. vys. ucheb. zav., khim. i khim. tekhn. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; khimika i khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology]	Klin. khir. (14h)	Klinicheskaya khirurgiya [Clinical Surgery]
Izv. vys. ucheb. zav.; les. zhur. (15c)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Forestry Journal]	Knizh. let. (2a)	Knizhnaya letopis' [Book Chronicle]
Izv. vys. ucheb. zav.; mashino-st. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; mashinostroyeniye [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Machinery Manufacture]	Knizh. torg. (2c)	Knizhnaya torgovlya [Book Trade]
Izv. vys. ucheb. zav., nef't' i gaz (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; nef't' i gaz [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Petroleum and Gas]	Koks i khim. (16c)	Koks i khimika [Coke and Chemistry]
Izv. vys. ucheb. zav.; stroit. i arkhii. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Radio Engineering]	Koll. zhur. (13d)	Kolloidnyi zhurnal [Colloid Journal]
Izv. vys. ucheb. zav.; tekhn. i og. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; tekhnologiya legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Technology of Light Industry]	Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Izv. vys. ucheb. zav.; tokh. i tekst. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; tekhnologiya tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Technology of the Textile Industry]	Kommunist (6)	Kommunist [Communist]
Izv. vys. ucheb. zav.; tsvet. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedenii; tsvetnaya metallurgiya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy]	Kons. i ov. prom. (16c)	Konservnaya i ovoshchesushil'naya promyshlennost' [The Canning and Dehydrated Vegetable Industry]
Kauch. i roz. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]	Kosm. luch. (13f)	Akademii nauk SSSR, Mezhdunarodnyy geofizicheskii komitet, Kosmicheskoe luch. [Academy of Sciences of the U.S.S.R. Interdepartmental Geophysical Committee, Cosmic Rays]
Khar. prom. (16f)	Kharchovaya promyshlennost' [Food Industry]	Kozh. - obuv. prom. (16f)	Kozhevno-obuvnaya promyshlennost' [Leather and Footwear Industry]
Khim. i nef't. mashinostr. (16c)	Khimicheskoe i nef'tyanoe mashinostroyeniye [Chemical and Petroleum Machinery Manufacture]	Krat. soob. inst. arkeol. (4b)	Akademii nauk SSSR, Institut arkhologii, Kratkie soobshcheniya o dokladakh i polevykh issledovaniyakh [Academy of Sciences of the U.S.S.R. Institute of Archaeology, Brief Summaries of Reports and Field Explorations]
		Krat. soob. inst. nar. Az. (4a)	Akademii nauk SSSR, Institut narodov Azii, Kratkie soobshcheniya [Academy of Sciences of the U.S.S.R. Institute of the Peoples of Asia, Brief Reports]
		Kryl. rod. (10b)	Kryl'ia rodiny [Wings of the Motherland]
		Kuz. - shlam. proizv. (16g)	Kuznechno-shlampovoechnoe proizvodstvo [Forging and Slamping]
		Lab. delo (14c)	Laboratornoye delo [Laboratory Work]
		Lakokras. mat. i ikh prim. (16c)	Lakokrasochnyye materialy i ikh primeneniye [Lacquer and Paint Materials and Their Use]
		Leg. prom. (16f)	Legkaya promyshlennost' [Light Industry]
		Let. druku BSSR (2a)	Letopis' druku BSSR, Letopis' pechatii BSSR [Chronicle of the Publications of the White Russian S.S.R.]
		Let. gazet. st. (2a)	Letopis' gazetykh statei [Chronicle of Newspaper Articles]
		Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
		Lit. i isk. nar. SSSR i zarub. stran (11b)	Literatura i iskusstvo narodov SSSR i zarubezhnykh stran [Literature and Art of the Peoples of the U.S.S.R. and Foreign Countries]
		Lit. po ped. naukam i nar. obr. (8a)	Literatura po pedagogicheskim naukam i narodnomu obrazovaniyu [Literature on the Pedagogical Sciences and Public Education]
		Lit. proizv. (16h)	Litseinoye proizvodstvo [Foundry Practice]
		Mag. gidr. (13f)	Magnitnaya gidrodinamika [Magnetohydrodynamics]
		Mash. i nef't. obr. (16h)	Mashiny i nef'tyanoe oborudovaniye [Machinery and Petroleum Equipment]
		Mashinostr. (16g)	Mashinostroyeniye [Machine Building]
		Mashinovedeniye (16g)	Mashinovedeniye [Mechanical Engineering]
		Masl. - zhir. prom. (16c)	Maslo-zhitovaya promyshlennost' [Oils and Fats Industry]

Mat. i dok. po ist. stand. (10a)	Materialy i dokumenty po istorii standartizatsii [Materials and Documents on the History of Standardization]	Nauch. trudy ENIKMASHa (10g)	Moscow Eksperimental'nyi nauchno-issledovatel'skii Institut kuznechno-pressovogo mashinostroeniia. (Nauchnye trudy) [Experimental Scientific Research Institute for Press Forging in Machinery Manufacture Studies]
Mat. i issl. po arkheol. SSSR (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]	Nauch. trudy KHIT (10g)	Khar'kov. Institut inzhenerov zhalznychnogo transporta. Nauchnye trudy [Institute of Engineers of Railroad Trans- portation Studies]
Mat. nabl. seism. sta. "Apatity" (12c)	Apatity. Seismicheskaya stantsiia. Materialy nabludenii [Seismic Station. Observations]	Nauch. trudy OMIT (10g)	Omsk. Institut inzhenerov zheleznodorozhnogo transporta. Nauchnye trudy [Institute of Engineers of Railroad Trans- portation Studies]
Mat. po arkheol. Evrop. Sev.- Vost. (4b)	Materialy po arkheologii Evropeiskogo Severo-Vostoka [Materials on the Archaeology of Northeastern Europe]	Nauch. trudy Paim. politekh. inst. (16a)	Paim. Politehnicheskii institut. Nauchnye trudy [Polytechnic Institute. Studies]
Mat. po geol., geofiz. i geokhim. Ukr., Kazakh, Zabakh. (12c)	Materialy po geologii, geofizike i geokhimii Ukrainy, Kazakhstana, Zhabkhal'ia [Materials on the Geology, Geophysics and Geochemistry of the Ukraine, Kazakhstan, and Transbaikalia]	Nauch. trudy SibVIM (10g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii Institut mekhanizatsii sel'skogo khoziaistva. Sibirskii filial. Nauchnye trudy [All-Union Scientific Research Institute for the Mechanization of Agriculture. Siberian Branch. Studies]
Mat. rybokhoz. issl. Sev. bas. (16b)	Materialy rybokhoziaistvennykh issledovanii Severnogo basseina [Materials of Fisheries Research in the Northern Basin]	Nauch. trudy TashGU. Ist. nauki (4a)	Tashkent. Universitet. Nauchnye trudy. Istoricheskie nauki [University. Studies, Historical Sciences]
Mat. sbor. (13a)	Matematicheskii sbornik [Mathematical Review]	Neft. khoz. (16h)	Neftianoe khoziaistvo [The Petroleum Industry]
Med. paraz. i paraz. bol. (14a)	Meditsinskaya parazitologiya i parazitarnye bolezni [Medical Parasitology and Parasitic Diseases]	Neftegaz. geol. i geofiz. (16h)	Neftegazovaya geologiya i geofizika [Petroleum and Gas Geology and Geophysics]
Med. rad. (14a)	Meditsinskaya radiologiya [Medical Radiology]	Neftekhimia (16c)	Neftekhimia [Petrochemistry]
Med. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]	Nefteper. i neftekhim. (16h)	Neftepererabotka i neftekhimiia [Petroleum Refining and Petroleum Chemistry]
Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechani- zation and Automation of Production]	Nefteprom. delo (16h)	Neftpromyslovoe delo [Petroleum Production]
Met. i koksokhim. (16h)	Metallurgiya i koksokhimiya [Metallurgy and the Chemistry of Coking]	Neftianik (16h)	Neftianik [The Petroleum Worker]
Metalloved. i term. obr. met. (16h)	Metallovedenie i termicheskaya obrabotka metallov [Metals and Heat Treatment of Metals]	Nov. inostr. ekon. lit. (5b)	Novaya inostrannaya ekonomicheskaya literatura [New Foreign Economic Literature]
Metallurg (16h)	Metallurg [Metallurgist]	Nov. inostr. lit. po filos. (3a)	Novaya inostrannaya literatura po filosofii [New Foreign Literature on Philosophy]
Meleor. i gidrol. (13f)	Meleorologiya i gidrologiya [Meteorology and Hydrology]	Nov. inostr. lit. po iaz. (11a)	Novaya inostrannaya literatura po iazykoznaniiu [New Foreign Literature on Linguistics]
Metod. mal. po gos. bibl. reg. (2a)	Metodicheskie materialy po gosudarstvennoi bibliografi- cheskoi registratsii [Materials on the Methodology of State Bibliographical Registration]	Nov. inostr. lit. po ist. arkheol. i etn. (4a)	Novaya inostrannaya literatura po istorii, arkheologii i etno- grafii [New Foreign Literature on History, Archaeology, and Ethnography]
Mezhdunar. zhizn' (6)	Mezhdunarodnaya zhizn' [International Life]	Nov. inostr. lit. po lit. (11b)	Novaya inostrannaya literatura po literaturovedeniui [New Foreign Literature on the Study of Literature]
Mezhvuz. filos. sbor. Kish. un. (3a)	Kishinev. Universitet. Mezhevuzovskii filosofskii sbornik [University. Interuniversity Philosophical Papers]	Nov. knigi, ezhened. inform. bibl. zhur. (2a)	Novye knigi; ezhenedeli'nyi informatsionno-bibliograficheskii zhurnal [New Books, Bibliographical Information Weekly]
Miasn. ind. SSSR (16f)	Miasnaya industriia SSSR [Meat Industry of the U.S.S.R.]	Nov. knigi SSSR (2a)	Novye knigi SSSR [New Books of the U.S.S.R.]
Mikrobiologiya (13c)	Mikrobiologiya [Microbiology]	Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriya A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiia, geologiya, fizi- cheskaya geografiia [New Foreign books: Series A: Matho- matics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]
in. sbor. (12c)	Mineralogicheskii sbornik [Mineralogical Review]	Nov. knigi za rub. Ser. B (16a)	Novye knigi za rubezhom. Seriya B: Tekhnika [New Foreign Books, Series B: Technology]
ir. ekon. i mezhdunar. otn. (5b)	Mirovaya ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]	Nov. knigi za rub. Ser. V (2a)	Novye knigi za rubezhom. Seriya V: Biologiya, meditsina, sel'skoe khoziaistvo [New Foreign Books, Series V: Biology, Medicine, Agriculture]
Mol. komm. (6)	Molodoi kommunist [The Young Communist]	Nov. knigi za rub. po obshchestv. naukam (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiya, istoriya, mezhdunarodnye otnoshe- niia [New Foreign Books on the Social Sciences; Eco- nomics, Philosophy, History, International Relations]
Mor. flot (17b)	Morskoi flot [The Merchant Marine]	Novi knyhy URSS (2a)	Novi knyhy URSS [New Books of the Ukrainian S.S.R.]. In Ukrainian.
Mor. sbor. (17b)	Morskoi sbornik; zhurnal Voenno-Morskogo Flota Soluza SSR [Naval Review; Magazine of the Soviet Navy]	Nov. lit. o nauke i nauch. -issl. rab. za rub. (2a)	Novaya literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Muk. -elev. prom. (16f)	Mukomol'no-elevatornaya promyshlennost' [Flour Milling and Grain Storage]	Nov. lit. po Boie (2a)	Novaya literatura po Bolgarii [New Literature on Bulgaria]
NTO (16a)	Vsesoiuznyi soviet nauchno-tekhnicheskikh obshchestv. Nauchno-tekhnicheskia obshchestva SSSR [All-Union Council of Scientific Technological Societies. Scientific Technological Societies of the U.S.S.R.]	Nov. lit. po Chekh. (2a)	Novaya literatura po Chekhoslovakii [New Litera- ture on Czechoslovakia]
Na stroi. Ros. (16d)	Na stroikakh Rossii [At Russian Construction Projects]	Nov. lit. po Ger. Dem. Resp. (2a)	Novaya literatura po Germaniskoi Demokraticeskoi Respub- like [New Literature on the German Democratic Republic]
Nach. shkola (8a)	Nachal'naya shkola [Primary School]	Nov. lit. po IUG. (2a)	Novaya literatura po Iugoslavii [New Literature on Yugo- slavia]
Nar. Az. i Afr. (4a)	Narody Azii i Afriki; istoriya, ekonomika, kul'tura [Peoples of Asia and Africa; History, Economics, Culture]	Nov. lit. po obshch. probl. evrop. sots. stran (4a)	Novaya literatura po obshchim problemam evropeiskikh sotsialisticheskikh stran [New Literature on the General Problems of the European Socialist Countries]
Nar. khoz. Kazakh, (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]		
Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]		
Nauch. trudy AKKH (16d)	Akademii kommunalnogo khoziaistva. Nauchnye trudy [Academy of Communal Economy. Studies]		
Nauch. trudy AKKH, Zhil. khodz. (16d)	Akademii kommunalnogo khoziaistva. Nauchnye trudy. Zhilishchnoe khoziaistvo [Academy of Communal Economy. Studies, Housing]		

: Geog.	Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]	Ryb khoz (15b)	Rybnoe khozaistvo [Fisheries]
13c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts, Geology]	Sakh, prom. (16c)	Sakharnaya promyshlennost' [Sugar Industry]
: Gor. 6h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]	Samoletostr i tekhn. vozdukh. flota (16b)	Samoletostrouenie i tekhnika vozdukhogo flota [Airplane Manufacture and Technology of the Air Fleet]
: Yad. 16a)	Referativnyi zhurnal: Yadernye reaktory (Otdel'nyi vypusk 50) [Journal of Abstracts, Nuclear Reactors (Separate Issue 50)]	Sbor. nauch. i ab. Volg. gos. ped. inst. (1a)	Volgograd. Gosudarstvennyi pedagogicheskii institut. Sbornik nauchnykh rabot [State Pedagogical Institute, Papers]
: Issl. kosm.	Referativnyi zhurnal: Issledovanie kosmicheskogo prostianstva (Otdel'nyi vypusk 62) [Journal of Abstracts: Space Research (Separate Issue 62)]	Sbor. nauch. rab vrach. Kar. ASSR (14a)	Sbornik nauchnykh rabot vrachei Karelskoi ASSR [Papers by Physicians of the Karelian A. S. S. R.]
: Khim. 1)	Referativnyi zhurnal: Khimiia [Journal of Abstracts Chemistry]	Sbor. nauch. trud. Dnepr. inzh. - stroit. inst. (16d)	Dnepropetrovsk. Inzhenerno-budivelnii institut. Sbornik nauchnykh trudov [Civil Engineering Institute, Papers]
: Mash. 16c)	Referativnyi zhurnal: Mashinostroyeniye (Otdel'nyi vypusk 47) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 47)]	Sbor. nauch. trud Nauch. - issl. inst. zem (15a)	Echmaladzin Nauchno-issledovatel'skii institut zemledolizha. Sbornik nauchnykh trudov [Scientific Research Institute of Agriculture Papers]
: Kibernetika	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]	Sbor. nauch. trud. Perm. politekh. inst. (16a)	Perm. Politehnicheskii institut. Sbornik nauchnykh trudov [Polytechnic Institute, Papers]
: Kotlostroyeniye	Referativnyi zhurnal: Kotlostroyeniye (Otdel'nyi vypusk 42) [Journal of Abstracts: Boiler Manufacture (Separate Issue 42)]	Sbor. rab Kursk gidromet. obsl. (13f)	Kursk. Gidrometeorologicheskaya observatoriya. Sbornik rabot [Hydrometeorological Observatory, Papers]
: Leg. 16f)	Referativnyi zhurnal: Legkaya promyshlennost' [Journal of Abstracts: Light Industry]	Sbor. izd. LITZHT (16d)	Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik trudov [Institute of Railroad Transportation Engineers, Papers]
: Lesovodstvo	Referativnyi zhurnal: Lesovodstvo i lesovodstvo (Otdel'nyi vypusk 50) [Journal of Abstracts: Forestry and Forest Management (Separate Issue 50)]	Sbor. trud. MVTU (16a)	Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche. Sbornik trudov [Moscow Technical College, Papers]
: Mashinostroyeniye	Referativnyi zhurnal: Mashinostroyeniye i konstruktivnyye raschet detalей mashin. Gidroprivod (Otdel'nyi vypusk 48) [Journal of Abstracts: Materials for Machinery Manufacture and the Design of Machine Parts. Hydraulic Drive (Separate Issue 48)]	Sel'khozh. lit. SSSR (15a)	Sel'skokhozhaystvennaya literatura SSSR [Agricultural Literature of the U. S. S. R.]
: Meditsinskaya geografiia	Referativnyi zhurnal: Meditsinskaya geografiia (Otdel'nyi vypusk 36) [Journal of Abstracts: Medical Geography (Separate Issue 36)]	Shakht. stroit. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]
: Mekhanika	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]	Shkola i proizvod. (8a)	Shkola i proizvodstvo [School and Industry]
: Metrologiya i izmeritel'naya tekhnika	Referativnyi zhurnal: Metrologiya i izmeritel'naya tekhnika (Otdel'nyi vypusk 32) [Journal of Abstracts: Mensuration and Measurement Techniques (Separate Issue 32)]	Shveln. prom. (10f)	Shvelnaya promyshlennost' [Clothing Industry]
: Nauchnaya i tekhnicheskaya informatsiya	Referativnyi zhurnal: Nauchnaya i tekhnicheskaya informatsiya (Otdel'nyi vypusk 50) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 50)]	Sib. mat. zhur. (13c)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]
: Obshcheye voprosy patologii. Onkologiya	Referativnyi zhurnal: Obshcheye voprosy patologii. Onkologiya (Otdel'nyi vypusk 53) [Journal of Abstracts: General Problems of Pathology. Oncology (Separate Issue 53)]	Sil'sk. bud. (16d)	Sil'skoe budivelnitsvo [Rural Construction]
: Oborudovanie pishchev. promyshlennosti	Referativnyi zhurnal: Oborudovanie pishchev. promyshlennosti (Otdel'nyi vypusk 38) [Journal of Abstracts: Equipment of the Food Industry (Separate Issue 38)]	Sots. - ekon. probl. ist. isp. (4a)	Sotsial'no-ekonomicheskie problemy istorii Ispanii [Socioeconomic Problems in the History of Spain]
: Radiotekhnika i elektrosviaz'	Referativnyi zhurnal: Radiotekhnika i elektrosviaz' [Journal of Abstracts: Radio Engineering and Telecommunication]	Sots. trud (5d)	Sotsialisticheskie trud [Socialist Labor]
: Raketostryeniye	Referativnyi zhurnal: Raketostryeniye (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]	Sots. zakon. (7)	Sotsialisticheskaya zakonnost' [Socialist Legality]
: Raslenievodstvo	Referativnyi zhurnal: Raslenievodstvo (Otdel'nyi vypusk 55) [Journal of Abstracts: Plant Culture (Separate Issue 55)]	Sov. arkhitekt. (10b)	Sovetskaya arkhitektura [Soviet Architecture]
: Tekhnologiya i oborudovanie tselulozno-bumazhnogo i poligraficheskogo proizvodstva	Referativnyi zhurnal: Tekhnologiya i oborudovanie tselulozno-bumazhnogo i poligraficheskogo proizvodstva (Otdel'nyi vypusk 37) [Journal of Abstracts: Technology and Equipment of the Woodpulp, Paper, and Printing Industry (Separate Issue 37)]	Sov. geol. (12c)	Sovetskaya geologiya [Soviet Geology]
: Tekhnologiya mashinostroyeniya	Referativnyi zhurnal: Tekhnologiya mashinostroyeniya [Journal of Abstracts: Technology of Machinery Manufacture]	Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
: Teploenergetika	Referativnyi zhurnal: Teploenergetika [Journal of Abstracts: Heat Engineering]	Sov. iust. (7)	Sovetskaya iustitsiya [Soviet Justice]
: Traktory i sel'skokhozhaystvennyye mashiny i orudiya	Referativnyi zhurnal: Traktory i sel'skokhozhaystvennyye mashiny i orudiya (Otdel'nyi vypusk 44) [Journal of Abstracts: Tractors and Agricultural Machinery and Equipment (Separate Issue 44)]	Sov. med. (14a)	Sovetskaya meditsina [Soviet Medicine]
: Turbinostroyeniye	Referativnyi zhurnal: Turbinostroyeniye (Otdel'nyi vypusk 49) [Journal of Abstracts: Turbine Manufacture (Separate Issue 49)]	Sov. muz. (9b)	Sovetskaya muzyka [Soviet Music]
: Vozdushnyi transport	Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts: Air Transportation]	Sov. pech. (11b)	Sovetskaya pechat' [Soviet Press]
: Akademiya nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabludeniya sovetskikh issledovaniykh spatsnikov Zemli	Referativnyi zhurnal: Akademiya nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabludeniya sovetskikh issledovaniykh spatsnikov Zemli [Academy of Sciences of the U. S. S. R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites]	Sov. pedagog. (8a)	Sovetskaya pedagogika [Soviet Pedagogy]
		Sov. potrebn. koop. (5a)	Sovetskaya potrebnitel'skaya kooperatsiya [Soviet Consumer Cooperation]
		Sov. profsoyuzy (5d)	Sovetskie profsoyuzy [Soviet Trade Unions]
		Sov. radio i tel. (8a)	Sovetskoe radio i televideniye [Soviet Radio and Television]
		Sov. shakht. (16h)	Sovetskie shakhty [Soviet Mines]
		Sov. slav. (4a)	Sovetskoe slavyanovedeniye [Soviet Slavic Studies]
		Sov. torg. (5a)	Sovetskaya torgovlya [Soviet Commerce]
		Sov. voia (17a)	Sovetskie voia [Soviet Soldier]
		Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovaniye [Secondary Specialized Education]
		Stal' (16h)	Stal' [Steel]

Trudy TSNII- Promzdaniit (10d)	† Moscow. Tsentral'nyi nauchno-issledovatel'skii i proektno-konstruktivnyi institut promyshlennyykh zdanii i sooruzhenii. Trudy [Central Scientific Research, Design, and Experimental Institute of Industrial Buildings and Structures. Transactions]	Uch. zap. Tamb gos. ped. inst. (1a)	† Tambov. Gosudarstvennyi pedagogicheskiy institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy Tbil. inst. lesa (15c)	Tbilis. Institut lesa. Trudy [Forestry Institute. Transactions]	Uch. zap. Turk gos. un. (1a)	Ashkhabad. Turkmenskii gosudarstvennyi universitet. Uchenye zapiski [Turkmenistan State University. Studies]
Trudy Un. druzh. nar. Nauch. geom. (13c)	† Moscow. Universitet druzhby narodov. Trudy. Nachertatel'- naya geometriya [University of the Friendship of Peoples. Transactions. Descriptive Geometry]	Ugol' (16h)	Ugol' [Coal]
Trudy Ural. elektromekh. inst. inzh. zhet. dor. transp. (16e)	Sverdlovsk. Ural'skii elektromekhanicheskii institut Inzhenerov zheleznodorozhnogo transporta. Trudy [Ural Electromechanical Institute of Engineers of Rail- road Transportation. Transactions]	Ugol' Ukr (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Trudy VISKHOMA (16g)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut sel'skokhozyaistvennogo mashinostroyeniya. Trudy [All- Union Scientific Research Institute of Agricultural Ma- chinery Manufacture. Transactions]	Ukr. biokhim. zhur. (13c)	Ukrains'kii biokhimicheskii zhurnal [Ukrainian Biochemical Journal]
Trudy VNIGRI (16h)	Leningrad. Vsesoyuznyi neflanol nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum Scientific Research] Geological Prospecting Institute. Transactions]	Ukr. bot. zhur. (13c)	Ukrains'kii botanicheskii zhurnal [Ukrainian Botanical Journal]
Trudy VNIIRKaneftgaz (16h)	† Moscow. Vsesoyuznyi nauchno-issledovatel'skii i proektno-konstruktivskii institut kompleksnoi avtomatiza- tsii v neflanol i gazovoi promyshlennosti. Trudy [All- Union Scientific Research and Design Institute of Overall Automation in the Petroleum and Gas Industry. Transac- tions]	Ukr. fiz. zhur. (13f)	Ukrains'kii fizicheskii zhurnal [Ukrainian Physics Journal]
Trudy VNIIRT (16e)	† Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut magnitnoi zapiski i tekhnologii radioveshchaniya i televizenta. Trudy [All-Union Scientific Research Institute of Magnetic Recording and Radiobroadcasting and Television Engineering. Transactions]	Ukr. ist. zhur. (14a)	Ukrains'kii istoricheskii zhurnal [Ukrainian Historical Journal]
Trudy VNIPP (16g)	† Moscow. Vsesoyuznyi nauchno-issledovatel'skii konstruk- torsko-tekhnologicheskii institut podshipnikovoi promysh- lennosti. Trudy [All-Union Scientific Research Design and Technological Institute of the Bearings Industry. Trans- actions]	Ukr. khim. zhur. (13d)	Ukrains'kii khimicheskii zhurnal [Ukrainian Chemical Journal]
Trudy VZEI (16e)	Moscow. Vsesoyuznyi nauchnyi energeticheskii institut. Trudy [All-Union Correspondence Institute of Power Engineering. Transactions]	Usp. fiz. nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
Trudy Vych. tsentra AN Azerb. SSR (13e)	Akademiiya nauk Azerbaidzhanskoi SSR, Baku. Vychislitel'nyi tsentr. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Computation Center. Transactions]	Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Trudy Vych. tsentra AN Gruz. SSR (13e)	Akademiiya nauk Gruzinskoi SSR, Tbilis. Vychislitel'nyi tsentr. Trudy [Academy of Sciences of the Georgian S.S.R. Computation Center. Transactions]	Usp. mat. nauk (13a)	Uspekhi matematicheskikh nauk [Progress in the Mathe- matical Sciences]
TSitologiya (13c)	TSitologiya [Cytology]	Uzb. geol. zhur. (12c)	Uzbezkii geologicheskii zhurnal [Uzbek Geological Journal]
TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]	Vod. Verkh. Sov. RSFSR (7)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Uch. zap. API Iaz. Ser. filol. (11a)	† Baku. Azerbaidzhanskii gosudarstvennyi pedagogicheskiy institut Iazykov. Uchenye zapiski. Seriya filologicheskaya [Azerbaijan State Pedagogical Institute of Lan- guages. Studies. Philological Series]	Vod. Verkh. Sov. SSSR (7)	Russia (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Uch. zap. Astr. gos. ped. inst. (1a)	Astrakhan. Gosudarstvennyi pedagogicheskiy institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Vest. AMN SSSR (14a)	Akademiiya meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U. S. S. R. Journal]
Uch. zap. BGU (Ufa). Ser. geog. (12b)	† Ufa. Bashkirskii gosudarstvennyi universitet. Uchenye zapiski. Seriya geograficheskaya [Bashkir State Univer- sity. Studies. Geographical Series]	Vest. AN Kazakh. SSR (1a)	Akademiiya nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S. S. R. Journal]
Uch. zap. kaf. mat. -len. filos. (3a)	† Uchenye zapiski kafedry marksistско-leninskoi filosofii vys- shei partilnoi shkoly pri TsK KPSS i mestnykh vysshikh partilnykh shkoly [Studies by the Departments of Marxist- Leninist Philosophy of the Higher Party School, Attached to the Central Committee of the CPSU, and Local Higher Party Schools]	Vest. AN SSSR (1a)	Akademiiya nauk SSSR. Vestnik [Academy of Sciences of the U. S. S. R. Journal]
Uch. zap. Kaf. mat. Tium. gos. ped. inst. (13e)	Tyumen'. Gosudarstvennyi pedagogicheskiy institut. Kafedra matematiki. Uchenye zapiski [State Pedagogical Institute. Department of Mathematics. Studies]	Vest. derm. i ven. (14i)	Vestnik dermatologii i venerologii [Review of Dermatology and Venereology]
Uch. zap. Kaf. gos. ped. inst. (1a)	† Kainin. Pedagogicheskiy institut. Uchenye zapiski [Peda- gogical Institute. Studies]	Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Uch. zap. MGPI (1a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskiy insti- tut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]	Vest. mashino- str. (16g)	Vestnik mashinostroyeniya [Machinery Manufacture Review]
Uch. zap. MOPI (1a)	Moscow. Moskovskii oblastnoi pedagogicheskiy institut. Uchenye zapiski [Moscow Province Pedagogical Institute. Studies]	Vest. Mosk. un. Ser. I Mat. mekh. (13c)	Moscow. Universitet. Vestnik. Seriya I: Matematika, me- khanika [University. Review. Series I. Mathematics, Mechanics]
Uch. zap. NIIGA. Ser. "Paleont. i biost." (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Uchenye zapiski. Seriya "Paleontologiya i biostroigra- fiya" [Scientific Research Institute of the Geology of the Arctic. Studies. Series "Paleontology and Biostroigra- phy"]	Vest. Mosk. un. Ser. 4: Geol. (12c)	Moscow. Universitet. Vestnik. Seriya 4: Geologiya [University. Review. Series 4: Geology]
Uch. zap. Osh. gos. ped. inst. (1a)	Osh. Gosudarstvennyi pedagogicheskiy institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Vest. Mosk. un. Ser. 7: Filol., zhur. (11b)	Moscow. Universitet. Vestnik. Seriya 7: Filologiya, zhurnalistika [University. Review. Series 7: Philology, Journalism]
		Vest. protivovozd. obor. (17a)	Vestnik protivovozdukhnoi oborony [Air Defense Review]
		Vest. sel'khoz. nauki (15a)	Vestnik sel'skokhozyaistvennoi nauki [Review of Agri- cultural Science]
		Vest. sel'khoz. nauki [Kazakh] (15a)	Vestnik sel'skokhozyaistvennoi nauki [Review of Agri- cultural Science]. Kazakhstan.
		Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
		Vest. TSNII MPS (16g)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
		Vest. vys. shkoly (6a)	Vestnik vysshei shkoly [Review of Schools for Higher Educa- tion]
		Vestsi AN BSSR. Ser. fiz. -mat. nav. (13f)	Akademiiya nauk BSSR, Minsk. Vestsi. Seriya fizika-ma- tematicheskikh nauk [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Physicomathe- matical Sciences]
		Vestsi AN BSSR. Ser. hram. nav. (1a)	Akademiiya nauk BSSR, Minsk. Seriya hramatskikh nauk [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Social Sciences]
		Veterinaria (15b)	Veterinaria [Veterinary Medicine]
		Vnesh. torg. (6a)	Vneshnaya torgovlya [Foreign Trade]
		Voen. -ist. zhur. (4a)	Voenno-istoricheskiy zhurnal [Military History Journal]

Voen.-med zhur. (14a)	Voenno-meditsinskiy zhurnal [Journal of Military Medicine]	Zap. Vses. min. ob-va (12c)	Vsesoyuznoe mineralogicheskoe obshchestvo, Zapiski [All Union Mineralogical Society. Annals]
Vop. arkh. (4a)	Voprosy arkhivovedeniya [Problems of Archives]	Zashch. met (10h)	Zashchita metallov [Metals' Protection]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]	Zh. nauk, prats' asp. z filol. Kyiv. un. (11a)	Kiev. Universitet. Zhurny naukovykh prats' aspirantiv z filologii [University. Graduate Student Papers on Philology]
Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]	Zem i vse (13b)	Zemlia i vselessnaia [Earth and the Universe]
Vop. ist. (4a)	Voprosy istorii [Problems of History]	Zemledelie (15d)	Zemledelie [Agriculture]
Vop. ist. KP Kazakh (6)	Voprosy istorii Kompartii Kazakhstana [Problems in the History of the Communist Party of Kazakhstan]	Zh. strol. (10d)	Zhiliishchnoe stroitel'stvo [Housing Construction]
Vop. mat. ekspl. vych. mash. (13e)	Akademii nauk SSSR. Komissiya po ekspluatatsii vychislitel'nykh mashin. Voprosy matematicheskoi ekspluatatsii vychislitel'nykh mashin [Academy of Sciences of the U.S.S.R. Committee on the Use of Computers, Problems of the Mathematical Use of Computers]	Zhur. anal. khim (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chemistry]	Zhur. fiz. khim (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
Vop. onk. (14c)	Voprosy onkologii [Problems of Oncology]	Zhur. Mosk. Patr (3b)	Orthodox Eastern Church, Russian Patriarch Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Vred i poiez. fauna bespozvochnykh Moldavii (13c)	Vrednaya i poieznaia fauna bespozvochnykh Moldavii [Injurious and Beneficial Fauna of the Invertebrates of Moldavia]	Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Vsem. prof. dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]	Zhur. nevr. i psikh. (14c)	Zhurnal nevropatologii i psikhatrii [Journal of Neuropathology and Psychiatry]
Vych. sist. (13e)	Vychislitel'nye sistemy [Computer Systems]	Zhur. ob. khim (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Vysokom. soed. (13d)	Vysokomolekulyarnyye soedineniya [Macromolecular Compounds]	Zhur. org. khim. (13d)	Zhurnal organicheskoi khimii [Journal of Organic Chemistry]
Zakup. sel'khoz. prod. (5a)	Zakupki sel'skokhozyaystvennykh produktov [Purchases of Agricultural Products]	Zhur. prikl. khim (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Zam. po sist. i geog. rast. (13c)	Akademii nauk Gruzinskoi SSR, Tiflis. Botanicheskii institut. Zametki po sistematike i geografii rastenii [Academy of Sciences of the Georgian S.S.R. Botanical Institute. Notes on the Classification and Geography of Plants]	Zhur. tekhn. fiz (10a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Zap. LGI (10h)	Leningrad. Gornyi institut. Zapiski [Institute of Mining. Records]	Zhur. vych. mat. i mat. fiz (13e)	Zhurnal vychislitel'noi matematiki i matematicheskoi fiziki [Journal of Computer Mathematics and Mathematical Physics]
Zap. Primor. fil. Geog. - ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR, Primorskii filial, Zapiski [Geographical Society of the U.S.S.R., Maritime Branch, Annals]	Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

ACTH

Physiological function in cancer patients and its significance before and after surgery. B. A. Agayev. *Izv. AN Azerb. SSR Ser. Biol. nauk* no. 3, 131-138 '65.

Effect of ACTH and glucocorticoids on the iron content of serum. I. M. Mendelev, G. V. Ioffe. *Sborn. nauch. rab. vrachei Kar. ASSR* no. 4, 62-67 '62.

ACTH—SIDE EFFECTS

Acute "steroid diabetes" in patients treated with glucocorticoids. Z. V. Volkova, S. A. Mamin. *Khirurgiya* 42 no. 3, 59-61 Mr '66.

ABAKAN VALLEY—IRRIGATION CANALS AND FLUMES

Remnants of an ancient irrigation system in the Abakan Valley. V. P. Levashova. *Mat. i issl. po arkheol. SSSR* no. 130, 242-244 '65.

ABDOMEN—RADIOGRAPHY

Evident activity of the abdominal cavity in experimental colicography with positive contrast media. N. P. Ushkov. *Fiziol. i tekhn.* 29 no. 1, 79-83 Ja-F '66.

ABDOMEN—SURGERY

(see also subdivision under Vostok Station, Antarctica)

Restorability of repeated conditions laparotomies following a stomach resection for cancer. V. I. Samokhvalov. *Vop. onk.* 12 no. 3, 75-78 '66.

Results of treatment of closed abdominal traumas. M. P. Serdyuk, R. S. Popovlants, O. G. Bortnikov. *Khirurgiya* 42 no. 3, 84-89 Mr '66.

Table as a cause of the development of a postoperative adhesive process in the abdominal cavity. V. P. Rol. *Khirurgiya* 42 no. 3, 107-110 Mr '66.

ABDOMEN—WOUNDS AND INJURIES

Results of treatment of closed abdominal traumas. M. P. Serdyuk, R. S. Popovlants, O. G. Bortnikov. *Khirurgiya* 42 no. 3, 84-89 Mr '66.

ABELIAN GROUPS

Manifolds with a free Abelian fundamental group and their applications. S. P. Novikov. *Izv. AN SSSR, Ser. mat.* 30 no. 1, 207-246 '66.

Number of subgroups of a finite Abelian group. P. E. Dlabak. *Trudy VZEI* no. 28, 5-18 '65.

ABKHAZIA—FUNGI, PHYTOPATHOGENIC

Dzhalaqonia, K. T. [Phytopathogenic fungi of the main subtropical ornamental plants of Abkhazia] *Parazitnye gryby glavnykh subtropicheskikh dekorativnykh rastenii Abkhazii*. Tbilisi, Metsnereba, 1965, 71 p.

ABKHAZIA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Middle Eocene sediments in central Abkhazia. N. Sh. Salukvadze. *Soob. AN Gruz. SSR* 11 no. 1, 103-107 Ja '66.

ABKHAZIA—LEPIDOPTERA

Lepidopterans of Abkhazia. E. S. Miljanovskii. *Trudy Sukh. opyt. sta. effrozmasi, kul'i.* no. 6, 91-100 '64.

ABKHAZIA—LONGEVITY

Health characteristics of senile and long-lived persons in the Abkhaz A.S.S.R. G. N. Stukhova, N. N. Sachuk, Sh. D. Gogokhina. *Sov. med.* 27 no. 6, 131-135 Ny '64.

ABKHAZIA—MERCURY

Hydrochemistry of mercury as revealed by a study of the mercury deposits in Abkhazia. E. Z. Zaitashvili. *Geokhimiya* no. 3, 357-362 Mr '66.

ABKHAZIA—PLANTS, ORNAMENTAL

Dzhalaqonia, K. T. [Phytopathogenic fungi of the main subtropical ornamental plants of Abkhazia] *Parazitnye gryby glavnykh subtropicheskikh dekorativnykh rastenii Abkhazii*. Tbilisi, Metsnereba, 1965, 71 p.

ABKHAZIA—TEA INDUSTRY—STATISTICS

Production of tea in Abkhazia. T. Kvakveskiri, I. Tsur-tsumilia. *Vest. stat.* no. 3, 85-87 '66.

ABKHAZIANS

Inal-ipa, Sh. D. [Abkhazians; historical and ethnographic studies] *Abkhazy, istoriko-etnograficheskie ocherki* 2 peier 1 dop. izd. [Sukhumi] Atadara, 1965, 693 p.

ABNORMALITIES (ANIMALS)

Deformity cases in fishes of Gorky Reservoir. F. V. Losnikova. *Izv. GosNIORKH* 59, 136-142 '65.

ABOMASUM—SECRETIONS

Effect of acidophilic yeast sillage from corn on the abomasal secretion in calves. V. D. Mitonova. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 1 no. 1, 67-70 Ja-F '66.

ABOMASUM—SURGERY

New approach to the formation of an isolated pouch of the abomasum. P. I. Zherebtsov, V. F. Vysokun, V. F. Bobylev. *Veterinariya* 12 no. 1, 63-65 Ja '66.

ABORTION

Differential diagnosis of pregnancy terminated at an early date. F. I. Mkhoev. *Azerb. med. zhur.* 41 no. 12, 10-43 D '64.

ABRAMOV, KONSTANTIN GEORGIEVICH, 1862-1961

Konstantin Georgievich Abramov, an obituary. A. I. Kuznetsov, V. P. Vitoni, N. A. Novikova. *Zap. Pribor. fil. Geog. ob-va SSSR* no. 1, 174-179 '65.

ABRAMOVICH, MIKHAIL VLADIMIROVICH, 1894-1965

M. V. Abramovich, obituary. *Izv. AN Azerb. SSR, Ser. geol. geog. nauk* no. 5, 155-156 '65.

ABRASION

Mechanism underlying the destruction of a steel surface by a freely striking abrasive grain. V. N. Kashcheev. *Izv. vye. ucheb. zav., fiz.* 9 no. 1, 93-104 '66.

ABSORBENTS

Study of the antigenic properties of the protein-cellulose immunosorbent. A. M. Obvnikov, A. E. Gurvich. *Vop. med. khim.* 12 no. 1, 112-114 Ja-F '66.

Synthesis of new immunosorbents on the basis of cellulose ether and 1-hydroxyethylsulfonate-2-aminoaniline. O. B. Kuzovleva and others. *Vop. med. khim.* 12 no. 1, 105-107 Ja-F '66.

ABSORPTION (PHYSIOLOGY)

Effect of diluents on the resorption of colloid Au¹⁹⁸ into the lymphatic system. V. V. Sedov, S. V. Seiyt, N. F. Tarasov. *Med. rad.* 11 no. 2, 33-37 F '66.

Interrelationship between the level of vital dye sorption by skeletal muscles and the activity of tectonic and tonic neuromuscular apparatus. V. V. Mikhailov, D. L. Teplyi. *Tsitologia* 8 no. 1, 38-45 Ja-F '66.

Mechanism of the joint absorption of glucose, glycine, and sodium chloride in the small intestine in dogs. R. O. Fritzel'berg, Z. M. Alekseeva. *Fiziol. zhur.* 52 no. 1, 91-98 Ja '66.

Methodology of simultaneous forming of an isolated portion from both dorsal and ventral pouches of the rumen. P. I. Zherebtsov, V. F. Brakin, S. D. Polshchuk. *Fiziol. zhur.* 52 no. 1, 108-110 Ja '66.

Some regularities of the glucose absorption from the small intestine. N. Sh. Amirov. *Dokl. eksp. biol. i med.* 81 no. 1, 28-32 Ja '66.

ABSORPTION SPECTRA

Compounds with two electron-donor systems. Part 8: Color phenomena in the derivatives of N-(phenylglycyl)-O-(4-nitrobenzoyl)-L-2-aminoanthracene. E. A. Smirnov, A. V. Mal'gina. *Zhur. org. khim.* 2 no. 3, 456-459 Mr '66.

ABSTRACT ALGEBRA see Algebra, Abstract

ACADEMIC DECORATIONS OF HONOR see Decorations of honor, Academic

ACADEMIC DISSERTATIONS see Dissertations, Academic

ACADEMY OF SCIENCES OF THE KAZAKH S.S.R.

Basic results of the scientific activities of the Academy of Sciences of the Kazakh S.S.R. during the period 1959-1965 and its immediate tasks. Sh. Ch. Chokpaev. *Vest. AN Kazakh. SSR* 22 no. 3, 3-24 Mr '66.

Principal results of research completed by the Academy of Sciences of the Kazakh S.S.R. in 1965 and its tasks in the field of specialist training. N. D. Dzhandal'din. *Vest. AN Kazakh. SSR* 22 no. 3, 25-35 Mr '66.

Resolution of the General Assembly of the Academy of Sciences of the Kazakh S.S.R. on the scientific activities of the Academy during the period 1959-1965. *Vest. AN Kazakh. SSR* 22 no. 3, 36-37 Mr '66.

Session of the General Assembly of the Academy of Sciences of the Kazakh S.S.R. *Vest. AN Kazakh. SSR* 22 no. 3, 53-54 Mr '66.

ACADEMY OF SCIENCES OF THE U.S.S.R.

Resolution of the general meeting. *Vest. AN SSSR* 36 no. 2, 92-94 F '66.

Session of the Department of General and Applied Physics of the Academy of Sciences of the U.S.S.R. V. F. Semenov. *Atom. energ.* 20 no. 2, 172-171 F '66.

ACANTHOPHYLLUM see subdivision under Alma-Ata

ACARIANS AS CARRIERS OF DISEASE

Group infections of hemorrhagic fever with a kidney syndrome. A. A. Dingush. *Trudy Kish. gos. med. inst.* 14, 319-320 '61.

Hemorrhagic fever in Lazo District, Moldavian S.S.R. R. I. Guberman. *Trudy Kish. gos. med. inst.* 14, 313-318 '61.

ACARICIDES see Insecticides

ACCELERATION (MECHANICS)

Instantaneous acceleration center of a free solid body. L. N. Borisenko, G. M. Taranova. *Samoletostroitel' tekhn. vopr. i tekhn.* no. 3, 14-19 '65.

ACCOMPLICES

Liability for receiving not volunteered before the fact. G. I. Daimurzin. *Sov. gos. i pravo* 36 no. 3, 120-123 Mr '66.

Qualifying criteria shall be more precise. P. Tel'nov. *Sov. iust.* 30 no. 7, 9-10 Ap '66.

ACCOUNTING

Gofman, G. A., and S. M. Kapellush. [Studies on the development of accounting forms] *Ocherki razvitiya form bukhgalterskogo ucheta*. Pod red. S. K. Tatarova. Moskva, Finansy, 1966, 121 p.

Organization of accounting under the new conditions. *Bukhg. uchot.* no. 2, 61-66 F '66.

Parashutin, N. V., and S. I. Solovnev, eds. [Accounting in industrial enterprises] *Bukhgalterskii uchot na promyshlennykh predpriyatiyakh*. 3., poser. izd. Moskva, Statistika, 1966, 430 p.

Readers discuss, suggest, and criticize. *Bukhg. uchot* no. 2, 56-60 F '66.

Valuation of materials in a current accounting. I. Basmakov, V. Zhukov. *Bukhg. uchot.* no. 2, 41-46 F '66.

ACCOUNTING—AUDIO-VISUAL AIDS

Gringarten, L. M. [Album of visual aids on accounting in industry and construction] *Al'bom naглядnykh posobie po bukhgalterskomu uchetu v promyshlennosti i stroitel'stvo*. Moskva, Finansy, 1966, 151 p.

ACCOUNTING—CONGRESSES

Methodological conference. *Bukhg. uchot.* no. 2, 67-68 F '66.

ACETAMIDE

Electron donor atom in organic complexes of urea and acetamide. N. Z. Rudenko, Z. K. Dzhelomanova. *Zhur. ob. khim.* 36 no. 2, 232-236 F '66.

Organic insectofungicides. Part 89: Reaction of triethyl phosphite with monochloroacetamides. V. I. Lomakina, I. A. Mandel'baum, N. N. Mel'nikov. *Zhur. ob. khim.* 36 no. 3, 447-449 Mr '66.

ACETAMIDE (Continued)

Physicochemical analysis of the ternary system furfural - acetamide - acetic acid. I. M. Bokhovkin, I. I. Bokhovkina, E. O. Vitman. Zhur. ob. khim. 36 no. 3 376-378 Mr '66.

Physicochemical analysis of the ternary system furfural - acetamide - monochloroacetic acid. I. M. Bokhovkin, I. I. Bokhovkina, E. O. Vitman. Zhur. ob. khim. 36 no. 3 379-382 Mr '66.

Physicochemical study of the systems of acetamide with succinic and adipic acids. I. M. Bokhovkin, E. O. Vitman. Zhur. ob. khim. 36 no. 3 373-376 Mr '66.

Preparation of acetamide and acetamide by liquid-phase oxidative ammonolysis of n-butane under pressure. G. E. Zaikov, M. G. Bulygin. Neftokhimiya 5 no. 1 54-54 JI-Ag '65.

ACETAMIDE—SIDE EFFECTS

Clinical aspects of the side effects of synomycin on the mind. E. I. Terent'ev. Zhur. nov. i psikh. 66 no. 3 158-162 '66.

ACETANILIDE

Reaction of ketene with nitrogen-containing bases. Part 2. Effect of the benzene ring substituents on the electroreduction of 2-chloroacetanilides. I. U. V. Svetkin, L. N. Andriceva. Zhur. ob. khim. 36 no. 3 421-423 Mr '66.

ACETARSONE

Iodochloromethyl method for quantitative determination of arsenic in a pure preparation and in tablets. P. P. Suprun. Farmatsev. zhur. 18 no. 6 11-11 '63.

ACETATES

Effect of chronic administration of excess nicotinic acid on the incorporation of radioactive acetate into cholesteryl and on the tissue microstructure. S. I. Shushevych, M. P. Kuz'mynskiy. Ukr. biokhim. zhur. 38 no. 1 33-38 '66.

ACETIC ACID

Complex formation of neodymium III with ethylenediaminetetraacetic acid in aqueous solution. I. U. P. Galaktionov, K. V. Astakhov, N. M. Zhirmov. Zhur. neorg. khim. 10 no. 10 2386-2388 O '65.

Effect of ethylenediaminetetraacetate on the accumulation coefficients of various radioisotopes from the water solution by freshwater hydrobionts. E. A. Timofeeva-Rasovskaya, A. B. Getsova, N. V. Timofeev-Rasovskiy. Trudy Inst. biol. UNFAN SSSR no. 45 47-61 '65.

Effect of halophenoxy acids on the Hill reaction. D. I. Chikanikov, D. T. Gentsukh, V. I. Kostina. Khim. v sel'khoz. 4 no. 3 59-62 Mi '66.

Interaction of ethylenediaminetetraacetic acid with di- and triatomic phenols and potassium thiocyanate. V. V. Lukachina. Ukr. khim. zhur. 32 no. 2 131-135 '66.

Ion exchange in solutions of acetic and formic acids. M. K. Nikitin, E. Ostiy-Narbut, S. B. Tomilov. Vest. LGU 21 no. 4 149-151 '66.

Physicochemical analysis of the ternary system furfural - acetamide - acetic acid. I. M. Bokhovkin, I. I. Bokhovkina, E. O. Vitman. Zhur. ob. khim. 36 no. 3 376-378 Mr '66.

Physicochemical analysis of the ternary system furfural - acetamide - monochloroacetic acid. I. M. Bokhovkin, I. I. Bokhovkina, E. O. Vitman. Zhur. ob. khim. 36 no. 3 379-382 Mr '66.

Physicochemical study of the ternary system furfural - acetic acid - monochloroacetic acid. I. M. Bokhovkin, I. I. Bokhovkina, E. O. Vitman. Zhur. ob. khim. 36 no. 3 379-382 Mr '66.

Preparation of difluoroacetate acid. A. V. Fokin, A. T. Uzun, I. U. M. Kosyrev. Zhur. ob. khim. 36 no. 3 540-543 Mr '66.

Role of adsorption in the electrochemical reduction of bromoacetic and α -bromobutylic acid esters on mercury. A. B. Ershler and others. Elektrokhemiya 2 no. 3 319-320 Mr '66.

Study of sterile solutions of esters, derivatives of diphenylacetic acid. I. R. Unidets', A. R. Zhestkova. Farmatsev. zhur. 20 no. 6 8-10 '65.

Synthesis of hexamethylene-bis-iminoacetic acid for the production of polyamides used in the manufacture of artificial leather. Report No. 2. N. V. Korot'kov, S. A. Pavlov. Izv. vuz. ucheb. zav. i tekhn. leg. prom. no. 1 33-36 '66.

Synthesis of 1-arylbuten-2-ylacetoacetic esters. M. M. Lukhomenko, N. L. Garmshchak, A. V. Dombrovskiy. Ukr. khim. zhur. 32 no. 1 61-63 '66.

Transformation of iminodifluoroacetic acid ester in the presence of diphenyl boron chloride. E. L. Zaitseva. Zhur. ob. khim. 36 no. 2 327-328 F '66.

ACETIC ACID—PHYSIOLOGICAL EFFECT

Anesthetizing effect of some esters of diphenylacetic acid and its derivatives. S. S. Liberman. Faun. i toks. 27 no. 6 675-680 N-D '64.

ACETOACETIC ACID

Dual reactivity of sodium acetoacetic ester and sodium acetylacetonate during alkylation by alkyl halides. S. T. Ioffe and others. Zhur. org. khim. 2 no. 3 381-385 Mr '66.

Iodolium derivatives of 1-diketones. Part 9: Reaction of phenyliodosulfonate with acetylacetic acid esters. O. Neldan, B. Karel. Zhur. org. khim. 2 no. 3 486-492 Mr '66.

Synthesis and pyrolysis of acetoacetates and acetylacetonates of secondary unsaturated alcohols of the Δ^2 -cyclohexene series. G. P. Kugatova-Shermatkina, D. A. Kazianova. Izv. AN SSSR Ser. khim. no. 2 293-302 '66.

ACETONE

Condensation with acetone of some alkoxy- and diene aldehydes of the cycloaliphatic series. G. P. Kugatova-Shermatkina, R. A. Poskone. Zhur. org. khim. 2 no. 3 447-452 Mr '66.

Intermolecular reaction of nitrobenzene with acetone. A. A. Delch. Zhur. ob. khim. 36 no. 3 387-393 Mr '66.

Rapid method for the determination of acetone in the exhaled air in patients with diabetes mellitus. I. U. B. Nikitshchik. Lab. deto. no. 3 157-159 '66.

ACETONE, EFFECT OF RADIATION ON

Phototransformations of radicals in γ -irradiated frozen acetone. G. V. Pakhal'skaya, A. G. Kotov, S. I. A. Pehetshchik. Zhur. fiz. khim. 40 no. 3 714-718 Mr '66.

ACETONEMIA

Conversion of sulfates and phenols in the blood of highly productive cows with metabolic disorders (alimentary toxicosis). D. P. Cherkasov. Trudy Mosk. vel. akad. 22 no. 2 112-119 '58.

ACETONITRILE

1,3-Bipolar addition to unsaturated compounds. Part 14: Addition of acetonitrile N-oxide to some enyne compounds. L. K. Vagina, V. N. Chistokotov, A. A. Petrov. Zhur. org. khim. 2 no. 3 417-423 Mi '66.

Polarographic study of the distribution coefficients of acetonitrile in the systems water - isopropyl and water - butyl. A. I. Tulin, T. A. Cherenukhina, T. V. Mikhailova. Zhur. prikl. khim. 39 no. 2 463-464 F '66.

Preparation of acetonitrile and acetamide by liquid-phase oxidative ammonolysis of n-butane under pressure. G. E. Zaikov, M. G. Bulygin. Neftokhimiya 5 no. 1 54-54 JI-Ag '65.

Thioformation of acetonitrile. B. M. Mikhailov, V. A. Dorokhov, I. P. Iakovlev. Izv. AN SSSR Ser. khim. no. 2 332-331 '66.

ACETYLENE

Production of acetylene by the thermal oxidative pyrolysis of natural gas diluted with hydrogen under increased pressure. D. P. Alekhov, I. A. S. Kazanovskiy. Khim. prom. 41 no. 11 601-605 N '65.

ACETYLENE COMPOUNDS

Acylation of phenol by isopropylacetylene. V. D. Rihov, A. K. Sopkina, V. S. Vozova. Neftokhimiya 5 no. 3 335-339 My-Je '65.

Chemistry of keto acid esters of the acetylene series. Part 4: Addition of substituted aromatic primary amines to phenylethylnylglyoxalic acid esters. I. I. Lapkin, I. U. S. Andreichikov. Zhur. org. khim. 2 no. 3 388-390 Mr '66.

Dioxides of the acetylenic series. Part 5. F. I. A. Perceev, V. I. Stalovich, L. P. Gavriluchanova. Zhur. org. khim. 2 no. 3 397-401 Mr '66.

Hydrogenation of some acetylenic amino alcohols. I. N. Azerbaev, R. S. Eskazina, I. V. Kirilov. Izv. AN Kazakh. SSR Ser. khim. nauk 11 no. 4 74-80 O-D '64.

Synthesis and properties of bis-ethynyl and bis-propargyl compounds of silicon, germanium, and tin. A. M. Stachkov, L. K. Lunova. Zhur. ob. khim. 36 no. 3 553-556 Mr '66.

Synthesis and transformations of unsaturated organosilicon compounds. Part 27: Synthesis of branched organosilicon diacetylenic alcohols. I. A. Shikhov, S. A. Rzaeva, B. M. Guseinova. Zhur. ob. khim. 36 no. 2 332-334 F '66.

Transformations of pinacenes with substituted acetylene radicals. Part 24: Synthesis and transformations of 2,6,6-trimethyl-3-p-tolyl-4-heptyne-2,3-diol. V. I. Serkova, L. A. Pavlova, E. D. Venus-Danilova. Zhur. ob. khim. 36 no. 2 206-210 F '66.

ACIDS

Analysis of settled wood tars and extraction from them of high-molecular acids. T. I. Fedorishchev, R. P. Ruzakova. Gidroliz. i osokhim. prom. 19 no. 2 16-17 '66.

Causes of the contamination of recovered acid and methods of its purification. M. M. Sorkin and others. Koks. i khim. no. 2 37-40 '66.

Differentiating action of esters on the strength of acids. L. P. Iyeva, V. I. Dulova, N. R. Melchanchova. Izv. vuz. ucheb. zav. i khim. i khim. tekhn. 8 no. 6 689-692 '65.

Extraction of complex acids with oxygen-containing solvents. Part 8: Extraction of tetravalent tellurium. R. Z. Iofa, Van Van'-sin (Wang Wen-hsing), M. R. Idvan. Radiokhimiya 8 no. 1 14-20 '66.

Radiochemistry of carbohydrates. Part 5: Formation of acid products in the radiolysis of aqueous solutions of lactose, cellobiose, and maltose. L. I. Kudrashov and others. Zhur. ob. khim. 36 no. 2 229-232 F '66.

ACIDS—EFFECT ON PLANTS see Plants, Effect of acids on

ACIDS, FATTY

Dipole moments and structure of carboxylic acid ethanol amides. I. A. Kozlov and others. Zhur. ob. khim. 36 no. 2 194-194 F '66.

Fatty acid composition of phospholipids from cottonseed oil. N. I. Iskhakov, A. S. Sadykov, A. I. Ismailov. Khim. prirod. soed. no. 3 199-201 '65.

Formation and fermentation of volatile fatty acids in thermophilic methane fermentation of alcoholic molasses waste. Z. A. Samina. Prikl. biokhim. i mikrobiol. 2 no. 1 71-82 Ja-I '66.

Free radical addition of aliphatic acids to unsaturated ethers and silicon hydrocarbons. G. I. Nikishin, I. U. N. Ogilina. Izv. AN SSSR Ser. khim. no. 2 372-374 '66.

Polyunsaturated acids in cow butterfat. V. P. Aristova. Vest. sel'khoz. nauk 10 no. 6 79-84 Je '65.

Potentiometric determination of soluble fatty acids in microbiological oxidation of hydrocarbons. T. S. B. Korchemnina, V. M. Bulikov, A. V. Fedoseeva. Prikl. biokhim. i mikrobiol. 2 no. 2 213-215 Mr-Apr '66.

Reactions of α -chlorinated esters in the presence of zinc. Part 3: New method of synthesizing esters of β -alkoxy derivatives of aliphatic acids. I. I. Lapkin, Z. D. Akceeva. Zhur. org. khim. 2 no. 3 393-395 Mi '66.

Separation of a mixture of C_4 - C_8 mono- and dicarboxylic fatty acids by gas chromatography. D. N. Sokolov, V. K. Kozlenko. Neftokhimiya 5 no. 4 609-612 JI-Ag '65.

Soluble catalyst regeneration in the production of synthetic fatty acids. I. E. Rusinov, V. I. Babayev, A. F. Piskopchuk. Neftep. i neftokhim. no. 3 36-39 '66.

Studying the lubricative properties of higher fatty acids. A. A. Kut'kov. Khim. i tekhn. topl. i masel. 11 no. 4 27-28 Ap '66.

ACIDS, FATTY—ANALYSIS

Presence of low-molecular fatty acids in sunflower, cottonseed, and whale oil. B. N. Titulnikov, L. P. Gromskikh. Maiz. zhur. prom. 31 no. 1 9-12 Ja '65.

ACIDS, ORGANIC

Behavior of ketone peroxides in solution. Part 4: Thermal decomposition of 1,1'-dihydroperoxydicyclohexyl peroxide. Catalysis by organic acids. V. L. Antonovskiy, V. A. Terent'ev. Zhur. org. khim. 2 no. 3 473-481 Mr '66.

Chemical transformations of ω -chloroalkoxylic acid nitriles. T. I. Vasil'eva, R. Kh. Petlidin. Izv. AN SSSR Ser. khim. no. 2 263-267 '66.

Coordination compounds of rare-earth metal chlorides with dicarboxylic acid esters. M. G. Romanov, O. A. Onopov, L. K. Isaeva. Zhur. neorg. khim. 11 no. 3 536-539 Mr '66.

Formation of organic acids in oxidation of n-paraffins by yeast organisms. T. V. Dnogenova and others. Prikl. biokhim. i mikrobiol. 2 no. 2 156-162 Mr-Apr '66.

Heterochain polyesters. Report No. 56: Kinetics of polycondensation of aromatic dicarboxylic acid chlorides with dihydriol. S. V. Vlasova and others. Izv. AN SSSR Ser. khim. no. 2 235-249 '66.

New method of synthesizing α -hydroxy- and α -keto acids. V. V. Pechekin and others. Dokl. AN SSSR 166 no. 5 1120-1131 F '65.

pKa of some polyene acids. L. A. Ivanovskaya, R. N. Stepanov, V. F. Kucherov. Izv. AN SSSR Ser. khim. no. 2 352-353 '66.

Reaction of α -substituted γ -butyrolactone- ϵ -carboxylic acids with dicyanodiamide. O. M. Shakhmurov and others. Izv. AN Arm. SSR, Khim. nauk 17 no. 5 555-561 '64.

Reaction of trivalent phosphorus acid chlorides with conjugated systems. Part 1: Reaction of ethyldichlorophosphine with α,β -unsaturated acids. V. K. Khalilov, I. R. Shagidullin. Zhur. ob. khim. 36 no. 2 289-296 F '66.

Unsaturated acids and macrocyclic lactones. Report No. 10: (ω -Vinyl keto) acids and (ω -ethynyl keto) acids. I. D. Bergel'son, A. N. Grigorian. Izv. AN SSSR Ser. khim. no. 2 286-289 '66.

ACIDS, ORGANIC—OPTICAL PROPERTIES

Refraction of carboxylic acids in carbon tetrachloride as dependent on concentration. M. T. Khimenko, A. I. Golub'. Ukr. khim. zhur. 32 no. 2 161-163 '66.

ACONITE—PHYSIOLOGICAL EFFECT

Study of the cellular activity of the aconite venous on an acetylcholine model of muscular fibrillation. L. V. Rozen-shchik. Fiziol. zhur. 52 no. 1 66-90 Ja '66.

ACOUSTICAL ENGINEERING

Pavlov, B. V. [Cybernetic methods of technical diagnosis] Kiberneticheskie metody tekhnicheskogo diagnostiki. Moskva, Mashinostroyeniye, 1966. 149 p.

ACQUISITIONS (LIBRARIES)

(see also subdivisions under Yankula)

How the libraries of foreign countries acquire the materials of international scientific congresses. K. V. Litova. Bibliotekoved. i bibl. srub. no. 17 70-81 '65.

ACQUISITIONS (LIBRARIES) (Continued)

- More attention to book acquisition centers V. Tereshin
Kish. torg. 17 no. 4:28-29 Ap '66
- N. A. Ruban on the acquisition of books. D. P. Vozlov, Trudy Gos. bibl. SSSR 0:132-154 '65
- National library I. Present-day problems of book acquisition N. I. Tulin. Bibliotekoved. i bibl. za rub. no. 17:30-50 '65

ACRIDINE ORANGE

Possible use of acridine orange in the ultraviolet cyto-spectrophotometry of nucleic acids. V. G. Vladimirov and others. TSitologiya 8 no. 1:128-130 Ja-F '66

ACRIDINE ORANGE—PHYSIOLOGICAL EFFECT

Interrelationship between the biological effect of some diamine derivatives of acridine and the formation of cytoplasmic granules under their influence. A. V. Zeltin, E. A. Linnikova, N. N. Beliaeva. Dokl. AN SSSR 167 no. 1:195-197 M: '66

ACRIFLAVINE

Effect of acriflavine on the frequency of colicinogenic factor 1 transfer in *Salmonella typhimurium*. V. G. Likhodet, T. B. Padalko. Mikrobiologiya 34 no. 6:1041-1048 N-D '65

ACRIFLAVINE—PHYSIOLOGICAL EFFECT

Effect of acriflavine on the inclusion of glycine in nucleic acids and proteins of brain tumors in mice. L. I. Levchenko. Vop. med. khim. 12 no. 1:34-36 Ja-F '66

ACROLEIN

Structure of polyacrolein. Report No. 1. Interaction of acrolein polymers with glycols and Grignard reagent M. P. Shostakovskii, V. I. Botchev, L. P. Ivanova. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:110-114 '64

Structure of polyacrolein. Report No. 2. Hydrogenation of polyacrolein. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:115-121 '64

ACRYLAMIDE

Polyacrylamide and the stabilization of shifting sands. V. S. Gabai. Vest. sel'khoz. nauki 10 no. 7:33-37 Ji '65

Use in the Carpathian Mountain region of natural flushing fluids stabilized by hydrolyzed polyacrylamide. U. L. Skalskaya, I. V. Dilya, N. L. Makalinskaya. Biureto no. 2:25-28 '66

ACRYLIC ACID

Analyzing molecular weight distribution of polymethyl acrylate. L. T. Efremova, S. Z. Kaplan, I. E. Pits. Trudy LITTSBP no. 18:96-101 '65

Determination of acrylic acid in diluted aqueous solutions by means of gas-liquid chromatography. D. Kh. Sembaev and others. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 3:92-95 Ji-S '61

Interrelation of transport RNA oxidized by periodate with polyacrylate acid hydrazide. D. G. Knoch, S. D. Myzina, L. S. Sandakovich. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:115-112 '61

ACRYLONITRILE

Graft polymerization of acrylonitrile on capron fibers. A. I. Kurilenko, V. I. Glukhov. Dokl. AN SSSR 166 no. 4:901-904 F '65

Synthesis and study of color polyacrylonitrile. A. N. Bykov, V. M. Arkhipov. Izv. vys. ucheb. zav. i khim. i khim. tekhn. 8 no. 6:1001-1005 '65

ACRYLONITRILE POLYMERS

Thermochemical analysis of the polymerization of the nitrile of acrylic acid initiated by the oxidation-reduction system $K_2S_2O_8$ - $FeSO_4$. I. E. Pits and others. Trudy LITTSBP no. 18:82-87 '65

ACTING

Among four pines. G. Khizhnikova. Teatr 27 no. 1:45-49 Ja '66

Do we need training? Teatr 27 no. 1:137-140 Ja '66

Lessons of my youth. G. Shebuev. Teatr 27 no. 1:17-21 Ja '66

The more obstacles, the better! E. Babochkin. Teatr 27 no. 1:13-16 Ja '66

Not older than twenty-seven. IV. Golovashenko. Teatr 27 no. 1:20-37 Ja '66

ACTINO—STUDY AND TEACHING

That what I had remembered all my life. TS. Mansurova. Teatr 27 no. 1:22-23 Ja '66

Without allowance for age. E. Alekseeva. Teatr 27 no. 1:7-12 Ja '66

ACTINIDE COMPOUNDS

Complex formation of trivalent actinide elements and lanthanides in phosphoric acid solutions. M. S. Borisov and others. Radiokhimiya 8 no. 1:42-48 '66

Solubility of salts formed by quaternary ammonium bases with hexanitrate anions of tetravalent actinide elements. D. P. Nikol'skii, M. V. Pozvol'skii, G. S. Markov. Radiokhimiya 8 no. 1:114-115 '66

ACTINIDE ELEMENTS—ANALYSIS

Savvin, S. B. [Aisenazo III; methods for the photometric determination of rare and actinide elements] Aisenazo III, metody fotometricheskogo opredeleniya rezhikh i aktinidnykh elementov. Moskva, Atomizdat, 1966. 255 p.

ACTINIDIA—VARIETIES see subdivision under Maritime Territory

ACTINOMETRY—OBSERVATIONS

[Actinometric monthly] Aktinometr. ezhem. F (pt. 1) '64, publ. '65

ACTINOMYCES

(see also subdivision under Georgia)

Anthelmintic properties of actinomycetes isolated from soil of sewage irrigation fields. L. I. Skripka, A. M. Brinskaia. Med. parn. i parn. bol. 35 no. 2:140-145 Mr-Apr '66

Dehydrogenase activity of Actinomycetes fradiae at different intensities of neomycin biosynthesis. G. A. Penzko. M. M. Levitov. Antibiotiki 11 no. 3:213-217 Mr '66

Interaction of alfalfa nodule bacteria among themselves and with other micro-organisms. T. A. Molinova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 13:163-172 '65

ACTINOMYCES—CULTURES AND CULTURE MEDIA

Activity of gunnyl ribonuclease in the culture fluid of Actinomycetes aneovericillatus Kras. et Di Shen, strain 1366, as related to the composition of nutrient medium R. I. Tatarskaya, A. I. Kosenko, N. M. Abrosimova-Amel'ianchik. Prikl. biokhim. i mikrobiol. 2 no. 2, 151-155 Mr-Apr '66

Aurantiin biosynthesis by suspensions of Actinomycetes producing antibiotics. M. V. Nefelova. Dokl. AN SSSR 167 no. 1:205-208 M: '66

Balance and metabolism of amine nitrogen in Actinomycetes spheroides under different conditions of culturing. V. A. Severina, V. S. Pion. Antibiotiki 11 no. 3:199-205 Mr '66

Content of the group B vitamins in the native fluid of Actinomycetes aneovericillatus (strain 1308) and Actinomycetes glaucus (strain 15). A. I. Garkavenko and others. Izv. Inst. mikrobiolog. v nar. khoz. no. 2:6-15 '65

Deoxyribonucleic acid composition in the representatives of various actinomycetes genera. Mikrobiologiya 35 no. 1:82-95 Ja-F '65

Effect of hydroaromatic compounds on the streptomycin production by Actinomycetes streptomycetis LS-1. L. A. Galimova, P. A. Agatov. Mikrobiologiya 35 no. 1:60-63 Ja-F '66

Effect of phosphorus on the biosynthesis of oleandomycin. D. I. Surikova, M. V. Kurganova. Antibiotiki 11 no. 3:205-210 Mr '66

Effect of pyrrole derivatives and precursors on the growth and pigmentation of Actinomycetes longisporus. E. P. Fedotova. Mikrobiologiya 35 no. 1:64-71 Ja-F '66

Infrared spectra of actinomycetes spores. T. P. Probozhenskaya and others. Mikrobiologiya 35 no. 1:86-99 Ja-F '66

Isolation and properties of the polylysogenic strain of Actinomycetes levis 2638. IA. I. Rautenshteyn, M. M. Iadov. Mikrobiologiya 34 no. 6:1011-1018 N-D '65

Oxytetracycline biosynthesis by Actinomycetes rimosus in media with various carbohydrates. N. V. Orlova, M. B. Andrianova. Mikrobiologiya 35 no. 1:40-47 Ja-F '66

Polyaccharide composition in Chailina. V. A. Malorova. Mikrobiologiya 34 no. 6:956-959 N-D '65

Study of the mutagenic action of nitrosalkylurea on actinomycetes. Report No. 1. Action of nitrosalkylurea on Act. olivaceus 113, Act. olivaceus 2671 (B), Act. sphaeroides 354. L. L. Gumanov, N. P. Yonenko. Genetika no. 1:82-85 Ja '66

Synthesis of vitamin B12 and chlorotetracycline by some Actinomycetes aureofaciens strains. V. G. Makarevich, G. I. Smilnova. Prikl. biokhim. i mikrobiol. 2 no. 1:108-110 Ja-F '65

ACTINOMYCINS

Effect of aurantiin, chrysomallin and actinomycin C and K on human tumor cells in tissue culture. E. A. Timofeevskaya. Vop. onk. 12 no. 2:65-69 '66

ACTINS

Relation of actin to subunits of myosin. M. B. Kalamkova, V. P. Nankina. Biofizika 6 no. 3:383-386 '64

ACTIVATED CARBON see Carbon, Activated

ACTIVATION ENERGY

Abrasion of polymers as a kinetic thermoactivation process. S. B. Rainer, E. G. Lur'e. Dokl. AN SSSR 166 no. 4:909-912 F '65

Chromatographic determination of the rate constant and activation energy of a catalytic reaction from the product yield curve. V. I. Filinovsky, G. A. Gastev, M. I. Ivanovskii. Dokl. AN SSSR 167 no. 1:143-146 M: '66

Diffusion coefficients of calcium ions in water-saturated wood from a solution of calcium bisulfite in sulfuric acid measured by radioactive-tracer technique. I. E. Arakin, A. B. Polak, M. G. Eliseberg. Koll. zhur. 28 no. 1:11-13 Ja-F '66

Effect of the kinetic energy of relative motion on the crosssection for an ionic-molecular reaction. M. I. Markin, V. L. Tal'koze. Khim. kat. 7 no. 1:3-10 Ja-F '66

Energy response of the delayed failure process in hardened steel. M. Kh. Shorshorov, V. V. Belov. Izv. AN SSSR, Met. no. 1:165-171 Ja-F '66

Kinetics and activation energy of oxidation of alloys in the system Nb-V-Ti. D. A. Prokoshkin, E. V. Vasil'eva, E. M. Lazarev. Zhur. prikl. khim. 30 no. 2:323-327 F '66

ACTIVITY COEFFICIENTS

Interaction of liquid iron with a steam-hydrogen mixture. M. I. Gaspit, S. I. Khitrik. Met. i koksokhim. no. 3:5-16 '65

Thermodynamic study of the system KBr-NH₄Br-H₂O at 25°C. Part 1. Activity of water and activity coefficients of KBr and NH₄Br in binary and ternary solutions. S. A. Simanova, M. M. Shul'ts. Vest. LGU 21 no. 4:75-81 '66

ACTORS

The real world of the young. Teatr 27 no. 1:3-6 Ja '66

Some thoughts on the status of young actors in the theater and their attitude toward criticism. I. Drutsk and others. Teatr 26 no. 7:60-75 Ji '65

Three from the Caucasus. K. Krivitskii. Teatr 27 no. 1:94-96 Ja '66

ACTRESS, RUSSIAN

Elmolova, M. N. [Letters. From her literary legacy. Recollections of contemporaries] Pis'ma. Iz literaturnogo nasledia. Vospominaniia sovremennikov. Moskva, Iskustvo, 1966. 493 p. (Mdu)

ACUPUNCTURE

Late results of acupuncture treatment and the capacity for work in patients with diseases of the lumbosacral region of the peripheral nervous system. V. I. Doronina-Bukhareva. Trudy LIETIN no. 18:128-130 '65

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ACYLATION

Kinetics of acylation of aromatic amines by acetic and benzoic anhydrides in nitrobenzene and its mixtures with acetic acid. L. M. Litvinenko, L. M. Oleinik. Ukr. khim. zhur. 32 no. 2:174-185 '66

ADAPTATION (BIOLOGY)

Akademiia nauk URSS, Kiev. [Adaptive characteristics of the circulatory and other organic systems in mammals and birds] Adaptivnye osobennosti krovenosnoi i drugikh sistem organov u mlekopitatel'skikh i ptits. Kiev, Naukova dumka, 1965. 129 p. (Respublikanskii mezhdunarodnyi sbornik. Seriya "Problemy zoologii")

ADAPTATION (BIOLOGY)—CONGRESSES

Pokrovskii, A. A., ed. [Problems of biochemical adaptation; materials of the symposium of November 23-28, 1965] Problemy biokhimicheskoi adaptatsii; materialy simpoziuma (23-28 nojabria, 1965 g.) Moskva, Akad. med. nauk SSSR, 1965. 76 p.

ADAPTIVE CONTROL SYSTEMS

Catalytic process as an object of an adaptive control system. A. I. Shelomanov, V. B. Skomorokhov, O. A. Malinovskaya. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3:45-50 '64

Conference on the theory of adaptive control systems. M. V. Mosorov. Avtom. i telemek. no. 2:157-160 '65

ADAPTIVE CONTROL SYSTEMS—CONGRESSES

Vsesoiuznaya konferentsiia po teorii i praktike samonastavlivaiushchikh sistem. Ist. i 1963. [Adaptive control systems; transactions] Samonastavlivaiushchiesia sistemy, trudy. Moskva, Nauka, 1965. 445 p.

ADENOSINE PHOSPHATES

Adenosine phosphates and their derivatives. I. I. Kolodkina, A. M. Iurkevich, N. A. Probozhenskaya. Zhur. ob. khim. 36 no. 3:442-447 Mr '66

ADENOSINE TRIPHOSPHATES

Effect of cortisone injections on the content of labile ATP phosphorus in the tissues of the thymus and in the cells of mice lymphoma. I. A. Bezverzhenskaya. Vop. med. khim. 12 no. 1:63-65 Ja-F '66

ADENOVIRUS INFECTIONS

Diagnosis of pharyngoconjunctival fever. A. A. Avdytovich. Sov. med. 29 no. 2:78-82 F '66

ADHESION, EFFECT OF TEMPERATURE ON

Studying diamond and graphite wetting by molten metals and alloys. Part 4: Effect of temperature on the adhesion of metals inert to carbon. IU. V. Naidich, G. A. Kolesnichenko. Porosh. met. 6 no. 2:67-90 F '66

ADHESIONS (ANATOMY)

Talc as a cause of the development of a postoperative adhesive process in the abdominal cavity V. P. Rol. Khirurgiya 12 no. 3 107-110 M '66.

ADHESIVES

Properties and uses of ME-1 adhesives. I. Gruin, Z. Krutkovskii, L. Bulskii. Plast. massy no. 3-71-73 '66.

ADHESIVES—TESTING

Testing of adhesives based on modified polyethylene V. G. Protasov and others Izv. vuzov ucheb. zav. tekhn. leg. prom. no. 1 54-57 '66.

Water-resistance of epoxy adhesives. A. S. Freidin, L. B. Orlova. Plast. massy no. 3 73-76 '66.

ADIMI VALLEY—SNIPES

Old World painted snipe (*Rostratula benghalensis*) in the Maitimo Territory. M. A. Omel'ko. Zap. Vuzov, fil. Geog. ob-va SSSR no. 1 161 '65.

ADIPIC ACID

Dimerism of polyaryphenylenebisethylene glycol adipate and block urethanes based on it B. I. A. Tolstol'shaum and others Dokl. AN SSSR 166 no. 4 887-890 F '66.

Physicochemical study of the systems of acetamide with succinic and adipic acids. I. M. Bokhovkin, E. O. Vitman. Zhur. ob. khim. 36 no. 3 373-376 M '66.

ADIPOSE TISSUES

Pathology of fat deposits in the large intestine in the clinical picture of "acute abdomen". V. P. Kaznin, I. M. Zhigalina. Sov. med. 27 no. 5 105-109 M '64.

ADMINISTRATION OF CRIMINAL JUSTICE see Criminal Justice, Administration of

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE LAW

Kazakh S S R. Laws, statutes, etc. [Collection of regulatory enactments on liability under administrative law] Shornik normativnykh aktoy ob administrativnoi otvetstvenosti. Alma-Ata, "Kazakhstan", 1965. 205 p.

ADMINISTRATIVE REMEDIES

Ensuring the expeditious and thorough examination of workers' complaints. L. I. Ratner. Sov. gos. i pravo no. 9 52-61 S '66.

ADRENAL CORTEX

Correlation between the adrenal cortex and sexual glands. N. I. Panchenko. Fiziol. zhur. [Ukr.] 12 no. 1 80-90 Ja-F '66.

Daily changes in the intensity of total protein metabolism in cells of the adrenal cortex. A. I. Trupnyld. Tsitol. glia 8 no. 1 103-105 Ja-F '66.

Effect of some adrenomedullary substances on the function of the adrenal cortex and central nervous system. E. V. Naumenko, R. I. H'uchenok. Farm. i toks. 27 no. 6: 670-672 N-D '64.

ADRENAL GLANDS

Functional and morphological changes in the adrenal gland in experimental allergic encephalomyelitis. G. V. Abramchik, M. P. Kvarstov. Dokl. AN BSSR 10 no. 1 61-64 Ja '66.

Reutilization of labeled DNA by the cells of a regenerating adrenal gland. M. I. A. Nekhludova. Biol. eksp. biol. i med. 61 no. 1 73-76 Ja '66.

ADRENAL GLANDS—SURGERY

Effect of adrenalectomy on the carbohydrate-phosphorus metabolism in the brain tissue of guinea pigs. M. M. Kosmina. Fiziol. zhur. [Ukr.] 12 no. 1 102-104 Ja-F '66.

ADRENAL GLANDS—TUMORS

Diagnosis and treatment of adrenal tumors. P. M. Shorluisan, G. G. Zhdenov. Klin. khir. no. 4 31-37 '65.

ADRENAL STEROIDS see Adrenocortical hormones

ADRENALINE

Leucocytic and glycolytic reactions to adrenaline in rabbits following a single and fractional irradiation. I. V. Remizova. Radiobiologiya 6 no. 1 69-72 '66.

ADRENALINE—PHYSIOLOGICAL EFFECT

Effect of adrenaline and noradrenaline on the peripheral resistance of vessels of the hind leg. O. P. Stokan. Fiziol. zhur. [Ukr.] 12 no. 1 34-40 Ja-F '66.

Response of the visual field to white color and colors in concomitant strabismus before and following administration of adrenaline. T. A. Safarova. A. orb. med. zhur. 43 no. 3 77-81 M '65.

ADRENERGIC MECHANISMS

Effect of small hydrocarbon concentrations on some indices of adrenergic and cholinergic systems. I. G. Samedov, R. V. El'saikina. Izv. AN Azerb. SSR, Ser. biol. nauk no. 6 117-123 '65.

ADRENOCORTICAL HORMONES

Dynamics of the hormonal reaction of the adrenal cortex in rats under various effects. I. G. Dluskaia. Fiziol. zhur. 52 no. 3 286-290 M '66.

Effect of ACTH and glyccorticoids on the iron content of serum. I. M. Mendeleev, G. V. Ioffe, Shor. nauch. rab. vrachei Kai. ASSR no. 4 62-67 '62.

Use of corticosteroids in iron deficiency anemia. I. M. Mendeleev, G. V. Ioffe. Shor. nauch. rab. vrachei Kai. ASSR no. 4 68-70 '62.

ADRENOCORTICAL HORMONES—PHYSIOLOGICAL EFFECT

Changes in the permeability of some cerebral structures under the effect of hormones of the pituitary-adrenocortical system. Kh. M. Markov. Farm. i toks. 27 no. 6 613-616 N-D '61.

Effect of adrenocortical hormone on fibrinolysis, content of heparin, and on the antithrombin activity of the blood in rabbits. R. D. Seifulla. Farm. i toks. 29 no. 1 83-86 Ja-F '66.

Effect of the adrenocortical hormone on blood coagulation R. D. Seifulla. Farm. i toks. 27 no. 6 706-708 N-D '64.

ADSORBENTS

Recent developments in the theory and practical application of adsorbents, session in Minsk B. A. Onusatis. Vest. AN SSSR 36 no. 2 166-169 F '66.

ADSORPTION

Adsorption of cadmium sulfide from hydroxides at the liquid-gas interface. G. S. Krasnova, S. G. Mokrushina. Koll. zhur. 28 no. 1 70-75 Ja-F '66.

Carbon monoxide adsorption on palladium in aqueous solutions. A. B. Fasman, Z. N. Novikova, D. V. Sokol'skii. Zhur. fiz. khim. 40 no. 3 556-560 M '66.

Chemisorption of mixtures on NiO. S. Z. Roginskii, I. N. Rulov. Kin. i kat. 7 no. 1 136-143 Ja-F '66.

Connection between surface and volume conductance of fresh fragments of mica crystals and the thickness of adsorbed film. M. S. Metelk. V. D. Pereverzev. Koll. zhur. 28 no. 1 98-104 Ja-F '66.

Effect of surface-active substances on the properties of argillaceous rocks V. P. Rudt, E. R. Sobkiv. Koll. zhur. 28 no. 1 119-122 Ja-F '66.

Evaluating the coefficient of adsorption separation. I. M. Martynov. Khim. prom. 42 no. 3 221-222 M '66.

Influence of strong electrolytes on the micellar adsorption of direct dyes and the structure of adsorption layer on carbon surfaces. A. M. Koganovskii. Koll. zhur. 28 no. 1 63-69 Ja-F '66.

Kinetic-adsorption mechanism of the surface effect of a heterogeneous chemical process. E. Mikhalko. Zhur. fiz. khim. 40 no. 3 725-728 M '66.

Kinetics of adsorption from gas-carrier flow in a stepped variation of concentration. L. P. Timofeev, N. A. Alekseeva. Dokl. AN SSSR 166 no. 4 917-919 F '66.

Kinetics of sorption and chemical reaction on a uniform surface catalyst in a fluidized bed involving complete intermixing of particles and gas. K. P. Lavrovskii, A. L. Rozental'. Kin. i kat. 7 no. 1 151-156 Ja-F '66.

Possible nature of irreversible type of chemisorption on semiconductors. O. Peshev. Kin. i kat. 7 no. 1 84-93 Ja-F '66.

Radionuclides in sorption systems. Part 4: Role of neutral electrolytes. I. V. Egorov, V. M. Nikolayev, A. S. Liubimov. Radiokhimiya 8 no. 1 8-14 '66.

Some irreversible processes in chemisorption on semiconductors. O. Peshev, F. F. Volkenshtein. Zhur. fiz. khim. 40 no. 3 574-579 M '66.

Study of oxygen adsorption on rhodium by the method of triangular and trapezoidal voltage pulses. E. I. Khruzhicheva, N. A. Shumilova, M. R. Tarasovich. Elektrokhimiya 2 no. 3 277-282 M '66.

Use of the flash method in studying the chemisorption of oxygen on polycrystalline tungsten filaments. I. U. K. Usinov, N. I. Ienev. Zhur. tekhn. fiz. 36 no. 11 2090-2108 N '65.

ADULT EDUCATION

(see also subdivision under Tajikistan)

Faculty of public services. S. Ovchinnikov. Nar. obr. no. 4 26-28 Ap '66.

Pedagogical education. A. Filippov, B. Fomak. Nar. obr. no. 3 128 M '66.

Who controls popular universities after all? A. Kartsev. Kommunist 42 no. 1 123-125 Ja '66.

ADVERTISING COPY

Text of commercial advertisement. D. Bekleshev. Sov. tog. 39 no. 4 53-55 Ap '66.

AERIAL BOMBING see Bombing, Aerial

AERIAL PHOTOGRAMMETRY

9th All-Union Conference on Aerial Photographic Surveying and the problems of using aerial mapping methods in soil science. V. L. Andrianov, V. A. Kolina, M. S. Simakova. Pochvovedenie no. 3 112-114 M '66.

Morphological characteristics of landforms of the Fergana Depression and their interpretation according to aerial photographs. M. Kuz'yabev. Vest. LGU 21 no. 6 135-143 '66.

Results of the Ninth All-Union Conference on Aerial Surveying. P. I. Raizer. Geod. i kart. no. 11 3-8 N '65.

Some problems of determining ice drift with the use of aerial photographic surveying. V. G. Zdanovich, I. U. D. Shai'lov. Probl. Arkt. i Antark. no. 2 161-68 '65.

Topographic use of aerial color photogrammetry in the U. S. S. R. L. M. Goldman. Geod. i kart. no. 11 41-17 N '65.

AERIAL PHOTOGRAPHY see Photography, Aerial

AERODYNAMIC HEATING

Calculating the warm-up of a two-layer plate under boundary conditions of the second type. A. A. Kobylanski. Soinolekati. i tekhn. vozd. flota no. 1 21-25 '65.

AERODYNAMIC MEASUREMENTS

Heat exchange during the transverse flowing around by plane-parallel or axially symmetric air streams. E. I. Rozenfeld. Izv. vuzov ucheb. zav. i chern. met. 9 no. 2: 140-140 '66.

AERODYNAMICS, HYPERSONIC

Aerodynamic characteristics of thin bodies of revolution under the angle of attack in a hypersonic gas flow. V. I. Kholavko. Samoletostr. i tekhn. vozd. flota no. 2 3-8 '65.

Hypersonic gas flow about a thin blunt cone under a small angle of attack. V. I. Kholavko. Samoletostr. i tekhn. vozd. flota no. 1 10-16 '65.

AERODYNAMICS, SUPERSONIC

One scheme of the integral relations method in a problem concerning supersonic flow past blunt bodies. F. D. Popov. Zhur. tekhn. fiz. 36 no. 2 239-245 F '66.

Separation of a turbulent boundary layer in a supersonic flow. I. U. A. Panov, A. I. Shvots. Prikl. mekh. 2 no. 1: 99-105 '66.

Supersonic motion of bodies in a two-component medium. N. A. Mamadilov. Izv. AN Uz. SSR, Ser. tekhn. nauk 10 no. 1 22-27 '65.

With a long-range supersonic airplane. Part 2: Characteristics of aerodynamics. V. Molozhavtsov. Av. i kosm. no. 4 72-78 Ap '66.

AERODYNAMICS, TRANSONIC

Ryzhov, O. S. [Study of transonic flows in Javal nozzles] Issledovanie transonnykh techenii v soplnakh Lavalla. Moskva, Vychislitel'nyi tsentr AN SSSR, 1965. 236 p. (Trudy Vychislitel'nogo tsentra)

AERONAUTICAL RESEARCH

TSAGI (Central Aerohydrodynamic Institute) and the development of aeronautical sciences. A. Makarevskii, N. Semanova. Av. i kosm. no. 3 30-34 M '66.

AERONAUTICAL SPORTS

(see also subdivision under Tomsk Province; Yugoslavia)

Aid to the sportsman. Kryn. rod. 17 no. 3 insert 1-16 M '66.

Meeting the spring winds. A. Pakhomov. Kryn. rod. 17 no. 1 18-20 Ap '66.

A moment for a flight, a day for the thoughts. S. Ignat'ev. Kryn. rod. 17 no. 3 12-13 M '66.

Toward new victories of communism! Kryn. rod. 17 no. 4 1 Ap '66.

AERONAUTICS

Aeronautics is the cradle of astronautics. K. Vershinin. Av. i kosm. 41 no. 5 2-6 '62.

It is interesting to know this. Kryn. rod. 17 no. 1 31 Ap '66.

"Working people, construct the air fleet!" A. Iakovlev. Av. i kosm. no. 4 33-39 Ap '66.

AERONAUTICS—ABSTRACTS

[Air transportation] Ref. zhur. i Vozd. transp. no. 3 M '66. Avtorskii ukazatel' za 1965 g.

AERONAUTICS—PSYCHOLOGY

Gerathwohl, Siegfried Johannes. [Psychology of man in an airplane. Translated from the German] Psikhologiya cheloveka v samolete. Pod red. A. P. Popova. Moskva, Izd-vo inostr. lit-y, 1956. 356 p. (NBC)

AERONAUTICS—STUDY AND TEACHING

Pilots are not born. S. Florinskii. Giazhd. av. 23 no. 4: 28-29 Ap '66.

AERONAUTICS, COMMERCIAL

(see also subdivision under Arctic regions)

On routes of peace and friendship. Nikolai Denisov. Giazhd. av. 23 no. 4 8-10 Ap '66.

Toward new victories! Giazhd. av. 23 no. 4 1-2 Ap '66. With the speeds of the times. N. P. Bykov. Kryn. rod. 17 no. 4 17 Ap '66.

AERONAUTICS, COMMERCIAL—FINANCE

More flights for the small unit. A. Fedorov. Gruzul av. 23 no. 17 Ap '66

AERONAUTICS, COMMERCIAL—PASSENGER TRAFFIC

see subdivision under Moscow Province

AERONAUTICS, COMMERCIAL—STUDY AND TEACHING

see subdivision under Kiev

AERONAUTICS, MILITARY

Responsibility for every flight. S. Mitenev. Av. i kosm. 45 no. 12-6 '62

AERONAUTICS, MILITARY—FLIGHTS

A flight should be directed from the takeoff to the landing. A. Shumakov. Av. i kosm. 45 no. 12, 51-51 '62

AERONAUTICS, MILITARY—OBSERVATIONS

Means and methods of air reconnaissance. M. V. Sholekhov. Vest. protivovozd. obor. no. 10:7-78 O '65

Scout above a battlefield. T. Gorlaehkin. Av. i kosm. 45 no. 12-17-50 '62

AERONAUTICS, MILITARY—PSYCHOLOGY

The pilot and problems of engineering psychology. V. A. Ponomarenko, N. D. Zavalova. Vest. protivovozd. obor. no. 1:18-53 Ja '66

AERONAUTICS, MILITARY—STUDY AND TEACHING

Against the principle "something may happen!" A. Cherkov. Av. i kosm. no. 4:55-58 Ap '66

Confidence in the air pilot. N. Dushenko. Av. i kosm. 45 no. 12:57-60 '62

Decisive stages in the formation of an air pilot-engineer. A. Matveev. Av. i kosm. no. 1:40-10 Ap '66

Flight services and their management. A. M. Makarov. Mor. shor. 49 no. 4:50-55 Ap '66

Good shoots. I. Shipilov. Av. i kosm. 41 no. 5:51-55 '62

Greater attention to young flying personnel. Mor. shor. 49 no. 3:47-52 Mr '65

How to become an air force pilot or technician? Av. i kosm. no. 3:95-96 Mr '66

AERONAUTICS IN AGRICULTURE

see subdivision under Caucasus, Northern

AERONAUTICS IN FORESTRY

Aeronautics in selection cuttings in mountain forests. V. M. Piskalkin. Trudy Tbil. inst. lesn. 11:215-222 '65

AERONAUTICS IN GEOPHYSICS

Theory of gravity measurements on board an aircraft by means of three orthogonal string transducers. Part 2. I. A. Tarakanov. Izv. AN SSSR, Fiz. zem. no. 10:73-82 '65

AERONAUTICS IN GLACIOLOGY

Aeromethods in glaciology. B. Kamalov. Gruzul av. 23 no. 4:31 Ap '66

AERONAUTICS IN METEOROLOGY

Aerovisual observations of the state of grain crops. G. I. Boilegolebskii. Meteor. i gidrol. no. 3:54-55 Mr '66

AERONAUTICS IN PROSPECTING

Plotting aerolelectric prospecting maps. G. S. Frantov. Razved. i kh. nedr. 32 no. 1:35-40 Ja '60

AEROSOLS

Approximate calculation of the coefficients of the capture of aerosol particles by obstacles of various forms. V. M. Voloshchuk. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 2:161-173 F '68

Conjugation constant of highly dispersed aerosols. N. A. Fuka, A. G. Suleym. Koll. zhur. 28 no. 1:131-138 Ja-F '66

Discovery of twilight airglow. G. V. Rozenberg. Priroda 55 no. 3:26-37 '66

Induction method of unipolar electrization during the V. F. Danekil

scattering of aerosols, m. i. okana

Shchlenko,

strol. Ros.

ility in local-iskom lekus-voe v zhizni, lekustvo,

ited from the reved i rograss, 1966,

Second reality of art and the contemporary aesthetic mythology. I. I. Vinogradov. Vop. filosof. 20 no. 3:51-63 '66

AESTHETICS—STUDY AND TEACHING

Communist Party leadership as basis for aesthetic education. V. I. Kantabchev. Sbor. nauch. iab. Volg. gos. ped. inst. no. 1:176-186 '61

In search of new ways. Prof. -lekh. obr. 23 no. 3:26 Mr '66

Teachers need it. N. Berkhin. Nar. obr. no. 3:21-22 Mr '66

Vanglov, V. V. [All-round development of personality and the forms of art] Vsesoyuznoe razvitiye lichnosti i vidy iskusstva. Moskva, Sovetskii khudozhnik, 1963, 169 p

AESTHETICS OF MOVEMENT

see Movement, Aesthetics of

AFFORESTATION

(see also subdivision under Caucasus, Northern, Kabardino-Dzhubul Range)

Conference on the afforestation in dry areas. A. Lashkov. Vest. sel'khoz. nauki 11 no. 3:149-155 Mr '66

Forests and steppes. V. Onshenko. Kommunist 12 no. 1:62-63 Mr '66

Volgosh, V. S., I. N. Kulikovskii, and A. I. Pisarenko. [Afforestation of mountain slopes] Oblesenie gornykh sklonov. Moskva, TSentr. nauchno-issl.-i informatsion. i tekhniko-ekon. issledovaniy po teorii, (sel'khozno-bumazhnoi, denezhobratyvalushchei promyshl. i lesnomu khoz., 1964, 46 p. (Lesnoe khozislavto) [DNAL MICROFILM]

AFGHANISTAN—HIDES AND SKINS

Dressing and sorting of khrakul in Afghanistan. D. Bolko. Zakup. sel'khoz. prod. no. 1:59-60 Ja '66

AFGHANISTAN—KARAKUL SHEEP

Dressing and sorting of khrakul in Afghanistan. D. Bolko. Zakup. sel'khoz. prod. no. 1:59-60 Ja '66

AFGHANISTAN—SEISMOLOGY

Some information on the seismicity of Afghanistan. A. P. Solov'ev. Izv. vyssh. ucheb. zav., geol. i razv. 9 no. 1:41-17 Ja '66

AFGHANISTAN—TECHNICAL ASSISTANCE, RUSSIAN

A road uniting hearts. A. Lavrent'ev. Az. i Afr. seg. 9 no. 3:41-15 Mr '66

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inost. lit. po stran. Az. i Afr. nos. 1-2 '60

AFRICA—COLONIES

Some spots in the heart of Africa. A. Nikanorov. Agitation 33 no. 5:65-67 Mr '60

AFRICA—CONSTITUTION

[Constitutions of the states of Africa] Konstitutsii gosudarstv Afriki. Moskva, Progress, Vol. 3, 1966 710 p.

AFRICA—DESCRIPTION AND TRAVEL

Rodionov, V. N. [Africa at the crossroads of centuries] Afrika na styke stoletii. [Leningrad] Lenzdat, 1965, 225 p. (CS-I)

AFRICA—HISTORIOGRAPHY

History of tropical Africa in present-day progressive historiography. A. I. Shpil't. Vop. ist. 41 no. 3:143-147 Mr '66

AFRICA—HISTORY—STUDY AND TEACHING

About the teaching of the history of Asia and Africa. N. D. Korobov, A. B., G. I. A. Smolin. Nar. Az. i Afr. no. 2:101-102 '66

AFRICA—PEASANTRY

A conference on the problems of the peasant movement. I. A. Nar. Az. i Afr. no. 2:234-239 '66

Problems of the peasant movement in Asian and African countries, conference in Moscow. P. P. Moiseev. Vest. AN SSSR 36 no. 2:173-175 F '60

AFRICA—POLITICS

From Nazim Hikmet's manuscript heritage: "Some questions and answers on the liberation struggle of the peoples of Asia and Africa," and "Brief notes on theatrical themes" (in connection with the performance of the play "The white lotus"). Nar. Az. i Afr. no. 2:141-147 '66

Moscow, Universitet družby narodov, Kafedra mezhdunarodnogo prava. [Independent Africa in documents] Nezavisimaya Afrika v dokumentakh. Moskva, 1965, 220 p.

The situation in Africa and its prospects. I. U. Bochkarev. Nov. vrom, 23 no. 17:7-9 Ap '66

AFRICA—WAGES

African workers and their income. L. Pribytkovskii. Az. i Afr. seg. 9 no. 3:30-31 Mr '60

AFRICA—WOMEN

The right to happiness. N. Sinastina. Az. i Afr. seg. 9 no. 3:6-7 Mr '66

We wish you success, daughters of Africa! R. Smirnova. Az. i Afr. seg. 9 no. 3:7-5 Mr '66

AFRICA—WOMEN—EMPLOYMENT

They are ahead in the struggle for happiness. T. Savell'eva. Sov. profsoyuz 22 no. 4:11 F '66

AFRICA, NORTH—LITERATURES

Literary Maghrib. S. Prokhorova. Az. i Afr. seg. 9 no. 3:18-40 Mr '66

AFRICA, NORTH—PEASANTRY

Characteristics of the peasant movement in the developing countries of Asia and North Africa. I. U. G. Mekhan-drov. Nar. Az. i Afr. no. 2:3-11 '66

AFRICA, SUB-SAHARAN—POLITICS

Anatomy of the military coups in Africa. I. U. Bochkarev. Nov. vrom, 23 no. 1:10-12 Ap '66

AFRICA, WEST—POLITICS

West Africa. The Trojan horse from Abidjan. M. Nemov. Nov. vrom. 23 no. 16:14 Ap '66

AFRICAN ART

see Art, African

AFRICAN SCULPTURE

see Sculpture, African

AFRICAN SWINE FEVER—MICROBIOLOGY

Experiments on the adaptation of the African swine fever virus. I. A. R. Kovalenko, M. A. Sidorov, L. G. Burba. Dokl. Akad. sel'khoz. nauk no. 2:30-30 F '66

AGA BURYAT NATIONAL AREA—ANTIQUITIES

The Budalan campsite in eastern Transbaikalia. I. U. S. Grishin. Mat. i issl. po arkheol. SSSR no. 130:68-72 '66

AGATES

see subdivision under Caucasus

AGGREGATES

Capacity of a set in signal space, and the Blochmanian metric. V. P. Kozlov. Dokl. AN SSSR 166 no. 4:770-782 F '66

Proof of the semicontinuity of the upper bound of the variation of a set. A. G. Vitushkin. Dokl. AN SSSR 166 no. 5:1022-1025 F '66

AGGREGATES (BUILDING MATERIALS)

(see also subdivision under Krasnoyarsk Hydroelectric Power Station)

Vibrating washers are efficient machines for flushing aggregates. R. A. Rodin, V. V. Olinin, I. F. Kanov. Stroitel. 12 no. 3:36-37 Mr '66

AGGREGATES (BUILDING MATERIALS)—STORAGE

Automatic control of concrete aggregate storage. A. G. Bol'for, V. B. Grubshstein. Mekh. i avtom. proizv. 20 no. 2:0-8 F '66

AGING

Age-related morphological changes in the cortical region of the motor analyzer. S. M. Bortnik and others. Dokl. AN SSSR 10 no. 1:65-68 Ja '66

Aparkin, V. E. [Physical education for the middle-aged and elderly] Fizkul'tura dlia srednego i pozhnogo vozrasta. Moskva, Meditsina, 1966, 38 p. (Nauchno-populiarnaya meditsinskaya literatura) [DNLM]

Characteristics of the age-related reconstruction of the wrist in the representatives of some labor groups. K. I. Mashkova. Arkh. anat., gist. i embr. 50 no. 1:3-9 Ja '66

Further study of DNA fragmentation and its connection with the age of an animal. B. I. Goldstein and others. Ukr. biokhim. zhur. 38 no. 1:18-20 '66

Neurological characteristics of presenility. N. A. Popkhadze and others. Soob. AN Gruz. SSR 41 no. 1:237-244 Ja '66

The theory of the aging of organisms and ways of development. L. V. Komarov. Vest. AN SSSR 36 no. 1:61-63 Ja '66

AGRICULTURAL ADMINISTRATION

see subdivision under Moscow Province, Ukraine

AGRICULTURAL CHEMICALS

(see also subdivision under United States)

Products of cyanethylation as insect repellants, plant growth promoting substances, and possible pesticides. A. N. Kost, E. V. Vinogradova, K. K. Bragina. Izv. vna ucheb. zav., khim. i khim. tekhn. 8 no. 6:603-608 '65

AGRICULTURAL CHEMISTRY—STUDY AND TEACHING

Studying the problems of the chemicalization of agriculture. R. N. Kniazeva. Shkola i proizv. 10 no. 3:25-28 Mr '66

AGRICULTURAL COLLEGES

(see also subdivision under Goikh)

Anniversary, medals for agricultural technical schools, A.P. Milaev, Sred.spets.obr., 13 no.2 12 F '66.

AGRICULTURAL CREDIT

(see also subdivision under Europe, Eastern)

Issuing of credit to collective farms capital. Den. i khd., 24 no.2 3-7 F '66.

Proceedures for issuing credit to state farms, N. Vonsa-lovskii Den. i khd., 24 no.2 51-53 F '66.

AGRICULTURAL EDUCATION

(see also subdivision under Pskov)

Improving qualifications of agronomists, V. Tikhonov, E. Shev'ev, IA Pantelev Zemledelie 20 no.1 16 Ja '66.

Main trends of agricultural science and production, V. F. Krasota Vest. vys. shkoly 24 no.2 9-18 F '66.

AGRICULTURAL EDUCATION—CONGRESSES

Directors of the agricultural institutions of higher learning confer Vest. vys. shkoly 24 no.2 43-50 F '66.

AGRICULTURAL ENGINEERING

Organization of engineering work and the training of engineers, V. Agal'kov, Tekh. v sel'khoz., 26 no.1 7-8 Ja '66.

AGRICULTURAL ENGINEERING—STUDY AND TEACHING

A mechanical engineer should have a deep and many-sided knowledge, V. Mezner Tekh. v sel'khoz., 26 no.1 8-9 Ja '66.

AGRICULTURAL INSURANCE

see Insurance, Agricultural

AGRICULTURAL JOURNALISM

see Journalism, Agricultural

AGRICULTURAL LABORATORIES—EXHIBITIONS

see subdivision under Armenia

AGRICULTURAL MACHINERY

(see also subdivision under Chuk region, Novosibirsk Province; Ukraine)

Dronova, N. F., and N. I. Chuplinskii, [Coupling tractors with agricultural machinery] Agregatsionnye traktory sel'skokhoziaistvennykh mashinam, [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1963, 45 p. (V pomoshch' molodoemu mekhanizatoru)

[DNAL MICROFILM]

Eglina, A. M. [Trade relations between collective farms and industry] Toi gove svyazi kolkhovov s promyshlennost'iu, Moskva, Ekonomika, 1963, 108 p.

Machine operators need good factory manuals on machinery N. Popov Tekh. v sel'khoz., 26 no.2 93 F '66.

Machinery operators as a decisive force, D. Mekshin Tekh. v sel'khoz., 26 no.3 10-13 Mr '66.

Method for determining losses due to the obsolescence of agricultural machinery, N. Vlasov Ekon. sel'khoz., 41 no.2 32-10 F '66.

Names for the basic implements used in tilling the land O. M. Osere'd'ko, Zbi. nauk. prats' zap. i filol. Kyiv, un. no.13 69-68 '63.

Oranelli, N. N. [Assembly, use, and repair of machines on livestock farms] Montazh, eksploatatsiia i remont mashin na zhivotnovodcheskikh fermakh, Moskva, Kolos, 1965, 270 p. (DNAL)

Overall mechanization and electrification of agricultural production in the non-Chernozem zone of the U.S.S.R., L. A. Korbut, Vest. sel'khoz. nauk. II no.3 18-24 Mr '66.

Program of technological progress, Tekh. v sel'khoz., 26 no.3 1-5 Mr '66.

Studying the work of disk-type working parts operating at increased speeds, P. G. Kulebakin, A. I. Arzhanykh, Nauch. trudy SibVIM no.2 191-202 '64.

Tasks of science in the further raising of the level of the mechanization and electrification of agriculture in the non-Chernozem zone of the U.S.S.R., P. N. Lislov, Vest. sel'khoz. nauk. II no.3 36-41 Mr '66.

AGRICULTURAL MACHINERY—ABSTRACTS

[Tractors and agricultural machinery and equipment] Ref. zhur.: Trakt. i sel'khoz. mash. i orud., no.2 F '66.

AGRICULTURAL MACHINERY—COLD WEATHER

OPERATION see subdivision under Virgin Territory

AGRICULTURAL MACHINERY—DESIGN AND CONSTRUCTION

Practices in the use of bent profiles in agricultural machinery, A. M. Kontorer, Trudy VISHOMA no.15, 45-78 '64.

Using developable surfaces in the manufacture of agricultural machinery, I. U. G. Kardashevskaya, Dokl. MISSP 1 no.5 71-77 '64.

AGRICULTURAL MACHINERY—EXHIBITIONS

For farm mechanizers, Inform. bul. VDNKH no.1 20 Ja '66.

International exhibition of agricultural machinery and equipment Tekh. v sel'khoz., 26 no.3 2-21 Mr '66.

International exhibition of agricultural machinery Inform. bul. VDNKH no.1 30-31 Ap '66.

International exhibition of agricultural machinery, Tekh. v sel'khoz., 26 no.2 90-91 F '66.

International exhibition on "Modern agricultural machinery and equipment," Tekh. v sel'khoz., 26 no.1 91-97 Ja '66.

International exhibition on the "Modern Agricultural Machinery and Equipment," Zh. G. Bernis, Vest. sel'khoz. nauki II no.3 155-158 Mr '66.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

(see also subdivision under Tomsk Province, Tselinograd Province)

Reconditioning machine parts with electrolytic iron-nickel alloy M. Melkov Tekh. v sel'khoz., 26 no.2 65-67 F '66.

AGRICULTURAL MACHINERY—PARTS

Electric spark method of increasing the durability of the cutting parts on agricultural machinery I. N. Petrov, I. I. Safonov, S. P. Fursov Elek. obr. mat. no.1 54-56 '65.

Increasing the durability of machine parts by their thermal treatment in a fluidized bed V. A. Antifeyev, A. P. Baskakov, V. I. Onokhin Trakt. i sel'khoz. mash. no.3 10-12 Mr '66.

AGRICULTURAL MACHINERY—PERIODICALS

Aid to rural machine operators Tekh. v sel'khoz., 26 no.2 1-5 F '66.

AGRICULTURAL MACHINERY—TESTING

Studying the strength of the knife back of a cutting apparatus, I. M. Zol'tsman, I. U. Volkov Trakt. i sel'khoz. mash. no.3 31-37 Mr '66.

Use of active working organs in transplant lifters, G. B. Klimov, E. I. Porshkov, G. A. Kotomina Trakt. i sel'khoz. mash. no.3 29-31 Mr '66.

AGRICULTURAL MACHINERY INDUSTRY

(see also subdivision under Kirovograd)

Develop the agricultural machinery industry on a scientific basis, V. I. Lozovoi Trakt. i sel'khoz. mash. no.3 18-20 Mr '66.

AGRICULTURAL MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Unused potentialities in the manufacture of cutting tools, V. I. Mischenko, L. M. Mampel', Trakt. i sel'khoz. mash. no.3 42-41 Mr '66.

AGRICULTURAL MACHINERY INDUSTRY—MANAGEMENT

see subdivision under Rostov-on-Don

AGRICULTURAL METEOROLOGY

Agricultural

AGRICULTURAL POLICY

(see also subdivision under Rhodesia)

Development of agriculture in the new five-year plan, Ekon. sel'khoz., 41 no.3 1-7 Mr '66.

Economic foundations of the alliance of the laboring classes and collective farm peasants, I. Glotov, Kommunist 42 no.1 12-23 Ja '66.

AGRICULTURAL RESEARCH

At the Presidium of the Lenin All-Union Academy of Agricultural Sciences, Vest. sel'khoz. nauk. II no.6: 149-155 Ja '66.

At the Presidium of the All-Union Academy of Agricultural Sciences, Vest. sel'khoz. nauk. II no.7 153-158 Ji '66.

In the Presidium of the All-Union Academy of Agricultural Sciences, Vest. sel'khoz. nauk. II no.3 125-120 Mr '66.

Krasnov, V. S. [Grain and science] Khleb i nauka, Moskva, Znaniye, 1965, 81 p. (Novoe v zhizni, nauke, tekhnike, X Seriya Molodezhnaya, no.4)

Novosibirskaya gosudarstvennaya sel'skokhoziaistvennaya opytnaya stantsiya, [Achievements of science for production; collected papers of the Novosibirsk State Agricultural Experimental Station] Dostizheniya nauki i proizvodstva, sbornik rabot... Novosibirsk, 1963, 82 p. [DNAL MICROFILM]

Use of isotopes and irradiation in agricultural studies, V. M. Zol'tulinski, L. G. Soldatova, Vest. sel'khoz. nauk. II no.3 144-148 Mr '66.

Use of radioactive isotopes and radiations in agriculture, V. S. Serebrennikov, Shkola i proizvod. 10 no.3 82-83 Mr '66.

AGRICULTURAL WORKERS

(see also subdivision under Romny District)

Allowances to agricultural workers for temporary disability; our consultations, G. Simonenko, Sov. profsoyuzy 22 no.5 46-47 Mr '66.

AGRICULTURAL WORKERS—DISEASES AND HYGIENE

see subdivision under Medvezhyegorsk District

AGRICULTURE

(see also subdivision under Irkutsk Province, Baly, Kazakhstan; Krasnodar Territory, Lipetsk Province; Moldavia, Moscow Province, Smolensk Province, Spain, Uzbekistan, Vilnius Province, Volga Valley, Volgograd)

Exhibitions and displays of special items, Inform. bul. VDNKH no.6 30-33 Je '61.

General characteristics of agriculture production, P. I. Khvoznik, BIKI [P. Dzh.] no.2 16-50 Ap '66.

[General farming and soil science] Obshchee zemledelie s pochovovedeniem, 2 izd. [By] P. I. Zaeval, Leningrad, Kolos, 1966, 508 p. (Uchebnykh i uchebnykh posobiya dlia sel'skokhoziaistvennykh tekhnikumov) (DNAL)

Give the 23d Congress of the CPSU a worthy welcome, Tekh. v sel'khoz., 26 no.1 1-5 Ja '66.

In honor of the 33d Congress of the CPSU, Vest. sel'khoz. nauk. II no.3 1-3 Mr '66.

Intensification of agriculture and the efficiency of capital assets N. Linkun, Sh. Mamadov, Vop. ekon. II no.2 125-130 F '66.

Ladyzhin, I. A. [On the art of agriculture] O kul'ture zemledel'ia, Moskva, Izd-vo "Znanie," 1966, 59 p. (Narodnyi universitet Sel'skokhoziaistvennyi fakul'tet, no.3)

Main problems of agricultural development in the new five-year plan, G. Gaponenko, Plan. khoz., 43 no.3 1-10 Mr '66.

Seasonal industry, G. Shecheglov, Sov. profsoyuzy 22 no.5 11-13 Mr '66.

Soil-geographical and agricultural zoning of the U.S.S.R., N. N. Rozov and others, Vest. sel'khoz. nauk. II no.3: 55-72 Mr '66.

Some problems in the efficient distribution and specialization of socialist agriculture A. Mitchev Vop. ekon. no.2 67-75 F '66.

Tasks of agriculture in the non-Chernozem zone, T. Fedorenko, Zemledelie 26 no.1 62-66 Ja '66.

Toward new achievements in the new year! Zemledelie 26 no.1 2-5 Ja '66.

AGRICULTURE—ACCIDENTS

(see also subdivision under Armenia)

Late results of the treatment of agricultural injuries, E. P. Rikalskiy, Sov. med. 27 no.9 74-78 My '64.

AGRICULTURE—ACCOUNTING

(see also subdivision under Astrakhan Province)

Introduction of business accounting on collective and state farms G. K. Rusakov Zemledelie 26 no.1 21 Ja '66.

AGRICULTURE—AUDITING AND INSPECTION

see subdivision under Zhensk District

AGRICULTURE—BIBLIOGRAPHY

see Bibliography—Agriculture

AGRICULTURE—CONGRESSES

Anniversary conference of the Tsimlarye Agricultural Academy, E. Kicks, Ekon. sel'khoz., 41 no.2 117-118 F '66.

Meeting of the Scientific-Methodological Council on the development of agricultural management systems I. Borzakovskii Ekon. sel'khoz., 41 no.3 122-125 Mr '66.

Problems of agriculture in the non-Chernozem region, M. Levinson, Ekon. sel'khoz., 41 no.2 110-120 F '66.

AGRICULTURE—ECONOMIC ASPECTS

(see also subdivision under Cuba, Dnepropetrovsk Province; Kirghizistan)

Economic efficiency of main trends of agricultural intensification, IA Lovkov, Ekon. sel'khoz., 41 no.3 61-62 Mr '66.

In preparation for the 23d Congress of the CPSU, Ekon. sel'khoz., 41 no.2 1-8 F '66.

Kalgorodov, V., and others, [In the forefront] Na perednem krane, Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1964, 63 p. (CSI-II)

Klomyashev, P. A. [Relationship of the value of capital assets to the value of production in agriculture and potentialities for reducing the ratio] Fondomkost' sel'skokhoziaistvennoi produktii i rezervy ee snizheniya, Moskva, Ekonomika, 1966, 169 p.

Tikhilko, N. P., and V. S. Tonkovich, eds. [Economics and organization of socialist agriculture] Ekonomika i organizatsiia sotsialisticheskogo sel'skogo khoziaistva, Minsk, Vysshaya shkola, 1965, 163 p.

AGRICULTURE—ECONOMIC ASPECTS—BIBLIOGRAPHY

see Bibliography—Agriculture—Economic aspects

AGRICULTURE—EXPERIMENTATION

Experimentation and its educational basis, M. Nikolaev, Nar. obr., no.4 51-58 Ap '66.

Give continuous attention to experimental work, P. F. Zalanichovskii, Sred.spets.obr., 13 no.1 26-27 Ja '66.

AGRICULTURE—FINANCE see subdivision under Moscow Province

AGRICULTURE—HYGIENIC ASPECTS
(see also subdivision under Dnepropetrovsk Province)

Everyday life on a collective farm. I. Zubent, Okhr. truda i sots. strakh. no. 3 15-18 M 1966.

A year's work on a new way. I. Mel'nikov. Okhr. truda i sots. strakh. no. 3 4-5 M 1966.

AGRICULTURE—INFORMATION SERVICES

Increasing the role of scientific information. A. M. Bochev, Vest. sel'khoz. nauki 10 no. 7 136-140 J 1965.

AGRICULTURE—LABOR PRODUCTIVITY

Intensification and labor productivity in agriculture. I. Duzdatov, Ekon. sel'khoz. 41 no. 2 22-31 F 1966.

AGRICULTURE—MAPS see subdivision under Netherlands

AGRICULTURE—PERIODICALS

At the sources of agricultural journalism. G. N. Frolov. Vest. sel'khoz. nauki 10 no. 6 142-148 J 1965.

AGRICULTURE—STATISTICS

Basic indices of agricultural development between the 22d and the 23d Congresses of the CPSU. V. Maniak, Ekon. sel'khoz. 41 no. 3 8-10 M 1966.

AGRICULTURE—STUDY AND TEACHING

(see also subdivision under Latvia)

Engineering ideas of an agriculturist. NTO 8 no. 3 256-60 M 1966.

How we conduct the practical training of specialists. G. I. Murzin, Sred. spets. obr. 13 no. 2 36-38 F 1966.

Let's raise the level of rural workers' training to the level of present-day requirements. A. Osipov, Prof.-tekh. obr. 23 no. 3 12-13 M 1966.

Let's raise the work of young naturalists to a new level. I. Imshenetskaya, Nn. obr. no. 3 60-63 M 1966.

Organizing instruction on a school farm. M. Kogut, A. Romanenkova, Prof.-tekh. obr. 23 no. 2 20 F 1966.

Practice work in a state farm-technical school on the basis of their own agricultural economy. P. N. Sukach, Sred. spets. obr. 13 no. 1 33-38 J 1966.

AGRICULTURE—TEACHER TRAINING

In a friendly multinational family. G. Kuzus', Sred. spets. obr. 13 no. 3 44-46 M 1966.

AGRICULTURE—TECHNOLOGICAL INNOVATIONS

Suggestions for rural innovators. Izobr. i izv. no. 2 42-44 1966.

AGRICULTURE, COOPERATIVE see subdivision under Vinnitsa Province

Besluk, T. L. [Organization of socialist agriculture] Organizatsiya sotsialisticheskogo sel'skokhozyaistvennogo proizvodstva. Moskva, Ekonomika, 1965. 531 p. (M)

AGRICULTURISTS

Improve the working methods of an agronomist. V. E. Markitanov, Zemledelie 28 no. 2 14-46 F 1966.

Towards to worthy people. Zemledelie 28 no. 1 24-31 J 1966.

Rights and obligations of specialized personnel. V. K. Ilygin, Zemledelie 28 no. 2 42-43 F 1966.

The specialist is the technologist of production. I. A. Kravchenko, Zemledelie 28 no. 2 2-5 F 1966.

AGUL VALLEY—BOTANY

Vegetation of the Agul Valley (Eastern Sayan Mountains). L. M. Kraenoborov, Rast. pokr. Kras. kraia no. 2 24-48 1965.

AKHUND-ZADE, FETH ALI, 1812-1878

Musafayev, Mukhtar. [Economic views of M. F. Akhund-Zade] Ekonomicheskie vzglyady M. F. Akhundova. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 141 p. (NNC)

AIDS TO NAVIGATION

Pay more attention to the navigation equipment of river-craft. A. Legin, Rech. transp. 23 no. 8 43 J 1964.

Using a chart board for the choice of maneuver on the basis of radar data. L. Asvaturov, Mor. flot 20 no. 3 23-24 M 1966.

AIR—ANALYSIS

(see also subdivision under Uzbekistan)

Determination of the mass of H₂O, CO₂, and O₂ in different thicknesses of the atmosphere. V. A. Bazhenov, R. N. Ivanova, M. M. Miroshnikov, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 3 308-311 M 1966.

AIR—POLLUTION

Study of the harmful industrial exhausts in the atmosphere in the synthetic rubber plants in Voronezh and Yefremov. V. L. Lur'e, Kauch. i rez. 25 no. 3 38-37 1966.

AIR—PURIFICATION

Slusitskiy, V. N. [Purification of polluted air in metallurgy] Oshchistka zagi'aznennoi vozdukh v metallurgii. [Moskva] Metallurgiya, 1965. 170 p.

Using the method of induced ionization in removing dust from the air. N. D. Kiselev, A. P. Nilulina-Kiseleva, Mashinostroitel' no. 3 38-40 M 1966.

AIR, IONIZED—PHYSIOLOGICAL EFFECT

Effect of positive aeroclones on blood coagulation in rats. D. D. Otarova, Vest. LGU 21 no. 3 152-155 1966.

AIR BLADDER (IN FISHES)

Diseases of the carp air bladder. I. I. Cevkan, V. M. Ivashik, I. M. Kaipenko, Ryb. khoz. 42 no. 2 27-28 1966.

AIR COMPRESSORS—TESTING

Universal stand for testing compressors of construction machines. A. G. Eides, A. N. Rehter, Stroitel'stvo mash. 10 no. 11 34-35 N 1965.

AIR CONDITIONING see subdivision under Uzbekistan

AIR CONDITIONING—CONGRESSES

Vsesoyuznaya konferentsiya po elektrosnabzheniyu i konditsionirovaniyu vozdukh na transporte. [Electric power supply and air conditioning in transportation, conference materials] Energosnabzhenie i konditsionirovanie vozdukh na transporte, materialy konferentsii. Riga, Zinatne, 1965. 340 p.

AIR CONDITIONING—EQUIPMENT AND SUPPLIES

Use of epoxy resins in the manufacture of air conditioners. M. D. Mokhmudov, Khim. tekhn. 43 no. 2 48-50 F 1966.

AIR DEFENSES, MILITARY

Air defense of large units of surface ships. V. S. Sysoev, V. D. Smirnov, Mor. shor. 49 no. 3 32-38 M 1966.

In the battles for Soviet power. M. V. Ostapchuk, Vest. protivovozd. obr. no. 1 91-95 J 1966.

In the interests of strengthening discipline. A. V. Borovkov, Vest. protivovozd. obr. no. 10 8-11 O 1965.

Results of the competition. Vest. protivovozd. obr. no. 1 22 J 1966.

So that interchangeability in crews may be complete. E. O. Osipov, Vest. protivovozd. obr. no. 10 12-14 O 1965.

Target interception at low altitudes. G. A. Bogdanov, Vest. protivovozd. obr. no. 1 13-47 J 1966.

True to their country and party. I. Khalipov, Sov. Voin 48 no. 6 4-5 M 1966.

Under the banner of the Great October. Vest. protivovozd. obr. no. 10 3-7 O 1965.

AIR DEFENSES, MILITARY—ELECTRONIC EQUIPMENT

Instrument for evaluating the work of operators. A. I. Kiziletskiy, G. D. Bugaenko, Vest. protivovozd. obr. no. 1 61-82 J 1966.

AIR DEFENSES, MILITARY—EQUIPMENT AND SUPPLIES

The officer's responsibility for the good working order of equipment. E. V. Kuzin, Vest. protivovozd. obr. no. 1 59-61 J 1966.

AIR DEFENSES, MILITARY—STUDY AND TEACHING

Fight for seconds. V. S. Khododukhin, Vest. protivovozd. obr. no. 1 30-42 J 1966.

Give more attention to correspondence students. P. A. Rybkin, Vest. protivovozd. obr. no. 1 62 J 1966.

Increase in every possible way the role of sergeants in the training and education of personnel. A. I. Podolskiy, Vest. protivovozd. obr. no. 10 21-24 O 1965.

Learn from your elders. B. S. Teplov and others, Vest. protivovozd. obr. no. 10 15-20 O 1965.

Objective control at a command post. D. D. Smirnov, Vest. protivovozd. obr. no. 1 27-29 J 1966.

Organization of training using slides. V. M. Mikhalov, Vest. protivovozd. obr. no. 10 34-37 O 1965.

The proficiency rating and the mastery of allied specialties. P. V. Dianov, Vest. protivovozd. obr. no. 10 32-33 O 1965.

Reliable guards. V. A. Sudets, Sov. Voin. 47 no. 2 42-3 D 1965.

Together with all the people. N. V. Petukhov, Vest. protivovozd. obr. no. 1 10-15 J 1966.

Toward new successes in combat training. V. A. Sudets, Vest. protivovozd. obr. no. 1 3-9 J 1966.

Unrelenting attention to the quality of training. V. N. Samosonov, Vest. protivovozd. obr. no. 10 25-28 O 1965.

AIR ENGINES—PNEUMATIC DRIVE

Calculation of indicator diagrams and power characteristics of pneumatic piston engines. V. D. Zinevich, Izv. vuz. ucheb. zav. i gor. zhur. 5 no. 11 134-141 1962.

AIR FILTERS

Control of the dust content of air entering a turboblower. H. S. Suprunenko, M. A. Khilkevich, R. A. Ivanovskaya, Prom. energ. 20 no. 4 32-33 A 1965.

Efficiency of the performance of the first stage of the air cleaner of the LAZ-204 engine. L. A. Dem'yanov, Avt. prom. 32 no. 2 3-4 F 1966.

AIR FORCES see subdivision 'Air force' under Russia

AIR PILOTS see subdivision under Yakutia

AIR PILOTS—DISEASES AND HYGIENE

Significance of electrophysiological studies of respiration, excessive pressure for medical expertise on flying ability. N. A. Gol'din, S. F. Rucy, Voen.-med. zhur. no. 2 62-64 I 1966.

AIR PREHEATERS

Design of regenerative air preheaters of boiler system. V. M. Legbit, I. U. Koval', Izv. vuz. ucheb. zav., on 9 no. 3 51-56 M 1966.

Drying and firing blast furnace air preheaters. G. B. Boromilov and others, Metallurgiya 11 no. 2 10-1 F 1966.

Theory of fuel economy by air preheating. A. I. Evdo kimenko, TSvet. met. 39 no. 1 33-37 J 1966.

AIR PREHEATERS—DESIGN AND CONSTRUCTION

Bricklaying in the crown of an air preheater. E. V. Konev, L. M. Platygin, V. V. Dmitriyev, Ogneupory 31 no. 2 36-37 1966.

AIR PUMP

Assembling units of automobile, motorcycle and bicycle pumps by means of gluing. N. M. Kapustin, Sbo. trud. MVTU no. 2 87-98 1962.

AIR-SUPPORTED STRUCTURES

Air-supported cupolas. L. L. Lur'tin, Trudy TSNIIPromdani no. 1 101-112 1964.

Flying structures. L. Ionov, NTO 8 no. 3 31-34 M 1966.

AIR WARFARE

Rocket plane delivers a blow. F. Vavlin, Avt. kosm. 14 no. 5 39-42 1962.

AIRPET'YANTS, ERVAND SHAMIROVICH, 1906-

Ervand Shamirovich Airpet'yants, on his 60th birthday. Vest. LGU 21 no. 3 170-172 1966.

AIRCRAFT—CONTROLS

Dobonayov, O. E., and I. I. Kirilenko. [Fundamentals of automatic control, automatic devices and control systems for aircraft] Osnovy avtomaticheskogo regulirovaniya, avtomaty i sistemy upravleniya letatel'nykh apparatov. Moskva, Mashinostroyeniye, 1965. 450 p.

AIRGLOW

Discovery of twilight airglow. G. V. Rozenberg, Priro. 55 no. 3 20-37 1966.

AIRLINES—TERMINALS

New decisions affecting size and layout of airports and air terminals of local airlines. I. U. Evrolov, Str. i arkhitekt. (sbornik) no. 2 45-64 1965.

AIRPLANES—DESIGN AND CONSTRUCTION

Design of an airplane body in the wing center section in case of an unsymmetrical bending. L. A. Malashenko, Samoletostroi. i tekhn. otd. flota no. 3 10-52 1965.

AIRPLANES—DYNAMICS

Intensive rotation conditions of a delta-wing airplane. V. Mel'nikov, Avt. kosm. no. 1 67-72 M 1966.

AIRPLANES—ENGINES

The ASH-62M engine for the An-2M airplane. B. Chev. Grazhd. av. 23 no. 4 10 A 1966.

[Aircraft and rocket engines] Ref. zhur.; Av. i rak. etn. dvtg. no. 2 F 1966.

Use of electric beam welding in the production of gear for airplane engines. N. P. Butkovich, P. E. Rot, R. Pundl. Avtom. svar. 19 no. 2 41-46 F 1965.

AIRPLANES—EQUIPMENT AND SUPPLIES

Theory of dimensionalities used in the technical operation of aviation equipment. V. N. Sukharatkov, Samoletostroi. i tekhn. otd. flota no. 3 97-101 1965.

AIRPLANES—FUEL

So that fuel may be clean. V. N. Zolov, K. V. Rybak, Vest. protivovozd. obr. no. 1 83-84 J 1966.

AIRPLANES—LANDING

Twenty minutes of a flight. A. Dubovitskiy, Grazhd. av. 23 no. 4 22-23 A 1965.

AIRPLANES—LUBRICATION

Obtaining and testing the MIC-22 aviation lubricant made of a mixture of the Kazakhskiy petroleum from the upper horizon and high-grade Surakhany petroleum. R. Sh. Kutiev and others, Azerb. neft. khoz. 45 no. 1 30 J 1966.

AIRPLANES—MAINTENANCE AND REPAIR

Eliminating outages of special machines. V. N. Filimonov, Vest. protivovozd. obr. no. 1 83-84 J 1966.

AIRPLANES—MODELS

(see also subdivision under Tomme, Estonia; Riga)
Aid to the airplane model builder. Kryl, 10d. 17 no. 4: insert 1-8 Ap '66
Misfortunes of mailing airplane-modeling materials. Kryl, 10d. 17 no. 3:29-30 Mh '66.

AIRPLANES—NOISE

Some results of the study of noise created in an area by the flight of the AN-24 airplane. B. N. Mol'nikov, V. S. Okorokov. Samoletostroitel' tekhn. vozd. flota no. 1:17-20 '65.
Your health. Organ of hearing and noise. V. Volgin. Av. i kosm. no. 4:59-61 Ap '66

AIRPLANES—RADIATORS

Deposit accumulation in fuel-cooled oil radiators of jet engines. V. N. Zrelov, N. I. Marichenko. Nefteper. i neftekhim. no. 11:7-10 '65.

AIRPLANES—TAKEOFF

Calculating the takeoff distance of an airplane. G. A. Malina, N. D. Glovatskaya. Samoletostroitel' tekhn. vozd. flota no. 3:20-20 '65

AIRPLANES—TURBOJET ENGINES

see subdivision under Great Britain; United States

AIRPLANES, MILITARY—BRAKES

Checking the automatic brake arrangement. V. N. Filimonov. Vest. protivovozd. obor. no. 10:67 O '65.

AIRPLANES, MILITARY—ELECTRONIC EQUIPMENT

Automatic device for preventing yawing vibrations. A. K. Iashnikov, A. Ugaiyev. Av. i kosm. 44 no. 1:52-55 '62.

AIRPLANES, MILITARY—INSPECTION

For efficient control of the preparation of aviation equipment. V. A. Gordoov. Vest. protivovozd. obor. no. 10: 46-49 O '65.

AIRPLANES, MILITARY—LANDING

The best landing. N. Shibanov. Av. i kosm. 44 no. 1:37-42 '62.
In the interests of the landing officer. A. Samgorodetskiy. Av. i kosm. 44 no. 1:82 '62.
Initiative of maneuvering in landing belongs to the pilot. A. Urlikh. Av. i kosm. 44 no. 1:81 '62.
Prelanding maneuvering and flight safety. K. Talurskiy, S. Drozdov. Av. i kosm. no. 3:58-62 Mr '60.

AIRPLANES, MILITARY—MAINTENANCE AND REPAIR

Analysis and account of nonoperations of aviation equipment. S. V. Stepanov. Vest. protivovozd. obor. no. 10: 52-54 O '65.
Checking the bomb sight. N. Lupandin. Av. i kosm. 45 no. 12:60-61 '62.
Continuous preparation of airplanes for flight. N. Zhuk and others. Av. i kosm. 45 no. 12:67-72 '62.
Maintenance company at a field aerodrome. V. D'lyachuk, L. Zhuravlev, N. Kon'kov. Av. i kosm. 44 no. 5:59-66 '62.
Planning in repair shops. V. Pushkin. Av. i kosm. no. 3: 83-86 Mr '60.
Responsibility, skill, class. V. Stetskiy. Av. i kosm. 44 no. 5:67-71 '62.

AIRPLANES, MILITARY—PILOTING

A heavy airplane at a low altitude. I. Lobachev, B. Pastrov. Av. i kosm. no. 3:63-60 Mr '60.
Isobaric determination of the angle of drift. A. Omorokov. Av. i kosm. 44 no. 1:83 '62.
Maneuver at a low altitude. I. Shinkarenko, V. Sokolov, V. Kovalov. Av. i kosm. 44 no. 1:43-61 '62.
Under complicated conditions. V. Nedel'kin. Av. i kosm. 45 no. 12:64-66 '62.
Using orthodromic techniques in a long-range flight. F. Timanov. Av. i kosm. no. 4:62 Ap '66.

AIRPLANES, MILITARY—ROCKET ENGINES

With the first rocket airplane. V. Pyshnov. Av. i kosm. 44 no. 5:70-79 '62.

AIRPLANES, MILITARY—ROCKET LAUNCHERS

Rockets are launched from an airplane. A. Ponomarev. Kryl, 10d. 17 no. 3:23-24 Mr '60.

AIRPORTS—DESIGN AND CONSTRUCTION

New decisions affecting size and layout of airports and air terminals of local airlines. I. N. Evreinov. Stroi. i arkhit. [zhurnik] no. 2:45-54 '65.

AIRPORTS—EQUIPMENT AND SUPPLIES

Eliminating outages of special machines. V. N. Filimonov. Vest. protivovozd. obor. no. 1:63-66 Ja '66.

AIRPORTS—FINANCE

Construction of small airports. V. Kalayev. Grazhd. av. 23 no. 4:28-29 Ap '66.

AIRPORTS—RADAR EQUIPMENT

Altitude eye of the airport. Grazhd. av. 23 no. 4:21-24 Ap '66

AIRPORTS—RUNWAYS

Marking of a runway. A. Borodach. Grazhd. av. 23 no. 4: 22-23 Ap '66

AIRSHIPS

Reactivation of airships. NTO 8 no. 2:1, 36-39 F '66.

AIRSPACE (INTERNATIONAL LAW)

Legal regime of airspace and aircraft. V. I. Pilyayn. Sov. gos. i pravo 30 no. 1:51 Ap '66

AKHTALA REGION (ARMENIA)—PORPHYRY

Conditions governing the occurrence and age of quartzite porphyries in the Akhtala deposit. S. A. Zograbian. Izv. AN Arm. SSR. Nauki o zem. 18 no. 6:26-31 '65.

AKHUNDOV, MIRZA FATAH

see Almond-Zade, Feth Ali, 1812-1878

AKILINA, MARIA IVANOVNA, 1917-

Let people know about her. Marina Chachnava. Sov. voyn 47 no. 22:22-26 N '65.

AKMOLINSK PROVINCE

see Tselinograd Province

AKTAU, MOUNT (KAZAKHISTAN)—CLAY

A new type of ore of agricultural importance. N. M. Ivkin, V. A. Sokolov. Vest. AN Kazakh. SSR 22 no. 2:40-43 F '66.

AKTEPE HYDROELECTRIC POWER STATION—DAMS

Investigations of aerated flow on the spillway chute of the dam of the Aktepe Hydroelectric Power Station. O. F. Vasil'ev and others. Izv. VNIIG 78:340-349 '65.

AKTYUBENSK—IRON AND STEEL PLANTS—CURRENT SUPPLY

Price of a kilowatt. G. Sidorov. Nar. khoz. Kazakh. 24 no. 2:18-11 F '66.

AKTYUBENSK PROVINCE—SOLONCHETZ SOILS

Calcareous Solonchets soils in the Chestnut soil zone of Aktyubinsk Province. L. A. Kivonov. Vest. sel'khoz. nauki [Kazakh] 0 no. 2:11-19 F '66.

ALANINE

Cyclically alkoxy- and hydroxy amino acids. Part 3: Synthesis of β -(5-(di(2-chloroethyl) amino)-2-(carboxymethoxy) phenyl)- α -D,L-alanine. J. Degutis, I. Straukas. Zhur. ob. khim. 36 no. 2:224-228 F '66.
Optical isomerism of dialkyl ester of 2,5-di(N- β -phenyl- α -alanino)-3,6-difluoro-1,4-benzoquinone. V. S. Martynov, A. N. Mekarova, A. I. A. Berlin. Zhur. ob. khim. 36 no. 3: 414-416 Mr '66.

Synthesis and properties of thymidyl-1-(P+N)-phenylalanines. V. A. Bakanova, Z. A. Shabarova, M. A. Prokof'ev. Khim. prirod. soed. 2 no. 1:36-30 '66.

ALATAU, KUZNETSK

see Kuznetsk Alatau

ALATAU, ZAILIYSKIY

see Trans-Ili Alatau

ALAVERTI DISTRICT—PETROLOGY

Genesis of plagiogranites and ironjaspers as revealed by a study made in Alaverti District. Izv. AN Arm. SSR. Nauki o zem. 18 no. 6:32-41 '65.

ALBEDO

Spectral albedo of natural underlying surfaces. K. I. A. Kondrat'ev, Z. F. Mironova, A. N. Otto. Pribl. fiz. atm. no. 3:24-47 '65.

ALBOMYCIN

Structure of albomycin. Part 10: Synthesis of tripeptides L- and D-serine and L-oranithine with different order of alternation of amino acids. N. A. Poddubnaya, A. Khmed M. el'Naggar, L. A. Litvinskaya. Zhur. ob. khim. 36 no. 2:210-224 F '66.

ALCALIGENES FAECALIS—CULTURES AND CULTURE MEDIA

Effect of tryptophan on the formation of penicillin acylase in *Bacterium faecalis* alcaligenes No. 413. V. A. Goloviseva, M. M. Levitov. Mikrobiologiya 34 no. 6:978-982 N-D '65.

ALCHEVSKI, VASILII

Vasilii Alchevskii. I. Shumskaya. Teatr 27 no. 2:67-70 F '66.

ALCOHOL

Esters of petroleum naphthenic acids with mono- and polyatomic alcohols and phenols. A. G. Ismailov, S. D. Mekhizov, B. A. Salimova. Izv. vys. ucheb. zav. i nauch. i issled. 10 no. 1:59-62 '66.

Use of gas chromatography in determining alcohol content in grape juice. B. V. Lipskiy and others. Kons. i ov. prom. 21 no. 4:29-30 Ap '66.

ALCOHOL—PHYSIOLOGICAL EFFECT

Treatment of some diseases of the locomotor apparatus with alcohol and novocaine blocks. A. F. Kondrat'uk. Voen. med. zhur. no. 2:80-82 F '66

ALCOHOLATES

Reactions of alkoxy-containing diaryl carbimolates with esters. M. N. Rybakova. Zhur. org. khim. 2 no. 3:470-473 Mr '66.

ALCOHOLISM

The court of conscience. V. Voinarovskii. Mol. komm. no. 1:87-88 Ja '65.

Structure of alcoholic paranoias. S. M. Moeser. Zhur. nevro. i psikh. 66 no. 3:428-432 '66

Study of disrupted correlations between cortical activity and some vegetative functions in alcoholism according to data on ECG, pneumography, and electrodermography. N. I. Bakina. Zhur. nevro. i psikh. 66 no. 3:108-117 '66

ALCOHOLS

Antiradiation effect of inert gases and low molecular narcotics. Report No. 5: Protective effect of lower monohydric alcohols following X-ray irradiation of bean seedlings. V. P. Paribor, E. L. Genter. Radiobiologiya 6 no. 1:97-100 '66.

Application of capillary chromatography in the analysis of fatty alcohols. I. M. Stetschikov, N. I. Vasil'ev. Masl. i shli. prom. 11 no. 1:20-22 Ja '65.

Catalytic hydrogenation of oxygen-containing compounds using nitrogen-hydrogen mixture under 250 atm. A. M. Loktev, N. I. Neftekhim. no. 11:21-24 '65.

Characteristics of interaction between tridecyl ammonium salts and molecules of aliphatic alcohols. A. A. Lipovskii, T. A. Dem'yanova. Radiokhimiya 6 no. 1:112-114 '66.

Derivatives of polyhydric alcohols. Part 2: Composition of high-boiling by-products of trimethylolpropane synthesis. S. Z. Kaplan and others. Zhur. org. khim. 2 no. 3:426-428 Mr '66.

Economic efficiency of the production of fatty alcohols by direct oxidation of paraffins. I. M. Tsvetkov, D. M. Bolshakovskii. Masl. i shli. prom. 12 no. 1:20-32 Ja '66.

Esterification alkyl- and arylalcohols by monoatomic alcohols. B. D. Chumakovskii, V. S. Gannat'ova, G. Kh. Kamal, Izv. vys. ucheb. zav. i nauch. i issled. 10 no. 1:659-662 '65.

Hydrogenation of dimethylethynylcarbinol over palladium catalysts on carriers. D. V. Sokol'skii, N. A. Gogol'. Dokl. AN SSSR 166 no. 5:110-112 F '66.

Individual composition of a mixture of C₃-C₆ alcohols contained in the products of synthesis from CO and H₂ over a reduced iron catalyst. I. U. I. Kagan and others. Neftekhimiya 5 no. 4:336-343 M-Ag '65.

Influence of primary alcohol admixtures on the rate of water evaporation through single layers of hexamethylenediamine. T. V. Krmolova, R. K. Pogodaev, N. A. Azatova. Koll. zhur. 28 no. 1:83-87 Ja-F '66

Interaction of nitro compounds with aliphatic alcohols in the presence of aluminum oxide. N. S. Kozlov, V. Sh. Pasternak. Zhur. org. khim. 2 no. 3:401-403 Mr '66.

Reaction of sodium aluminum hydride with alcohols. L. I. Zakhar'kin, D. N. Maslin, V. V. Gavrilenko. Zhur. ob. khim. 36 no. 2:200-204 F '66.

Synthesis and pyrolysis of acetates and carbinolacetates of secondary unsaturated alcohols of the Δ^3 -cyclohexene series. G. P. Kugatova-Shemskina, D. A. Kazanskaya. Izv. AN SSSR. Sci. khim. no. 2:293-302 '66.

Synthesis and transformation of unsaturated organosilicon compounds. Part 28: Synthesis and transformations of some monohydric organosilicon ethylene alcohols. I. A. Shikhov, I. A. Aslanov, S. Sh. Verdina. Zhur. ob. khim. 36 no. 2:355-357 F '66.

Synthesis and transformations of unsaturated organosilicon compounds. Part 27: Synthesis of branched organosilicon diacetylenic alcohols. I. A. Shikhov, S. A. Rzaeva, B. M. Guseinova. Zhur. ob. khim. 36 no. 2: 352-354 F '66.

ALDAN DISTRICT—GEOCHEMICAL PROSPECTING

Hydrogeochemical method of prospecting for gold in the Aldan District. O. V. Sal'e. Zap. LGI 48 no. 2:77-80 '65.

ALDAN DISTRICT—GOLD ORES

Hydrogeochemical method of prospecting for gold in the Aldan District. O. V. Sal'e. Zap. LGI 48 no. 2:77-80 '65.

ALDAN PLATEAU—CHLORITE

Chlorites of the Yudoma series in the northeastern part of the Aldan anticline. V. A. Sysoev. Dokl. AN SSSR 166 no. 4:931-934 F '66.

ALDAN PLATEAU—GOLD ORES

Solubility of gold from the ores of the Kurannakh deposit in the Aldan. V. P. Borovitskiy, V. N. Sheminkin. Zap. LGI 48 no. 2:69-70 '66.

ALDAN PLATEAU—ROCKS—THERMAL PROPERTIES

Relationship of temperature degradation spaces in some rocks of the Aldan. L. S. Puzanov, L. P. Kudakova. Zap. Vses. min. ob-va 66 no. 1:88-94 '66.

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ALDAN VALLEY—STONE AGE

The early Neolithic period in the Aldan Valley. I. U. A. Mochanov. Sov. Arkheol. 10 no. 2:126-136 '66.

ALDEHYDES

Activity of the methyl group of 1-methyl-3, 4-dihydroisoquinoline. Part I. Condensation of 1-methyl-3, 4-dihydroisoquinoline with aldehydes. S. G. Agabekov, L. A. Nerseyan. Izv. AN Arm. SSR, Khim. nauki 17 no. 5:562-566 '64.

Condensation of D-glycerol aldehyde with phosphoranes. I. U. A. Zhdanov and others. Zhur. org. khim. 3b no. 3: 192-191 Mi '66.

Condensation of trihalomethylalkyl sulfones with aldehydes. L. M. Agapov'ski, A. G. Panteleimonov. Zhur. org. khim. 3b no. 3:116-121 Mi '66.

Condensation of vinyl ethers with aldehydes of the Δ^3 - and Δ^4 -cyclohexene and cyclohexene series. G. P. Kugatova-Shemlakina, R. A. Poshkino. Zhur. org. khim. 2 no. 3:442-440 Mr '66.

Condensation with acetone of some alkoxy- and diene aldehydes of the cycloaliphatic series. G. P. Kugatova-Shemlakina, R. A. Poshkino. Zhur. org. khim. 2 no. 3: 447-452 Mr '66.

Enamines. Part 4. Azo coupling of enamines of propionaldehyde and butyraldehyde. V. I. Shvedov, L. B. Aitukhova, A. N. Grinev. Zhur. org. khim. 2 no. 3: 391-393 Mr '66.

Method of increasing the reactivity in the scales of heterocyclic compounds. O. V. Vladimirovskaya. Izv. AN Arm. SSR, 20 no. 1:3-5 '65.

Some conversions of compounds of the Δ^3 -cyclohexene series. G. P. Kugatova-Shemlakina, R. A. Poshkino, Z. B. Akhmedov. Zhur. org. khim. 2 no. 3:437-441 Mr '66.

ALDEHYDES—DIPOLE MOMENTS

Dipole moments and intramolecular hydrogen bonding. Part 1. V. I. Minkin and others. Zhur. fiz. khim. 40 no. 3:657-668 Mr '66.

ALDER see subdivision under Ukraine

ALDOLASE

Blood aldolase in diseases of the biliary tract and the pancreas. R. G. Ambatsunlian. Khirurgia 12 no. 3: 56-58 Mr '66.

Dynamics of the activity of serum aldolase in epidemic hepatitis A and B. V. D. Zhitar'. Trudy Kiev. gos. med. inst. 11:63-68 '61.

Effect of X rays and embol on the aldolase activity in the blood. V. O. Musilko. Ukr. biokhim. zhur. 38 no. 1:55-58 '66.

ALEKSANDROV, MIKHAIL STEPANOVICH, 1863-1933

Beginning of the literary criticism activities of M. S. Olshinnikov (Aleksandrov). E. N. Mikhail'ski. Zb. nauk. prats' asp. z. filol. Kyiv. un. no. 18:37-45 '63.

ALEKSENKO, GENNADIY VASIL'EVICH, 1906-

G. V. Alekseenko, on his 60th birthday. Elektrichesvo no. 4 93 Ap '66.

ALEXANDER I, 1777-1826

The "tsar-liberator" and his western biographers. F. S. Vilenkale. Ist. SSSR 1 no. 3:221-228 Ja-F '66.

ALEXANDER THE GREAT (ROMANCES, ETC.)

"Iskandarnama" by Ahmad in the collections of manuscripts in Leningrad. A. Kh. Murakshmetov. Khat. soob. Inst. nar. Az. no. 69:136-151 '65.

ALFALFA

Changes in the mobility of zinc during the decomposition of vegetable material under anaerobic conditions. A. N. Ilalaitshov, M. K. Kanatchikova. Vest. AN Kazakh. SSR 22 no. 2:60-63 F '66.

ALGAE

(see also subdivision under Black Sea; Danube Delta; Lenkoran District; Mianian Coast)

Accumulation of some chemical elements by freshwater algae. E. A. Gileva. Trudy Inst. biol. UFAN SSSR no. 45:51-51 '65.

Accumulation of strontium, yttrium and cerium radioisotopes by filamentous algae in the presence of EDTA and dissolved organic substance. N. N. Kimeleva, G. M. Lavrent'eva. Radiobiologiya 6 no. 1:117-121 '66.

Photosynthetic coefficient of Chlorella at various temperatures. M. V. Chulanovskaya. Bot. zhur. 51 no. 1:135-138 Ja '66.

Utilization of the wastes of fermentation enterprises for the growing of algae. Z. I. Asaul and others. Khar. prom. no. 1:15-17 Ja-F '66.

ALGAE—CULTURES AND CULTURE MEDIA

Determination of live and dead cells in cultures of protozoal algae. M. N. Pimenova, E. N. Zhdannikova, I. V. Maksimova. Mikrobiologiya 34 no. 6:1080-1085 N-D '65.

Evaluation of the productivity of strains of Chlorella in a liquid medium. F. N. Vaulina, I. D. Ankeeva. Biokhimiya, 9 no. 3:393-391 '61.

ALGAE—GENETIC RESEARCH

Combined action of X rays and streptomycin on the mutability of Chlorella. V. V. Fuganinov, V. Kuznetsov. Genetika no. 2:57-63 '66.

Some principles of genetics and selection in microorganisms as applied to Chlorella. K. V. Kvintov, I. A. Zakharov, V. I. Khropova. Genetika no. 2:110-111 '66.

ALGAE—MICROBIOLOGY

Some methods of purifying blue-green algae of contaminating bacteria. S. V. Gorunova, N. S. Oboevskaya, L. M. Gerasimenko. Mikrobiologiya 34 no. 6:1077-1078 N-D '65.

ALGAE, FOSSIL

Algae of the genus Dimorphosiphon. M. B. Gnilevskaya. Paleont. zhur. no. 1:118-123 '66.

ALGAE, FOSSIL—CONGRESSES

All-Union Paleontological Conference. V. S. Sheshukova. Porostvaya. Vest. LGU 21 no. 3:173-175 '66.

ALGAE AS FEED

(see also subdivision under Uzbekistan)

Chlorella as a biological stimulator of the growth of animals. I. F. Tkachev. Vest. sel'khoz. nauki 11 no. 3:81-86 Mr '66.

ALGAE AS FOOD

Dietetic and therapeutic properties of algae and mollusks. S. A. Vlashevskiy, Z. G. Palenichko. Spor. nauch. rab. vrachei Kar. ASSR no. 4:52-61 '62.

ALGEBRA

Establishing the truth of a special type of formulas in algebra. S. V. Pashchenikova. Trudy Vych. tsentra AN Azerb. SSR 3:10-13 '65.

ALGEBRA, ABSTRACT

Birkhoff's theorem. S. R. Kogalovskiy. Usp. mat. nauk 20 no. 3:206-207 S-O '65.

ALGEBRAIC FIELDS see Fields, Algebraic

ALGEBRAIC TOPOLOGY

Extension of reducible elements of a normed function algebra. E. A. Golim. Vest. Mosk. un. Ser. I. Mat., mekh. 21 no. 2:23-25 Mr-Apr '66.

Vietorisian cohomology objects with coefficients in pencils. G. D. Borishvili. Soob. AN Gruz. SSR 11 no. 1:18-25 Ja '66.

ALGERIA—MILITARY ASSISTANCE, RUSSIAN

Algeria isn't too far from our country. V. P. Iadko. Mol. komm. no. 1:23-26 Ja '65.

ALGIERS (CITY)—DESCRIPTION

The Day of the Algerian Capital. V. Li. Afr. seg. 9 no. 3:39-40 Mi '66.

ALGOPORITE

Russia (1923— U.S.S.R.) Ministerstvo geologii, [Koranzit i agloporite as building materials] Koranzit i agloporit kak stroitel'nyy material. Moskva, Nedra, 1966, 148 p.

ALGORITHMS

Algorithm for information control in automatic control systems. B. Del Rio, E. I. A. Dorokhov. Vest. TSNI MES 25 no. 2:159-67 '66.

An algorithm for solving the problem of the maze in a discrete field and its applications. G. G. Riabov. Dokl. AN SSSR 166 no. 5:1073-1075 F '66.

Algorithmization of the solution of problems bearing on harmony and harmonization analysis. R. Kh. Zaitov. Dokl. AN SSSR 166 no. 5:1069-1072 F '66.

Algorithms for deriving general solutions to systems of linear inequalities. V. G. Kuznetsov. Zhur. vych. mat. i mat. fiz. 6 no. 2:336-342 Mr-Apr '66.

Algorithms for evaluating a correlation formula. I. U. K. Postenko. Nauch. trudy SibVIM no. 2:89-100 '64.

Determining the optimum conditions of the recycling process. B. A. Aref'ev. Khim. prom. 41 no. 11:849-853 N '66.

Evaluation of the convergence rate of algorithms based on a method of potential functions. E. M. Braverman, E. S. Platinitski. Avtom. i telem. no. 1:95-112 '66.

Machine realization of Taraski's algorithm. N. M. Dzhabarova. Trudy Vych. tsentra AN Azerb. SSR 3:3-9 '65.

Minimization of the algorithm of petroleum refining control processes. L. A. Bulanovskiy, M. I. Shpunt. Neft. per. i neftekhim. no. 2:47-52 '66.

Transformation of a computing algorithm and the accuracy of the calculation. K. F. Shifonov, F. A. Tagiev. Trudy Vych. tsentra AN Azerb. SSR 3:17-19 '65.

Use of an M-20 in setting up an algorithm for solving the problem of the optimum utilization of production funds in carrying out several types of work. M. A. Iakovleva. Optim. plan. no. 1:62-118 '64.

ALIMENTARY CANAL—CANCER

Changes in iron metabolism in cancer of the alimentary canal before and after surgery. I. V. Chudnovskaya, E. A. Gullayev. Sov. med. 26 no. 1:111-116 Ja '66.

ALIMENTARY CANAL—DISEASES

Localized lymphogranulomatosis of the gastrointestinal tract. T. S. Polykovskiy, E. A. Iivshits. Spor. nauch. rab. vrachei Kar. ASSR no. 4:200-202 '62.

ALIMENTARY CANAL—HEMORRHOGE see Gastrointestinal hemorrhage

ALIMENTARY CANAL—MICROBIOLOGY

Effect of tetracycline on the microbial flora of the oral cavity and intestines of rats with experimental caries. T. M. Moskvina, S. A. Kurina, M. S. Golinskaya. Antibiotiki 11 no. 3:265-268 Mi '66.

ALIMENTARY CANAL—RADIOGRAPHY

Clinical X-ray diagnosis of the source of gastrointestinal hemorrhages of nonulcerative etiology. I. S. Ganadnikov, N. I. Tananyukin, A. A. Kuznetsov. Khirurgia 42 no. 3: 27-33 Mi '66.

Radiological aspect of late results of gastrectomy and subtotal resection of the stomach substituted by an isolated jejunal segment. P. N. Petrov, I. M. Ostrovskaya. Khirurgia 42 no. 3:115-118 Mi '66.

ALIMENTARY CANAL—SURGERY

Changes in iron metabolism in cancer of the alimentary canal before and after surgery. I. V. Chudnovskaya, E. A. Gullayev. Sov. med. 26 no. 1:111-116 Ja '66.

Selection of suturing devices and their combinations used in gastric and esophageal resection for cancer and peptic ulcer. V. I. Kukosh, I. U. V. Kleit'. Khirurgia 12 no. 3:13-17 Mi '66.

ALIPHATIC COMPOUNDS

Double photoisomerization of the dissociation of organic molecules at 77°K (ternary systems). V. V. Rylov, V. E. Kholmogorov, A. N. Terenin. Dokl. AN SSSR 166 no. 1:913-916 F '65.

ALKALI HALIDE CRYSTALS—DEFECTS

Microhardness of and defects in crystals of solid solutions of the alkali halide system KCl-KBr. M. N. Treiskina, L. F. Dolgikh. Izv. vyz. ucheb. zav. fiz. 9 no. 1:20-32 '66.

ALKALI METAL ACETATES

System consisting of lithium, sodium, and potassium acetates. E. I. Pochinkova. Zhur. neorg. khim. 10 no. 10: 2193-2198 O '65.

ALKALI METAL ALUMINOSILICATES

Comparative characteristics of sodium and potassium aluminosilicate hydrates formed in the dealumination of aluminate solutions. T. I. Avdeyeva, A. A. Novolodskaya. Zhur. prikl. khim. 39 no. 2:208-205 I '66.

ALKALI METAL BORATES

Study of the structure of glasses in the system B₂O₃-Na₂O by viscosimetry. S. V. Nemilov. Izv. AN SSSR Neorg. mat. 2 no. 2:349-350 F '66.

ALKALI METAL BROMIDES

Na, Cs, KBr system. I. I. Il'iasov. Zhur. neorg. khim. 10 no. 10:2324-2325 O '65.

ALKALI METAL CARBONATES

Potassium and cesium neptunyl tricarbonates. D. S. Gorbunov-Gel'manov, R. A. Zenkova. Zhur. neorg. khim. 11 no. 3:520-528 Mr '66.

Zarinov, G. Z. [Preparation and use of dry alkali carbonate reagents] Poluchenie i primeneniye sukhikh ugleshechelochnykh reagentov. Ufa, Bashkirskoe knizhnoe izd-vo, 1963, 48 p.

[MICROFILM]

ALKALI METAL CHLORIDES

Enthalpy of formation of alkali metal chlorochromites. S. A. Sheinukarcv and others. Zhur. neorg. khim. 11 no. 3:493-497 Mr '66.

Feasibility in the system calcium tungstate and Li, Na, K chlorides. S. I. Beilul, A. I. Kravkova. Zhur. neorg. khim. 10 no. 10:2320-2332 O '65.

Separation of lithium and sodium chlorides by the extraction method. E. M. Kuznetsova, G. M. Panchonkov, N. A. Krasova. Zhur. fiz. khim. 40 no. 3:683-691 Mr '66.

ALKALI METAL FLUORIDES

Complex formation of fused fluorides of rare-earth and alkali metals. G. A. Bukhalova, E. P. Babayeva. Zhur. neorg. khim. 11 no. 3:624-627 Mr '66.

ALKALI METAL HALIDE CRYSTALS

Formation of a low-melting layer responsible for starting contact fusion of alkali halide crystals. G. F. Valderov, V. I. Zlenko. Izv. vyz. ucheb. zav. fiz. 9 no. 1:140-153 '66.

ALKALI METAL HALIDES

Investigating the interaction of bismuth chloride and bromide with the corresponding potassium, rubidium, and cesium halides. V. I. Pilyuchev and others. *Izv. vyz. ucheb. zav. i nauch. issled. Ser. Khim. i fiz.* 1966, no. 1, 105-111.

ALKALI METAL IODIDES

System Na^+ , K^+ , Cs^+ , I^- . I. I. Pilyuchev, A. G. Brigman. *Zhur. neorg. khim.* 11 no. 3, 641-643. M. '66.

ALKALI METAL NITRATES

Systems Na^+ , K^+ , Rb^+ , NO_3^- and I^- , Br^- , Cs^+ , NO_3^- . G. G. Diogenov, I. I. Suvapukva. *Zhur. neorg. khim.* 10 no. 10, 2375-2376. O. '66.

ALKALI METAL PERMANGANATES, EFFECT OF RADIATION ON

Mechanism underlying the effect of preliminary irradiation on the thermal decomposition of alkali metal permanganates. V. V. Boldyrev and others. *Dokl. AN SSSR* 166 no. 4, 891-893. I. '66.

ALKALI METAL ZIRCONATES

Hexafluoroorthocates of alkali metals and ammonium. G. I. Topygina, I. B. Baisheva. *Zhur. neorg. khim.* 10 no. 10, 2251-2261. O. '66.

ALKALI METALS

Effect of alkaline and alkaline earth metal cations on the physical properties of a deuterated organic polymer. D. S. Voronov. *Fiziol. khim.* 52 no. 1, 22-28. Ja. '66.

Electromigration method for determining the constants of alkali metal ion association with a ferrocyanide ion. V. P. Shvedov, G. I. Nuhugovskii. *Radiofizika* 8 no. 1, 65-73. '66.

ALKALIES

Amides and ammonium compounds. Part 37: Synthesis and aqueous-alkaline cleavage of quaternary ammonium salts containing a 2-alkyl-3-chlorobuten-2-yl group. A. T. Babalan and others. *Zhur. org. khim.* 2 no. 3, 407-413. M. '66.

Catalytic action of alkaline siliceous solutions by calcined magnesite. G. G. Matfiosian, G. O. Gligorian, M. G. Manvelian. *Zhur. prikl. khim.* 39 no. 2, 266-270. M. '66.

Discoloration process in the benzylidene derivatives of 5-pyrazolone in the presence of alkalies. N. F. Turitsyna, V. S. Il'inskaya, I. I. Duzheva. *Zhur. org. khim.* 2 no. 3, 530-542. M. '66.

Mechanism of polymerization of α -oxides in the presence of bases. N. N. I. Shvedov, I. I. Baranov. *Vysokom. soed.* 8 no. 2, 198-203. F. '66.

ALKALINE EARTH COMPOUNDS—ELECTRIC PROPERTIES

Emission properties of the alkali earth metal hexaborides. S. V. I. Chukov. *Radioelektr. elektron.* 11 no. 4, 774-775. Ap. '66.

ALKALINE EARTH METAL ISOTOPES

Coprecipitation of radioactive isotopes of barium and strontium with lead sulfate. B. Tot, B. V. Gromov. *Radiofizika* 8 no. 1, 3-8. '66.

ALKALINE EARTH METALS—ANALYSIS

Complexometric determination of calcium and magnesium in mineral raw material without separating reagents. Z. I. Numeova, S. V. Numeov. *Izv. AN Kazakh. SSR. Ser. khim., matemat.* 11 no. 4, 20-21. O-D. '64.

ALKALINE EARTH SALTS

Electromigration method of determining the constants of association of alkaline earth ions with a ferrocyanide ion. G. F. Nuhugovskii, V. P. Shvedov. *Radiofizika* 8 no. 1, 118-120. '66.

ALKALINE EARTH TUNGSTATES—THERMODYNAMICS

Thermodynamic properties of barium and calcium tungstates. T. N. Rezuchina, V. A. Levitskii, M. I. Finkel'. *Izv. AN SSSR. Neorg. mat.* 2 no. 2, 325-331. F. '66.

ALKALOIDS

Alkaloids from Vinca major. Part 5: Pabescens and V. Rosea. Constitution of majidine. N. Abdurakhimova, P. Kh. Iuldashev, S. I. Iumsov. *Khim. prirod. soed.* no. 3, 224-225. '66.

Amperometric titration of morphine group alkaloids on a mercury drop electrode. V. I. Yengirova. *Izv. vyz. ucheb. zav. i nauch. issled. Ser. Khim. i fiz.* 1966, no. 1, 103-1031. '66.

Carex brevifolia, a medicinal plant used in experimental medicine. D. S. Ivashyn. *Farmats. zhur.* 20 no. 4, 44-46. '65.

Constitution of thalimine. S. Kh. Maekhs, S. I. Iumsov. *Khim. prirod. soed.* no. 3, 188-194. '65.

Derivatives of indole. Part 14: Analogs of hortiamine. A. G. Terzian and others. *Izv. AN Arm. SSR. Khim. nauki* 17 no. 5, 567-572. '64.

Effect of soil drought and increased temperature on the accumulation of glycoalkaloids and soluble sugars in nightshade. N. M. Iumsov, S. M. Aslanov. *Izv. AN Azerb. SSR. Ser. biol. nauk* no. 5, 10-15. '65.

Hofmann degradation of aloperine, an alkaloid from sophora alopecuroides (Leguminosae). V. K. Rykhova, N. I. Piskunina. *Khim. prirod. soed.* no. 3, 181-188. '65.

Isolation of alkaloids from Maritonia ugandensis. M. Pop, A. S. Romanova, A. I. Brikvskii. *Khim. prirod. soed.* no. 3, 226-227. '65.

ALKENES see Olefins

ALKYL RESINS

Paint materials with a base of carhamid, alkyl resins. T. V. Orshchikova, N. I. Pilyuchikov, R. V. Gubenko. *Khim. prirod. soed.* no. 1, 18-20. '66.

Studying the continuous acetone film method of polyesterification in the synthesis of alkyl resins. L. N. Luchanskii, N. I. Gellerman. *Khim. prirod. soed.* no. 1, 59-63. '66.

ALKYL GROUPS

Catalytic dealkylation of triethylbenzenes. G. N. Mikhlinskii and others. *Neftokhimiya* 5 no. 3, 228-231. M. '66.

Dealkylation of n-amylenes on an aluminosilicate catalyst. Ch. Dzhirnov, R. Pelova. *Kim. i kat.* 7 no. 1, 118-119. Ja. '66.

Effect of catalysts on the hydrodealkylation of triethylphenylbenzenes. A. A. Kichko, L. S. Sovetova. *Zhur. prikl. khim.* 38 no. 2, 182-171. F. '66.

Homogeneous dealkylation of 2-isopropylphenylbenzene. A. I. Gavrilova, M. G. Konigberg, R. A. Komarova. *Neftokhimiya* 5 no. 3, 222-227. M. '66.

Kinetics of recombination and disproportionation of alkyl radicals. A. D. Stepanovich, V. A. Ustakli. *Usp. khim.* 35 no. 3, 467-507. M. '66.

Mechanism of homogeneous dealkylation of alkylphenylbenzenes. M. G. Konigberg, A. I. Gavrilova, R. A. Komarova. *Neftokhimiya* 5 no. 4, 189-192. M. '66.

ALKYL HALIDES

Dual reactivity of sodium acetoacetic ester and sodium acetylacetonate during alkylation by alkyl halides. S. T. Ioffe and others. *Zhur. org. khim.* 2 no. 3, 381-385. M. '66.

Radiol interaction of ethylene and tetrafluoroethylene with isopropyl halides. I. B. Afanas'ev, E. D. Safronenko, V. I. Katsobashvili. *Zhur. org. khim.* 2 no. 3, 423-426. M. '66.

ALKYL IODIDES

Effect of alkyl substituents on the reactivity of alkyl iodides in toluene with ethylene. V. I. Katsobashvili, E. D. Safronenko, I. B. Afanas'ev. *Vysokom. soed.* 8 no. 2, 282-286. F. '66.

Reactions of arylmethyltriphenylphosphoranes with alkyl iodides. A. A. Gligorenko, M. I. Shevchuk, V. V. Dombrovskii. *Zhur. ob. khim.* 16 no. 3, 506-512. M. '66.

ALKYLATION

Alkylation of anthracene in the presence of zinc chloride. L. A. Romanov. *Shim. nauch. tab. Volg. gos. ped. inst.* no. 1, 23-30. '64.

Alkylation of 1-dechlorobenzene in an alcohol medium. L. I. Zakharkin, N. A. Ogorodnikova. *Izv. AN SSSR. Ser. khim.* no. 2, 316-318. '66.

Catalytic effect of anion-exchange resins in alkylation reaction. O. N. Tsvetkov and others. *Dokl. AN SSSR* 167 no. 1, 115-116. M. '66.

Catalytic synthesis of 6-isopropyltetralin by alkylation of tetralin with propyl alcohols and propylene. N. I. Shulkin, N. A. Izmailov, T. P. Dobrylina. *Neftokhimiya* 5 no. 4, 406-408. M. '66.

Derivatives of p-tert-butylbenzoic sulfonic acid. S. I. Bunimov, O. S. Kashtan, L. G. Romanovskaya. *Izv. vyz. ucheb. zav. i nauch. issled. Ser. Khim. i fiz.* 1966, no. 6, 1031-1035. '66.

Equations for the kinetics of toluene alkylation by ethylene on an aluminosilicate catalyst at atmospheric pressure. G. M. Panchenko, I. M. Kolesnikov, E. A. Morozov. *Zhur. fiz. khim.* 40 no. 3, 528-530. M. '66.

Kinetics of alkylation of isopropylbenzene by propylene on an aluminosilicate catalyst at atmospheric pressure. I. M. Kolesnikov, G. M. Panchenko, E. A. Morozov. *Zhur. prikl. khim.* 39 no. 2, 415-423. F. '66.

Mechanism of the inactivation of phage particle by alkylating substances. I. K. Fomichev. *Dokl. AN SSSR* 10 no. 1, 53-55. Ja. '66.

ALLERGY

Arutunov, V. I., and P. I. Golovina. [Allergic vasculitis of the skin] *Allergicheskie vaskulit. kozh.* Moskva, Meditsina, 1966, 177 p.

Effect of anabolic hormones on the manifestation of allergy and autoallergy in children with rheumatic fever. E. A. Nadezhdina, O. M. Kuljabko, E. I. Monastirskaya. *Sov. med.* 29 no. 1, 26-30. Ja. '66.

Manifestation of allergic reactions to echinococcal allergen in various parts of the body of cattle. V. A. Dorovskii. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 2, 68-72. F. '66.

ALLUM see subdivision under Caucasus

ALLOXAN—TOXICOLOGY

Effect of methylglutamic acid on the resistance of animals to the toxic activity of alloxan. G. P. Smirnov, G. A. Volnov, I. K. Gorbunova. *Farm. fak.* 27 no. 5, 735-736. N-D. '61.

ALLOYS—HARDENING

Age-hardening alloys for hard facing. M. M. Neizidenko. *Avtom. svart.* 18 no. 2, 18-51. F. '65.

ALLOYS—HEAT TREATMENT

Processes and activation energy of ordering ternary alloys on the basis of Ni_3Fe . N. A. Komova, A. D. Korotayev, M. A. Bol'shanina. *Izv. vyz. ucheb. zav. i nauch. issled. Ser. Khim. i fiz.* 1966, no. 1, 151-162. '66.

ALLOYS—METALLOGRAPHY

Selective isolation of metal compounds from multicomponent ternary alloys. R. B. Golubtsov. *Izv. AN SSSR. Met.* no. 1, 136-138. Ja. '66.

ALLOYS—TESTING

Wear resistance to abrasive friction of some light alloys. L. I. Maleev. *Vest. mashinost.* 16 no. 3, 22. M. '66.

ALLOYS—THERMODYNAMICS

Determining the isotherm of solubility in ternary systems by the thermodynamic properties of binary alloys. B. P. Bulychev. *Izv. vyz. ucheb. zav. i nauch. issled. Ser. Khim. i fiz.* 1966, no. 6, 910-914. '66.

ALL-UNION COMMUNIST PARTY (BOLSHIEV) see Communist Party of the Soviet Union

ALLUVIAL PLAINS see subdivision under Ob' River

ALLUVIUM

(see also subdivision under Brahmaputra Valley; Indus Valley, Irva Valley, Volga Valley)

Average hydraulic thickness of alluvium. I. U. Alad-Zade, F. M. Shklyev. *Izv. AN Azerb. SSR. Ser. gos. gos. nauk* no. 5, 125-131. '65.

Evaluation of silt and inhomogeneity of fluvial sediments based on withdrawal data. F. M. Bocherov, M. M. Gyliev. *Razved. i okh. nedr.* 12 no. 2, 44-46. F. '66.

Probability method of calculating bed load discharge. E. T. Dzhibashian. *Izv. VNIIG* 78, 171-183. '66.

Same variety of alluvial placers. E. V. Gorkunov, Razved. i okh. nedr. 32 no. 1, 5-10. Ja. '66.

ALLYL ALCOHOL

Reaction of cyclanes with allyl alcohol initiated by di-tert-butyl peroxide. L. Kh. Fiedlin, N. M. Nazareva, D. L. Badalova. *Neftokhimiya* 5 no. 1, 55-57. M. '66.

ALLYL ALCOHOL, EFFECT OF RADIATION ON

Kinetics of radiation-induced allyl polymerization. I. M. Z. S. A. Dolmatov, L. S. Polak. *Kim. i kat.* 7 no. 1, 27-32. Ja. '66.

ALLYL GROUP

Allylation of phenols and phenol ethers. Part 3: Use of monovalent copper compounds in the allylation of phenols. S. G. Mel'nikovskaya. *Zhur. org. khim.* 2 no. 3, 567-570. M. '66.

Derivatives of phosphinic and phosphonic acids. Part 3: Reactions of addition, rearrangement, and oxidation of phosphonic acid esters with allyl radicals. B. G. Lidorov, A. I. Baranov. *Zhur. ob. khim.* 39 no. 2, 314-319. F. '66.

ALMA-ATA—ACANTHOPHYLLUM

Development of the root system of Acanthophyllum gymnocephaloides Tgl. in culture. S. B. Bespov. *Bot. zhur.* 51 no. 1, 132-134. Ja. '66.

ALMA-ATA—CLOTHING INDUSTRY—MANAGEMENT

Your hand, Comrade collective G. Petusev. *Sov. prisluzhy* 22 no. 5, 4-6. M. '66.

ALMA-ATA—INDUSTRIAL EQUIPMENT—DESIGN AND CONSTRUCTION

Designers' potentialities. *Nar. khoz. Kazakh.* 24 no. 2, 12. F. '66.

ALMA-ATA—MACHINERY INDUSTRY—MANAGEMENT

The new system of planning and our potentialities. S. Privman. *Nar. khoz. Kazakh.* 24 no. 2, 58-59. F. '66.

ALMA-ATA—SKIN—DISEASES

Seasonal variations of pyoderma and staphylococcal flora of the normal skin in Alma-Ata. G. K. Rakhimova. *Vest. dermat. ven.* no. 6, 5-11. '65.

ALMA-ATA—STAPHYLOCOCCAL DISEASE

Seasonal variations of pyoderma and staphylococcal flora of the normal skin in Alma-Ata. G. K. Rakhimova. *Vest. dermat. ven.* no. 6, 5-11. '65.

ALMA-ATA—TRANSPORTATION, AUTOMOTIVE—MANAGEMENT

Advantages of a consolidation are incontestable. K. Mizambekov. *Avt. transp.* 44 no. 2, 35. F. '66.

ALMA-ATA—SUGAR INDUSTRY

Results of the work of the Alma-Ata Factory during the seven-year plan period. A. N. Kaufman. Sakh. prom. 40 no. 4 14-18 Ap '66.

ALMA-ATA PROVINCE—ARGALI

Some data on general immunological reactivity of argali Merino sheep of Kazakhstan. O. A. Prokav'ina, E. N. Nauryzbaev. Izv. AN Kazakh. SSR, Ser. biol. nauk 1 no. 1: 75-78 Ja-F '66.

ALMA-ATA PROVINCE—GREEN MANURING

Winter green-manure crops in vegetable gardening of Alma-Ata Province. I. I. Umbetalleva. Izv. AN Kazakh. SSR, Ser. biol. nauk 1 no. 1: 50-52 Ja-F '66.

ALMA-ATA PROVINCE—LAMBS

Meat quality of crossbred lambs raised in Alma-Ata Province. K. M. Razonov, N. G. Lebedeva. Izv. AN Kazakh. SSR, Ser. biol. nauk 1 no. 1: 71-74 Ja-F '66.

ALMA-ATA PROVINCE—SHEEP BREEDING

Meat quality of crossbred lambs raised in Alma-Ata Province. K. M. Razonov, N. G. Lebedeva. Izv. AN Kazakh. SSR, Ser. biol. nauk 1 no. 1: 71-74 Ja-F '66.

ALMA-ATA PROVINCE—TOBACCO INDUSTRY

On tobacco estate delivery dates. N. Lezhanin. Zakup. sel'hoz. prod. no. 7: 33 Ji '66.

ALMA-ATA PROVINCE—TOMATOES—FERTILIZERS AND MANURES

Winter green-manure crops in vegetable gardening of Alma-Ata Province. I. I. Umbetalleva. Izv. AN Kazakh. SSR, Ser. biol. nauk 1 no. 1: 50-52 Ja-F '66.

ALMA-ATA REGION—BOTANY, MEDICAL

Cultivation of new medicinal plants. G. S. Sinitin, I. I. Vasil'ev. Vest. AN Kazakh. SSR 22 no. 2: 83-85 P '66.

ALMOND

Nature of Feulgen-positive granules in the nuclei of cells of almond meristem. R. A. Abdushukurova. Dokl. AN Tadzh. SSR 9 no. 1: 39-43 '66.

ALOE—THERAPEUTIC USE

Results of using an ointment containing biostimulating aloe juice. I. U. K. Skripkin, G. I. A. Sharanova. Vest. derm. i ven. no. 6: 74-75 '65.

ALPHA RAYS—DECAY

Systematization of the energies of nuclear α -decay and α -stability. N. N. Kolesnikov, A. P. Krylova. Izv. vys. ucheb. zav., fiz. 9 no. 1: 183-186 '66.

ALPHA RAYS—PHYSIOLOGICAL EFFECT

Interrelationship between the growth intensity of a cell culture in vitro and the dose of external α -irradiation. A. A. Mikhailova, A. S. Popov, L. N. Sekamova. Radiobiologiya 6 no. 1: 153-154 '66.

ALPHA RAYS—SCATTERING

Optical model for analyzing alpha particle elastic scattering. O. F. Nomata, A. T. Rudnik, V. V. Tokarevskii. Izv. AN SSSR, Ser. fiz. 30 no. 3: 444-448 M '66.

ALPHA RAYS—SPECTRA

The (α) reaction on C^{13} at low deuteron energies. A. P. Klucharev, I. I. Titov. Izv. AN SSSR, Ser. fiz. 30 no. 3: 435-458 M '66.
Measurement of spectra of charged particles at narrow angles. A. P. Klucharev, I. I. Titov. Izv. AN SSSR, Ser. fiz. 30 no. 2: 220-231 F '66.

ALPINE FLORA see subdivision under Karagash Mountain

ALTAI MOUNTAINS—FOREST MANAGEMENT

System of principal yield cuttings in the dark-green forests of the Rudnyy Altai. L. N. Gribanov. Trudy Tbil. Inst. lesn. 14: 48-52 '65.

ALTAI MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Silurian sediments of the Gornyy Altai. N. P. Kul'kov, B. M. MOIP, Ch. geol. 41 no. 1: 77-82 Ja-F '66.

ALTAI MOUNTAINS—GEOLOGY, STRUCTURAL

Characteristics of the subsurface structure of the Rudnyy Altai according to geophysical data as related to the problem of igneous activity. P. S. Revikina, V. S. Kuznetsov. Sov. geol. 9 no. 2: 105-108 F '66.

ALTAI MOUNTAINS—PROSPECTING

Some characteristics of the organization and methodology of geological surveying in the Rudnyy Altai, Katba Range, and Chingiztau. I. U. Vorob'ev and others. Razved. i kh. nedr. 31 no. 1: 11-15 N '65.

ALTAI MOUNTAINS—PROSPECTING—GEOPHYSICAL METHODS

Nature of various correlations between geophysical anomalies and geological structure as revealed by a study in the Altai-Sayan fold area. V. S. Surkov. Geol. i geofiz. no. 9: 22-21 '66.

ALTAI MOUNTAINS—REALGAR

Finds of realgar in the sulfide ores of the Novo-Zolotozhskiy and Kamyshnitskiy deposits (Rudnyy Altai). M. S. Shneider, A. A. Shneider. Zap. Vses. min. ob-va 95 no. 1: 108-109 '66.

ALTAI MOUNTAINS—STONE IMPLEMENTS

Ancient mine tools in the Altai Mountains. L. R. Kyzlasov. Mat. i issl. po arkheol. SSSR no. 130: 165-168 '66.

ALTAI MOUNTAINS—TURKS

Problems concerning the early history of the Turko tribe (Ashina). S. G. Kishitornyi. Mat. i issl. po arkheol. SSSR no. 130: 278-281 '65.

ALTAI TERRITORY—GEOLOGY

[Study of the geology of the U. S. S. R.] Geologicheskaya "uchebnaya" SSSR. Moskva, Nauka Vol. 19. [R. S. F. S. R. Altai Territory and Kemerovo Province, period 1951-1955] RSFSR: Altayskiy krai i Kemerovskaya oblast', period 1951-1955, No. 1. [Published literature] Opublikovannyi raboty 1955, 164 p.

ALTAI TERRITORY—HEALTH RESORTS, WATERING PLACES, ETC.

Perspective construction for the "Belokurkha" Health Resort and the determination of its optimal efficiency. K. K. Leonov. Izv. vys. ucheb. zav., stroit. i arkhit. 9 no. 1: 131-139 '66.

ALTAI TERRITORY—INLAND WATER TRANSPORTATION—ACCOUNTING

Important means of improving the economic indices of port operation. N. Maslennikov. Rech. transp. 23 no. 8: 17-18 Je '64.

ALTAI TERRITORY—PAYMENT

Payments in the Altai Territory. N. Kutashov. Den. i kred. 24 no. 2: 56-59 P '66.

ALTERNATING CURRENT ELECTRIC MOTORS see Electric motors, Alternating current

ALTERNATING ELECTRIC CURRENTS see Electric currents, Alternating

ALTITUDES—MEASUREMENT see subdivision under Yakutia

ALUMINOSILICATES

Dealumination of n-nylbenzene on an aluminosilicate catalyst. Ch. Dimt'ov, R. Polova, Kin. i kat. 7 no. 1: 116-119 Ja-F '66.

Mechanism of 2-methyl-pentose conversion on an aluminosilicate catalyst. V. Sh. Pol'dukhin, G. P. Komtassarova, T. A. Tsalligold. Kin. i kat. 7 no. 1: 173-179 Ja-F '66.

ALUMINUM

Activity of aluminum containing additives during hydrothermal processing. G. J. Knigina. Izv. vys. ucheb. zav., stroit. i arkhit. 9 no. 1: 80-82 '66.

Interaction of trialkyl (aryl) aminoalanes and hexaalkyl-disilazanes with trialkylaluminum. D. I. A. Zhinkina and others. Zhur. ob. khim. 39 no. 2: 350-352 F '66.

ALUMINUM—ANALYSIS

Aluminum content of biotites from metamorphic rock. I. B. Shechebakov. Geol. zhur. 25 no. 1: 10-21 '65.

Fluorescent reactions of aluminum with flavonoids. A. P. Golovina and others. Zhur. anal. khim. 21 no. 2: 163-165 '66.

ALUMINUM—ELECTROMETALLURGY

Advantageousness of chlorinating aluminum in metallurgical plants. V. P. Ivanov. Izv. vys. ucheb. zav.; tsvel. met. 9 no. 1: 82-84 '66.

Current efficiency as dependent on temperature in aluminum electrolysis. P. S. Saakian. Zhur. prikl. khim. 39 no. 2: 347-351 F '65.

Effect of certain factors on the reverse electromotive force in industrial aluminum baths. A. M. Voskonien, A. I. Beliaev. Izv. vys. ucheb. zav.; tsvel. met. 9 no. 1: 75-81 '66.

ALUMINUM—METALLOGRAPHY

X-ray study of the texture of aluminum joints. K. K. Khrenov, V. I. Balokhin. Avtom. svar. 18 no. 2: 21-22 F '65.

ALUMINUM—METALLURGY

Decomposition of a disilicate silicate and passing of silica into solution during the leaching of finely ground aluminic calcines. M. N. Smirnov. TSvel. met. 39 no. 1: 52-60 Ja '66.

ALUMINUM—PHYSIOLOGICAL EFFECT

Effect of soluble aluminum on the development of soil micro-organisms. E. P. Gromyko. Izv. AN SSSR, Ser. biol. no. 2: 305-308 Mr-Ap '66.

ALUMINUM—PLASTIC PROPERTIES

Studying the plastic properties of technical aluminum during its crystallization from a melt. V. I. Blatov, M. A. Abzalov. Izv. AN Uz. SSR, Ser. tekhn. nauk 10 no. 1: 61-68 '66.

ALUMINUM—WELDING

Distribution of elements in the fusion zone during the welding of aluminum with steel. D. M. Babkin and others. Avtom. svar. 19 no. 1: 10-14 Ja '66.

Peculiarities of submerged-arc aluminum welding with twisted electrodes. D. P. Antoneta, G. G. Parnas. Avtom. svar. 19 no. 2: 51-56 F '66.

Use of ultrasonics for the welding of aluminum. V. I. Solomkin. Shkola i proizv. 10 no. 3: 61-61 M '66.

ALUMINUM ALLOYS

Gas-arc cutting of 250 mm-thick aluminum alloys. I. S. Shapiro and others. Svar. polzv. no. 1: 31-33 Ap '66.

Reflection coefficients of aluminum alloys used in construction. S. A. Timashev. Svetotekhnika 12 no. 2: 27-30 F '66.

Resistance to deformation of aluminum alloys in conditions of cold extrusion. L. Kh. Raftabai, L. B. Vul'rovich, E. G. Tomashchik. TSvel. met. 39 no. 1: 75-78 Ja '66.

ALUMINUM ALLOYS—ANALYSIS

Budanov, L. M., R. S. Volodarskaya, and N. A. Kanayev. [Analysis of aluminum and magnesium alloys] Analiz aluminovykh i magnitovykh splavov. [Moskva] Metallurgiya, 1966, 359 p.

ALUMINUM ALLOYS—CORROSION

Studying the tendency of high-strength aluminum alloys toward corrosion under stress. A. P. Lavrov, Zashch. met. 2 no. 2: 148-154 '66.

ALUMINUM ALLOYS—INCLUSIONS

Effect of oxide and gas inclusions in ingots on the quality of ADOV alloy castings. I. A. Nikiforov. Izv. vys. ucheb. zav.; tsvel. met. 9 no. 1: 145-147 '66.

ALUMINUM ALLOYS—METALLOGRAPHY

Effect of the interaction between the components of a liquid aluminum alloy on the aluminum grain size. T. K. Lashchikov, G. V. Samsonov. Izv. AN SSSR, Met. no. 1: 107-112 Ja-F '66.

ALUMINUM ALLOYS—WELDING

Electric slag welding of aluminum and its alloys. A. I. Izhchenko, D. M. Babkin. Avtom. svar. 19 no. 1: 78-77 Ja '66.

Welding of aluminum alloys to stainless steel. I. G. Gorin. Avtom. svar. 19 no. 1: 15-18 Ja '66.

ALUMINUM-BERYLLIUM-CERIUM ALLOYS—METALLOGRAPHY

X-ray study of the part of the system Al - Be - Ce in the field of 0-25% Ce. O. S. Zmechuk, D. P. Frankevich, P. L. Kripinovich. Izv. AN SSSR, Met. no. 1: 153-155 Ja-F '66.

ALUMINUM BROMIDE

Complexes formed by aluminum bromide with ethers of various structures. I. P. Romm, E. N. Gur'ianova, K. A. Kocheshkov. Dokl. AN SSSR 166 no. 4: 883-886 F '66.

Some properties of aluminum bromide solutions in xylene. L. E. Simanovich, A. M. Levinskaya. Elektrokhimiya 2 no. 3: 353-355 Mr '66.

ALUMINUM CALCIUM FLUORIDE

"Jaroslavit," a new aluminum calcium fluoride. M. I. Novikova, G. A. Sidorenko, N. N. Kuznetsova. Zap. Vses. min. ob-va 95 no. 1: 39-44 '64.

ALUMINUM CHLORIDE

Liquid-crystal and liquid-vapor equilibrium in the $AlCl_3 - Al_2Cl_6$ system. L. A. Nisenzon and others. Zhur. neorg. khim. 10 no. 10: 2330-2346 O '66.

Properties of silicon dioxide formed in the processing of fluosilicic acid of superphosphate plants to aluminum chloride. L. D. Skrylov. Zhur. prikl. khim. 39 no. 2: 305-311 F '66.

Testing refractory lining materials in an aluminum subchloride. V. M. Tkachenko, N. S. Mikhailov. Ogneupory 31 no. 3: 56-58 '66.

ALUMINUM COMPOUNDS

Crystalline structure of the compounds $HoAl_2$ and $DyAl_3$. I. I. Zaituskii, P. I. Kripinovich. Izv. AN SSSR, Neorg. khim. 2 no. 2: 264-268 F '66.

Studying the lanuing effect of modified aluminum sulfate complexes. M. Kh. Kirakosyan, I. P. Strakhov. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 1: 68-72 '66.

ALUMINUM COMPOUNDS—DIPOLE MOMENTS

Dipole moment of the π -complex of aluminum bromide with benzene. I. P. Romm, E. N. Gur'ianova. Zhur. ob. khim. 39 no. 3: 393-397 Mr '66.

ALUMINUM COMPOUNDS—ELECTRIC PROPERTIES

Complex compounds of aluminum halides with tetrahydrofuran and their conductance in nitrobenzene. E. A. Gorenberg, G. G. Rusin, A. T. Bezina. Zhur. neorg. khim. 11 no. 3:571-579 Mr '60.

ALUMINUM FOUNDED—DEFECTS

Accumulation of oxides in aluminum during melting and casting. K. P. Lebedev, V. D. Maksimov, L. S. Raines. Lit. protzv. no. 2:42-43 F '60.

ALUMINUM INDUSTRY—MANAGEMENT

see subdivision under Irkutsk

ALUMINUM INDUSTRY—TECHNOLOGICAL INNOVATIONS

Deposits and diamonds. N. Khreshtin, NTO 8 no. 2:131-35 F '60.

ALUMINUM-MAGNESIUM ALLOYS—HARDENING

Change in the structure of Al-Mg and Al-Mg-Zn alloys during aging and its effect on the mechanical properties of alloys. I. U. A. Bagariatskii, G. I. Nosova, N. T. Travina. Izv. AN SSSR, Met., no. 1:120-135 Ja-F '60.

ALUMINUM-MAGNESIUM ALLOYS—METALLOGRAPHY

Change in the structure of Al-Mg and Al-Mg-Zn alloys during aging and its effect on the mechanical properties of alloys. I. U. A. Bagariatskii, G. I. Nosova, N. T. Travina. Izv. AN SSSR, Met., no. 1:120-135 Ja-F '60.

ALUMINUM-MAGNESIUM ALLOYS—WELDING

Mechanism of pore formation, and influence of certain elements of welding technology on the porosity of seams in the AlMg alloy. G. D. Nikiforov, A. M. Boldyrov, V. I. Bukurov, Svar. prozv. no. 3:2-6 Mr '60.

ALUMINUM OXIDE

Conversion of 1, 1- and 1, 2-dichloroethanes over active aluminum oxide. A. M. Aliev, I. Gaspra, I. Repashova, Neftepr. i neftekhim. no. 1:118-21 '65.

Evaluation of the elution properties of some systems in the chromatographic analysis on anionite aluminum oxide. A. A. Sult, F. M. Shemiakin. Izv. vys. ucheb. zav., khim. i khim. tekhn. 8 no. 6:905-900 '65.

Forming of spherical aluminum oxide and aluminum oxide catalysts by the hydrocarbon-ammonia method. Part I: Role of electrolytes in the process of forming. I. A. I. Katsobashvili, N. S. Kurkova, N. V. Sidorova. Koll. zhur. 28 no. 1:46-50 Ja-F '66.

Micellar adsorption of direct dyes on aluminum oxide from water solutions of salts. A. M. Koganovskii. Koll. zhur. 28 no. 1:50-62 Ja-F '66.

Structure and texture of bayerite and aluminum γ -oxide. A. M. Rubinshtein and others. Izv. AN SSSR, Sci. khim. no. 2:350-352 '66.

Thermovacuum treatment of high-melting extra-hard chemical compounds, aluminum oxide. K. V. Savitskii and others. Izv. vys. ucheb. zav.; mashinost. no. 1:153-157 '66.

ALUMINUM PLATES

see Plates, Aluminum

ALUMINUM PLATING

Electrodeposition of aluminum from a hydride electrolyte. A. L. Levinas, A. I. U. Simanovich, Elektrokhimia 2 no. 2:200-204 F '60.

Electrophoretic deposition of aluminum. G. K. Shreiber and others. Gaz. delo no. 1:10-21 '66.

Some properties of aluminum bromide solutions in xylene. L. E. Smanovich, A. N. Lovinskene. Elektrokhimia 2 no. 3:353-355 Mr '66.

ALUMINUM SILICATES

Complex thermographic analysis of the kinetics of the formation of alkali aluminum silicates. V. D. Glukhovskii, L. I. U. Peironko. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 8 no. 6:989-992 '65.

ALUMINUM-SILICON ALLOYS

Thread cutting in alumina. V. N. Sharypov. Trudy Ural. elektromekhn. inst. inzh. zhel. dor. transp. no. 10:180-187 '65.

ALUMINUM-SILICON ALLOYS—ELECTROMETALLURGY

Technology of producing a primary silicon-aluminum alloy (alumin) without using alumina in the charge. B. I. Emelin and others. Met. i koksokhim. no. 3:101-105 '65.

ALUMINUM-SILICON ALLOYS—HEAT TREATMENT

Thermocyclic stabilizing treatment of alumin. M. L. Khendin and others. Lit. protzv. no. 2:10-13 F '66.

ALUMINUM SULFATE

Crystallization of basic aluminum sulfates. V. S. Sashin and others. Ukr. khim. zhur. 32 no. 1:105-100 '66.

System $\text{Na}^+ \text{Al}^{3+} \text{SO}_4^{2-}$. P. I. Fedorov, Chzhan Chih-fulin [Chang Chih-yun], Zhur. neorg. khim. 11 no. 3: 689-671 Mr '66.

ALUPKA (UKRAINE)—ART GALLERIES AND MUSEUMS

Alupka. Dvoretz-muzel. [Alupka State Palace Museum] Gosudarstvennyi Alupkinskii dvoretz-muzel. Kiev, Mystetstvo, 1966. 1 v. (chiefly illus)

AMALGAMATION

Behavior of zinc amalgams in alkali solutions. N. I. Fulman, A. N. Rumyantseva. Izv. vys. ucheb. zav.; fiz. i mat. 9 no. 1:49-58 '66.

AMALGAMS

Electrochemical study of manganese amalgam. A. A. Lange, S. P. Buplanan. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 3:27-32 Ji-S '64.

Spectrophotometric study of the reduction of molybdenum (VI) by a cadmium amalgam. E. F. Speianskain, V. E. Merisalova. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 8 no. 6:993-997 '65.

Study of nickel amalgams by the method of amalgam polarography with storage. I. E. Krasnava, A. I. Zubieva. Elektrokhimia 2 no. 2:237-251 F '66.

AMATEUR ART ACTIVITIES

see subdivision under Moscow

AMATEUR ART ACTIVITIES—EXHIBITIONS

Geneva streetcar workers' interesting initiative. Vsem. prof. dvizh. no. 2:37-38 Mr '66.

AMATEUR MOTION PICTURES

The hero and the heroine dead on the screen. A. Kochetkov. Sov. voln. 47 no. 22:0 N '65.

AMATEUR RADIO STATIONS

(see also subdivision under Vladivostok)

Short and ultrashort radio waves. V. Chienyshev, G. Burba, V. Dubrov. Radio no. 2:17-18 F '66.

AMATEUR THEATRICALS

see subdivision under Dudinka

AMBER

see subdivision under Moscow

AMBLYOPIA

Treatment of amblyopia in concomitant strabismus. Sh. M. Kadyanova. Azerb. med. zhur. 43 no. 3:73-76 Mi '66.

AMEBIASIS

(see also subdivision under Dagestan)

Inflammatory tumors of the large intestine of amebic origin. N. A. Emiltov. Khirurgia 42 no. 3:74-78 Mr '66.

AMERICA—MAPS

Novoe Vremia. [Atlas of "Novoe Vremia"; supplement to the journal "Novoe Vremia"] Atlas Novogo vremeni; prilozhenie k zhurnal "Novoe Vremia." No. 3. [24 maps of the countries of America] 24 karty stran Ameriki. [n.p. 1965] 48 p.

AMERICAN ECONOMIC ASSISTANCE

see Economic assistance, American

AMERICAN FEDERATION OF LABOR

Right-wing leaders of the A. F. L., the progressive forces of the American labor movement, the 1930's and 1940's. B. I. Mikhailov. Nov. i novost. ist. no. 3:75-82 '60.

AMERICAN POLITICAL BALLADS AND SONGS

see Political ballads and songs, American

AMERICIUM—DECAY

Decay scheme of Am^{240} . L. P. Belbin, G. Aurov, A. Alkov. Izv. AN SSSR, Sci. fiz. 30 no. 2:217-219 F '66.

AMERICIUM ISOTOPES—DECAY

Conversion electrons accompanying Am^{241} alpha-decay, and the level scheme of Np^{237} . L. N. Kondrat'ev, L. F. Trifonov. Izv. AN SSSR, Ser. fiz. 30 no. 3:386-393 Mr '66.

AMERY SHELF ICE

Changes in the West and Amery Shelf Ices. V. G. Lodenov, A. P. Evdokimov. Inform. bul. Sov. antark. eksp. no. 55:12-18 '65.

AMIDES

Action of methylamine on N-methylimide of citraconic acid. T. V. Shorometeva, V. V. Kudryavtsev. Izv. AN SSSR, Ser. khim. no. 2:289-293 '66.

Reaction of α -substituted γ -butyrolactone- γ -carboxylic acids with dicyanodiamide. G. M. Shukinazarian and others. Izv. AN Arm. SSR, Khim. nauki 17 no. 5:556-561 '64.

Relationship between the chemical structure and action in the series of substituted amides and hydrazides of N-(4-antipyril)-oxamino acid. Farm. i toka. 29 no. 1:22-25 Ja-F '66.

Separate determination of ammonia and amides in canned meat and fish by means of the phenol-hypochlorite reaction. B. A. Rashkovan, E. S. Loshchirina. Konz. i ov. prom. 21 no. 3:33-38 Mr '66.

Syntheses of arylamides of 1-acylcarbohydrazide-5-thio-carboxylic acid. E. P. Nesynov, M. M. Besprozvannaya, P. S. Pol'kis. Zhur. org. khim. 2 no. 3:484-485 Mr '66.

Synthesis of ethyleneamide thiophosphates and phosphonates. E. E. Nifant'ev and others. Zhur. ob. khim. 36 no. 2:310-321 F '66.

AMIDES—DIPOLE MOMENTS

Dipole moments and structure of carboxylic acid ethanoil amides. I. A. Kozlov and others. Zhur. ob. khim. 36 no. 2:189-194 F '66.

AMIDINES

N,N'-diarylphosphorimidines and some of their properties. V. A. Gillsayov, M. I. Kabachnik. Zhur. ob. khim. 36 no. 2:282-289 F '66.

AMIDOXIMES

Synthesis of some amines, amidoximes and guanidine derivatives. A. A. Arolan, S. P. Kocharian. Izv. AN Arm. SSR, Khim. nauki 17 no. 5:543-548 '64.

AMINATION

Amination of cyclohexanol in the presence of a silvered ion catalyst under pressure of a hydrogen-ammonia mixture. G. A. Khlgeri and others. Neftekhimia 5 no. 4:568-572 Ji-Ag '65.

Amination of polyvinyl chloride with N-dialkyl-substituted amides. L. N. Zil'berman, A. E. Kulkova, E. G. Pomeantsova. Vysokom. scod. 8 no. 2:256-260 F '66.

AMINE OXIDASE

Activity of monoamine oxidase of rat organs in experimental pneumococcal infection. Z. A. Popenenkova, D. A. Andreeva. Biol. eksp. biol. i med. 61 no. 1:48-50 Ja '66.

AMINES

Action of methylamine on N-methylimide of citraconic acid. T. V. Shorometeva, V. V. Kudryavtsev. Izv. AN SSSR, Ser. khim. no. 2:289-293 '66.

Addition of amines of various structures to vinylsilanes. N. S. Nametkin and others. Dokl. AN SSSR 167 no. 1:106-108 Mi '66.

Addition of amines to butadiene. G. T. Marthosian, T. A. Grigorian, A. T. Babatun. Izv. AN Arm. SSR, Khim. nauki 17 no. 5:161-162 '64.

Amines of the diacylamine series. I. N. Azerbaev, B. P. Gusev, V. V. Tatarchuk. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 3:87-91 Ji-S '64.

Basicity constants of ferrocene amines. A. N. Neemel'nov, V. I. Romanenko, V. A. Sazonova. Izv. AN SSSR, Ser. khim. no. 2:357-358 '66.

Chemistry of keto acid esters of the acetylene series. Part 4: Addition of substituted aromatic primary amines to phenylethynylglyoxalic acid esters. I. I. Lapkin, I. U. S. Andreichikov. Zhur. org. khim. 2 no. 3:388-390 Mr '66.

Enamines. Part 4: Azo coupling of enamines of propionaldehyde and butyraldehyde. V. I. Shvedov, L. B. Alukhova, A. N. Grinev. Zhur. org. khim. 2 no. 3:391-393 Mr '66.

Heats of addition of amines to zinc halides. A. V. Ablov, Z. P. Burnasheva. TS B. Kononova. Zhur. neorg. khim. 10 no. 10:2288-2292 O '65.

Infrared absorption spectra of coordination compounds of Sn (IV) with nitrilic diamines. D. S. Skenova, T. N. Smarokova, M. I. Usanovich. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 3:17-28 Ji-S '64.

Infrared absorption spectra of platinum (III) complex compounds with aromatic amines. A. V. Ablov and others. Zhur. neorg. khim. 10 no. 10:2238-2244 O '65.

Kinetics of acylation of aromatic amines by acetic and benzoic anhydrides in nitrobenzene and its mixtures with acetic acid. L. M. Litvinenko, L. M. Olenik. Ukr. khim. zhur. 32 no. 2:174-185 '66.

Kinetics of interaction of a substituted indophenol radical with amines and phenols. V. A. Nidafila, V. D. Polchodenko, A. I. Brodskii. Dokl. AN SSSR 168 no. 5:1099-1102 F '66.

Organic insectofungicides. Part 63: Interaction of phosphoric acid esters with higher aliphatic amines. N. N. Melnikov, B. A. Khaskin, L. T. Elepina. Zhur. ob. khim. 36 no. 3:453-457 Mr '66.

Sensitized photodissociation of triphenylmethane compounds in the solid phase. Part I. I. U. Kozlov, D. N. Shigorin, G. A. Ozerova. Zhur. fiz. khim. 40 no. 3:700-703 Mr '66.

Synthesis of some amines, amidoximes and guanidine derivatives. A. A. Arolan, S. P. Kocharian. Izv. AN Arm. SSR, Khim. nauki 17 no. 5:543-548 '64.

AMINO ACIDS

Analysis of amino acids by gas-liquid chromatography. S. V. Viti, M. B. Sapozovskaya, V. B. Belikov. Zhur. anal. khim. 21 no. 2:227-231 '66.

Amino acid composition of milk proteins from various animals. P. V. Gugenov, M. N. Madvedova. Vest. sel'khoz. nauki 10 no. 8:78-78 Jo '65.

Combined effect of hydrogen peroxide and amino acids on Parametium. A. S. Popov. Radiobiologiya 6 no. 1:20-22 '66.

Effect of amino acids on the dehydrinase biosynthesis in an experimentally produced Aspergillus uzamii strain 3758/45. V. B. Kotov, S. A. Kononov. Mikrobiologiya 35 no. 1:20-28 Ja-F '66.

AMINO ACIDS (Continued)

Effect of inoculation with nodule bacteria on the change in amino acid composition of the vegetative parts of soybean I. G. Vyval'ko, N. V. Sokorenko, *Agr. khim.* no. 3:81-80 Mr '66

Increase in the nutritive value of protein by synthetic amino acids, A. D. Golobov, *Pril. biokhim. i mikrobiol.* 2 no. 1:86-105 Ja-F '66

Method of direct group selection of amino acid producers with the help of indicator cultures of micro-organisms N. M. Verbitskiy, *Mikrobiologiya* 35 no. 1:107-110 Ja-F '66

New method of synthesizing α -hydroxy- γ - and δ -keto acids, V. V. Pechkin and others, *Dokl. AN SSSR* 166 no. 5:1129-1131 F '66

Oxidative metabolism of γ -aminobutyric acid in brain preparations and its effect on the distribution of amino acids, V. N. Chikvalde, *Ukr. biokhim. zhur.* 35 no. 1:62-69 '66

Physicochemical changes in the gluten of germinating wheat, Report No. 2, Amino acid composition, O. S. Shorina, A. B. Vakar, V. L. Kretovich, *Pril. biokhim. i mikrobiol.* 2 no. 2:21-127 Mi-Apr '66

Polarographic study of the stability of mercury complex compounds with some amino acids, V. F. Tolopova, I. U. M. Azizov, *Zhur. neorg. khim.* 11 no. 3:531-535 Mi '66

Some condensation reactions of 1-acetyl-3-indolyl-acetylaldehyde, O. A. Rodina, V. P. Mamonov, *Izv. SO AN SSSR* no. 11, *Sci. khim. nauk* no. 3:161-163 '61

Structure of albumen, Part 10: Synthesis of tripeptides L- and D-serine and L-cysteine with different order of attachment of amino acids, N. A. Poddubnaya, Y. M. M. El'Nagay, L. A. Lublinskaya, *Zhur. ob. khim.* 35 no. 2:219-224 F '66

Studies on primary photochemical processes in proteins. I. Two photochemical reactions with aromatic amino acids, I. U. A. Vladimirov, D. I. Rashchupkin, *Biofizika* 9 no. 3:282-292 '61

Study of free intracellular amino acids and amino acid composition of protein in *Aspergillus niger* strains V. B. Kotov, S. A. Kononov, A. K. Ovcharov, *Mikrobiologiya* 31 no. 6:952-955 N-D '65

AMINO COMPOUNDS

Kinetics and mechanism of iodination of aromatic amino compounds by iodine chloride in aqueous hydrochloric acid solutions, P. I. Vainstein, E. I. Tomilenko, L. A. Shilov, *Kin. i kat.* no. 1:33-41 Ja-F '66

AMINOXYLLINE—THERAPEUTIC USE

Effect of oxyphiline on hemodynamics of the lesser circulation in pulmonary tuberculosis, I. U. N. Shitengrid, *Probl. tub.* no. 3:82-86 '65

AMINO PYRINE

Analysis of the combined effect of two sedatives, meperidate and oxyllidine, with amidopyrine, M. V. Komendantova, N. V. Kuzina, *Farm. i toks.* 29 no. 1:3-8 Ja-F '66

AMITOSIS

Reaction of striated muscle tissue to hypoxia, S. I. Fudol'-Ospova, I. O. Rodionov, V. I. Sevast'yanov, *Fiziol. zhur. [Ukr.]* 12 no. 1:12-19 Ja-F '66

AMMINES

Heat capacity and conversions of palladium chloroethanimine hydrate at 90 - 320°K, G. A. Shepatova, V. A. Solov, *Zhur. neorg. khim.* 10 no. 10:2235-2242 O '65

AMMONIA

Calculating the economic efficiency of the chemical processing of coke-oven gas, P. S. Gusev, A. N. Zolovskii, *Koks. i khim.* no. 2:55-60 '66

Calculation of rate constants for ammonia synthesis in a reversible poisoning of the catalyst with water vapor in flow systems, I. A. Smolinov, *Kin. i kat.* 7 no. 1:107-115 Ja-F '66

Exchange of an amino group for aromatically combined chlorine, Part 12: Kinetics of the reaction of o-nitrochlorobenzene and its p-nitromethylsulfonate and trifluoromethyl derivatives with ammonia in methyl alcohol, L. A. Kozorez, S. M. Shein, N. N. Vorozhtsov Jr., *Zhur. ob. khim.* 36 no. 3:424-428 Mr '66

Interaction of sodium borohydride with nickel sulfate in a water-ammonia medium, V. I. Mikhcheva, N. N. Mal'tseva, Z. K. Sterileckina, *Zhur. neorg. khim.* 10 no. 10:2380-2381 O '65

Oxidation of ammonia on metal oxides, N. M. Morozov, L. I. Litmanova, M. I. Temkin, *Kin. i kat.* 7 no. 1:172-175 Ja-F '66

Reproduction of the frequency of a molecular oscillator on the time of ammonia transition, G. A. Elkin, G. G. Rakhimov, *Trudy Inst. Kom. stand., mer. i izm. prib.* no. 77:67-71 '65

Separate determination of ammonia and amides in canned meat and fish by means of the phenol-hypochlorite reaction, B. A. Rashkovan, E. S. Losichina, *Kans. i ov. prom.* 41 no. 3:33-38 Mr '66

Studying the carbonization of ammonia-and-soda solutions, V. F. Vinov, I. N. Shokin, S. A. Krashennikov, *Khim. prom.* 12 no. 3:189-192 Mr '66

Studying the dynamic properties of a system for direct numerical regulation of ammonia synthesis, S. S. Gruzman, V. N. Kreinov, *Khim. prom.* 42 no. 3:223-229 Mr '66

Urgent problems of the improvement of the quality of phosphate fertilizers, R. N. Ivanov, *Khim. prom.* 42 no. 3:181-183 Mr '66

AMMONIA—STORAGE

New development in the storage of ammonia water, G. Damburskas, B. Guinovich, *Zemledelie* 28 no. 1:54-56 Ja '66

AMMONIA AS FERTILIZER

(see also subdivision under Lenkoran' Lowland)

Ammonia water, G. Goghtashvili, *Per. b. delo* no. 1:31-32 Ja '66

Effect on ammonium chloride on the yield of various farm crops, I. G. Kondrat'ev, A. M. Mamkina, *Khim. v sel. khoz.* 4 no. 3:12-15 Mr '66

Supplementary fertilizers for meadows, N. Domyashev, *Zemledelie* 28 no. 1:53 Ja '66

Use ammonia water in the fields, L. N. Pantus, *Zemledelie* 28 no. 1:50-52 Ja '66

Use of anhydrous ammonia in meadows, T. A. Rabotnov, *Agrokhimia* no. 3:151-151 Mr '66

AMMONIATES

Synthesis and thermal decomposition of Re^{III} and Re^{V} aminates, V. G. Tsvetkov, R. A. Dovlatshina, *Zhur. neorg. khim.* 10 no. 10:2262-2267 O '65

AMMONIUM CHROMATES

Effect of gaseous medium on the rate of thermal decomposition of ammonium chromate and silver oxalate, E. S. Osinovik, A. F. Anichuk, *Dokl. AN BSSR* 10 no. 1:29-31 Ja '66

AMMONIUM COMPOUNDS

Amines and ammonium compounds, Part 37: Synthesis and aqueous-alkaline cleavage of quaternary ammonium salts containing a 2-alkyl-3-chlorobenzen-2-yl group, A. T. Babalan and others, *Zhur. org. khim.* 2 no. 3:407-412 Mr '66

Characteristics of interaction between triethyl ammonium salts and molecules of aliphatic alcohols, A. A. Lipovskii, I. A. Dem'ianova, *Radiochimia* 8 no. 1:112-114 '66

Mechanism of the transportation and storage of ammonium nitrate, S. G. Gaaze, V. N. Nikhlin, *Blud. tekhn. i ekon. info. m. Gos. nauch.-nauch.-issl. inst. nauch. i tekhn. inform.* 19 no. 1:54-55 Ja '66

Polarographic study of two-quaternary ammonium derivatives of decarboxylated amine containing ester groups, A. I. Lopushanskii, V. V. Udvitskaya, *Zhur. ob. khim.* 36 no. 2:164-169 F '66

Solubility of salts formed by quaternary ammonium bases with hexantriate anions of tetravalent actinide elements, B. P. Nikol'skii, M. V. Pozdvol'skii, G. S. Markov, *Radiochimia* 8 no. 1:111-113 '66

AMMONIUM COMPOUNDS—PHYSIOLOGICAL EFFECT

Pharmacological characteristics of hemicholinium as an inhibitor of acetylcholine synthesis, S. N. Golikov, S. I. Loktionov, *Farm. i toks.* 27 no. 8:800-802 N-D '64

AMMONIUM FLUORIDE

Reaction of scandium salts with ammonium fluoride, B. N. Ivanov-Emba, T. N. Susanina, L. A. Ogorednikova, *Zhur. neorg. khim.* 11 no. 3:504-510 Mr '66

AMMONIUM PHOSPHATES

Absorption of pyridine bases by the aqueous solutions of ammonium orthophosphates, N. G. Bunakov, G. D. Khailamovich, *Koks. i khim.* no. 2:40-42 '66

AMMONIUM SULFATE

Solubility of ammonium sulfate and methods of the washing of saturators, G. P. Koplev, *Koks. i khim.* no. 2:32-34 '66

Using ammonium sulfate in dyeing cotton fibers with "Z" blue sulfur dyes, G. E. Shadkovevskaya, A. V. Shumarina, *Tekst. prom.* 26 no. 3:50-60 Mr '66

AMMONODEA see subdivision under Badkhyz region (Turkmenistan), Ural Mountains

AMMONOLYSIS

Oxidative ammonolysis of propylene on modified bismuth molybdates, I. K. Kolchin and others, *Neftekhimika* 5 no. 4:573-578 Il-Ag '65

Preparation of acetonitrile and acetamide by liquid-phase oxidative ammonolysis of n-butane under pressure, G. E. Zatkov, M. G. Budygin, *Neftekhimika* 5 no. 4:541-544 Il-Ag '65

AMPEROMETRIC ANALYSIS see Conductometric analysis

AMPHIBIA—EMBRYOLOGY see Embryology—Amphibia

AMPHIBIOLES see subdivision under Georgia, Kivoy Rog Basin

AMPHIBIOLES see subdivision under Cherkassy Province, Raibov, Mount

AMPLIFIERS, ELECTRON-TUBE

Low-frequency amplifiers, G. Krylov, *Radio* no. 2:20 F '66

Sokolov, A. A. [Design of a selective RC-type electron-tube amplifier] *Raschet i izb. atel'nogo lampovogo ustroystva tipa RC. Red.* V. V. Atamanov, Moskva, Mosk. energ. in-l, 1965, 12 p. [MICROFILM]

AMPLIFIERS, ELECTRON-TUBE—NOISE

Method for decreasing the noise effect in an amplifier, N. A. Panikova, V. P. Korotkov, *Opt.-mikh. prom.* 13 no. 2:10-11 F '66

AMPLIFIERS (ELECTRONICS)

Automatic phase adjustment in reflex-type amplifiers, L. A. Balov and others, *Elektronika* 10 no. 2:23-30 F '66

Balanced regenerative microwave amplifier, O. V. Botekii, E. M. Gutsait, *Radioelektr. i elektron.* 11 no. 4:709-720 Ap '66

D.c. amplifiers for temperature regulation systems of thermostats of high-stability quartz oscillators, N. V. Nikitin, *Trudy Inst. Kom. stand., mer. i izm. prib.* no. 77:21-32 '65

Effect of ferromagnetic coatings on thin-film microinductance, V. I. Sementinov, K. I. Afanasev, *Radioelektrika* 21 no. 3:77-79 Mr '66

Nonlinear theory of travelling-wave amplifiers with n-type conductivity, I. U. P. Voloschenko, V. A. Matyshev, *Radioelektr. i elektron.* 11 no. 4:699-708 Ap '66

Rational choice of a circuit for the reproduction of variable time delay using operational amplifiers, L. I. Ginzina, M. K. Chernyshev, *Avtom. i telem.* no. 1:130-145 '66

Slutenko, M. S. [Low-noise microwave amplifiers] *Maishumishchila ustroystv SVCh.* Moskva, Voenizdat, 1966, 150 p.

Study of the effect of losses on the energy parameters of distributed power amplifiers, V. M. Guler, *Izv. SO AN SSSR* no. 10, *Sci. tekhn. nauk* no. 3:61-60 '64

AMPUTATION STUMP

Effect of infection on bone regeneration and formation of the amputation stump, experimental study, N. G. V'utnysh, *Klin. khir.* no. 6:14-47 '65

AMU DARYA VALLEY—GAS, NATURAL—GEOLOGY

Upper Amu Darya oil- and gas-bearing region, S. N. Simakov, N. P. Tuvayev, *Sov. geol.* 0 no. 3:17-31 F '66

AMU DARYA VALLEY—PETROLEUM GEOLOGY

Upper Amu Darya oil- and gas-bearing region, S. N. Simakov, N. P. Tuvayev, *Sov. geol.* 0 no. 2:17-31 F '66

AMUR LIMAN—CHUM SALMON

Chemical technological characteristics of the chum salmon in the Amur Liman, L. K. Kukhlikova, *Ryb. khoz.* 40 no. 6:59-60 '64

AMUR PROVINCE—GEOLOGY

[Study of geology of the U.S.S.R.,] *Geologicheskaya izucheniost' SSSR.* Moskva, Nauka, Vol. 26, [R. S. F. S. R., Khabarovsk Territory, Amur Province, period 1951-1955] RSFSR: Khabarovskii krai, Amurskaya oblast', period 1951-1955, No. 1. [Published literature] Opublikovannyye raboty, 1965, 100 p.

AMUR VALLEY—GEOCHEMICAL PROSPECTING

Hydrogeological prospecting for tin-complex metal deposits in the Myochan Range, V. A. Kirukhin, V. I. Gurevich, A. N. Pavlov, *Zap. LGI* 46 no. 2:63-69 '66

AMUR VALLEY—GEOLOGY

Akademiya nauk SSSR, Dal'novostochnyi filial, Vladivostok. [Geomorphology, paleogeography, geology, and minerals of the Amur Valley] *Geomorfologiya, paleogeografiya, poleznye iskopaemye Primur'ia.* Khabarovsk, 1964, 114 p.

AMUR VALLEY—ORE DEPOSITS

Hydrogeological prospecting for tin-complex metal deposits in the Myochan Range, V. A. Kirukhin, V. I. Gurevich, A. N. Pavlov, *Zap. LGI* 46 no. 2:63-69 '66

AMUR VALLEY—PALEOGEOGRAPHY

Akademiya nauk SSSR, Dal'novostochnyi filial, Vladivostok. [Geomorphology, paleogeography, geology, and minerals of the Amur Valley] *Geomorfologiya, paleogeografiya, poleznye iskopaemye Primur'ia.* Khabarovsk, 1964, 114 p.

AMUR VALLEY—WATER, UNDERGROUND

Hydrogeological prospecting for tin-complex metal deposits in the Myochan Range. V. A. Kirilukhin, V. I. Gurevich, A. N. Pavlov. Zap LGI 46 no. 2:63-68 '65.

AMUR-ZEYA PLATEAU—SUSLIKS

Biology of long-tailed suslik *Citellus undulatus menzbieri* Ogn. in the Amur-Zeya Plateau. B. M. Snigirevskaya, Zool. zhur. 45 no. 1:125-130 '66.

AMYLASE

Attack of amylase against starch. V. S. Potayina, Z. F. Falutina, Prikl. biokhim. i mikrobiol. 2 no. 2:210-212 Mi-Apr '66.

Isolation of purified amylase preparations from *Bacillus diastaticus* O. V. Kislukhina. Prikl. biokhim. i mikrobiol. 2 no. 1:58-62 Ja-F '66.

Mechanism of the glucose inhibition of induced amylase synthesis in *Aspergillus oryzae*. R. V. Fentkova, A. S. Tikhomirova, A. K. Kullikova. Mikrobiologiya 34 no. 6:772-777 N-D '65.

AMYLOGUCOSIDASES

Glucanase formation in the submerged culture of *Aspergillus awamori*. R. V. Fentkova, V. G. Ryzhukova, Prikl. biokhim. i mikrobiol. 2 no. 2:144-150 Mi-Apr '66.

AMYLOIDOSIS

Indications and contraindications for surgical treatment of tuberculous spondylitis complicated by amyloidosis. E. N. Stanislavleva. Probl. tub. no. 5:62-66 '65.

ANABASINE

Anabasine extraction from aqueous solutions with organic solvents at various pH. S. I. Batk. Farmats. zhur. 20 no. 1:51-55 '65.

ANADYR LOWLAND—GEOLOGY, STRUCTURAL

Geological history of the development of the Anadyr Lowland. F. N. Kostylev, IU K. Baulin. Dokl. AN SSSR 166 no. 5:1177-1179 F '66.

ANALEPTICS

Effect of corazole and phenamine on static reflexes following the extirpation of the forebrain. M. I. Nikiforov. Farm. i toks. 27 no. 6:654-656 N-D '64.

Effect of atephyll, ethylmorphine and other stimulants of the central nervous system on the threshold of excitability of the ascending reticular formation and hippocampus. L. Kh. Alimkova, IU S. Borodkin. Farm. i toks. 27 no. 6:617-650 N-D '64.

Role of some segments of the nervous system in the mechanism of action of stimulating and depressive drugs. S. I. Arbuzov, M. I. Nikiforov. Farm. i toks. 27 no. 6:716-730 N-D '64.

ANALOG-TO-DIGITAL CONVERTERS

Binary-decimal reflex coding in systems with digital reading. V. P. Chistov. Priborostroyeniye no. 3:10-12 Mr '66.

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTIC GEOMETRY see Geometry, Analytic

ANALYTIC MECHANICS see Mechanics, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANASTASIYEVKA-TROITSKOYE OIL FIELD—OIL WELL CEMENTING

Bottom water exclusion by the parallel injection pattern. G. M. Shved. Nefteprom. delo no. 2:32-33 '66.

ANASTASIYEVKA-TROITSKOYE OIL FIELD—OIL WELL SHOOTING

Efficient perforation intervals in wells of an oil and gas pool with bottom waters. (Reply to a published article). V. A. Amlian and others. Neft. knoz. 43 no. 12:11-43 D '65.

ANATOMY, HUMAN

Ivanitskii, M. V. [Anatomy of man] Anatomiya cheloveka. 4. izd., 1. spr. Moskva, Fizkultura i sport.

Vol. 1. [Introduction to anatomy, motor apparatus, study of movements] Vvedenie v anatomiyu, dvizheniyniy apparat, uchenie o dvizheniyakh. 1965. 517 p.

ANATOMY, PATHOLOGICAL

Prigozhina, A. L. [Pathological anatomy and the pathogenesis of glaucoma] Patologicheskaya anatomiya i patogenez glaukomy. Moskva, Meditsina, 1966. 219 p.

(DNLM)

ANATOMY, PATHOLOGICAL—CONGRESSES

Work of the Perm Province Scientific and Practical Conference of Pathoanatomists in 1965. F. M. Khatozhskaya. Arkh. pat. 28 no. 1:84 '66.

ANATOMY, SURGICAL AND TOPOGRAPHICAL

Some anatomico-functional characteristics of the foot. T. E. Startseva. Ortop., travm. i protez. 27 no. 3:11-15 Mr '66.

ANCHORAGE

Mechanization and automation of anchorage and mooring operations. L. L. Khmelov. Sudostroyeniye 56 no. 2:31-33 F '66.

ANCHOVIES see subdivision under Black Sea

ANDESITES see subdivision under Novodvitsa region (Maritime Territory)

ANDROSTANEDIONE

Synthesis of derivatives of the androstane series. Part 6. Dihydrates of androstane-3,17-dione and Δ^4 -androstene-3,17-dione. L. N. Volovet'skii, Zhur. ob. khim. 36 no. 2:237-239 F '66.

ANDROSTENEDIONE

Synthesis of derivatives of the androstane series. Part 6. Dihydrates of androstane-3,17-dione and Δ^4 -androstene-3,17-dione. L. N. Volovet'skii, Zhur. ob. khim. 36 no. 2:237-239 F '66.

Synthesis of derivatives of the androstane series. Part 6. Tetrahydrazones of 2,16-dioxymethyleneandrostane-3,17-dione and Δ^4 -2,16-dioxymethyleneandrostene-3,17-dione. L. N. Volovet'skii, Zhur. ob. khim. 36 no. 2:239-242 F '66.

ANEMIA

Course of anemia in pregnant women, its clinical aspects, diagnosis, and treatment. M. S. Lashenko. Sov. med. 20 no. 2:138-142 F '66.

Development of a hypoplastic state of hemopoiesis during pregnancy. K. M. Abdulkadyrov. Sov. med. 20 no. 1:123-125 Ja '66.

Effect of hypochromic anemia of the mother on the state of the erythrocytes of the child. L. G. Antonina, T. N. Volkova. Azerb. med. zhur. 42 no. 1:23-30 N '65.

Use of trace elements in the prophylaxis and therapy of anemia in young pigs. A. A. Pokopenko, I. I. Iliov. Veterinariya 42 no. 1:57-59 Ja '66.

Vitamin B₂ content in the serum of patients with ancylostomatic anemia. E. A. Zhintskaya, I. G. Prtyev. Med. paraz. i paraz. bol. 35 no. 2:171-175 Mr-Apr '66.

ANEMOMETER

Study of the turbulent atmosphere by means of an acoustic anemometer. V. N. Ivanov, IU B. Burakov. Meteor. i gidrol. no. 3:49-53 Mr '66.

ANESTHESIA

Anesthesia in stomach operations. M. A. Dantlin. Khirurgiya 12 no. 3:110-114 Mi '66.

ANESTHESIA—COMPLICATIONS AND SEQUELAE

Postoperative respiratory insufficiency caused by pulmonary edema during anesthesia in patients with mitral stenosis. V. A. Kovanev, IU S. I'zhev. Eksp. khir. i anest. no. 4:70-73 '65.

ANESTHETICS

Electroencephalographic data in analgesic anesthetics. T. A. Buritkova, D. N. Gadzhiev. Eksp. khir. i anest. no. 4:75-77 '65.

Synthesis of the derivatives of α -aminobenzoic acid with a possible local anesthetic effect. N. N. Valashko. Farmats. zhur. 18 no. 6:25-27 '63.

ANGARA VALLEY—BOTANY

Vegetation of the left bank of the lower Angara River. A. V. Belov, V. A. Roshin. Rast. pokr. Krasnaya kn. 2:165-170 '65.

ANGARA VALLEY—FOREST ECOLOGY

Characteristics of the seasonal rhythm of the development of some plant associations in the lower Angara Valley. A. V. Ronginskaya, N. N. Lashchinskii. Rast. pokr. Krasnaya kn. 2:220-233 '65.

ANGELICA

Pharmacology of the Japanese angelica tree *Aralia mandshurica*. V. I. Kirilutina. Farm. i toks. 27 no. 6:701-702 N-D '64.

ANGIOGRAPHY

Current aspects of the diagnosis and surgical treatment of extensive hemangiomas of the extremities. N. I. Kravovskii, V. A. Taranovitch. Eksp. khir. i anest. no. 4:62-67 '65.

Diagnosis and surgical treatment of patients with occlusion of the popliteal artery and vessels of the leg. M. P. Viltanski, V. K. Gordienko, L. V. Poluektov. Sov. med. 27 no. 5:20-25 My '64.

Method and technique of transfemoral aortorenovasography in renal tuberculous. V. B. Sytenko. Klin. khir. no. 6:87-89 '65.

Significance of rheovasography in the examination of blood circulation of the popliteal artery and its branches in the leg. N. I. Kravovskii, V. A. Zolotarevskii. Sov. med. 27 no. 5:17-20 My '64.

Significance of terminal angiopulmonography in the examination of pulmonary circulation. Eksp. khir. i anest. no. 4:15-17 '65.

ANGIOSPERMS

Phenomenon of haploidy in angiosperms. G. A. Kirillov. Genetika no. 2:137-147 '66.

ANGREN HYDROELECTRIC POWER STATION—TECHNOLOGICAL INNOVATIONS

Medalists of the Exhibition of Achievements of the National Economy of the U.S.S.R. M. Doktorov, P. Shtimkov. Eksp. i zhizn' 8 no. 2:65 F '66.

ANILINE

Effect of diluents on the extraction of sulfuric acid, uranium (IV) and (VI) sulfates by *N*-decylamine. O. E. Zvingintsev and others. Zhur. neorg. khim. 11 no. 3:661-665 Mr '66.

Intermolecular reactions in the formation of complexes of aromatic diamines with chloranil and *p*-nitrophenol. A. V. Khimbovskiy, M. A. Saltikov, N. A. Kerimbokova. Zhur. fiz. khim. 40 no. 3:674-680 Mr '66.

Synthesis of isoduridine. E. V. Nikolayev, S. V. Zhuravlev. Zhur. org. khim. 2 no. 3:463-465 Mi '66.

Valence vibration of the amino group in compounds of aniline with zinc, cadmium, and mercury. M. S. Barvinok, I. S. Bukharova, IU S. Vaishtayn. Zhur. neorg. khim. 10 no. 10:2293-2295 O '65.

ANIMAL GUT INDUSTRIES see subdivision under

Proletarskaya District (Rostov Province)

ANIMAL LOCOMOTION

Bone-muscle lever arms in rodents of the family Scuridae. G. S. Katinas. Arkh. anat., gist. i emb. 50 no. 1:40-53 Ja '66.

Effect of temperature on the ermine locomotion in winter. V. A. Kargin. Zool. zhur. 15 no. 1:118-150 '66.

ANIMAL PRODUCTS see subdivision under Ussur-Maritan District

ANIMALS, HABITS AND BEHAVIOR OF

Uzhavini, E. R., and V. K. Shepeleva. [Essays on the development of innate behavior] Ocherki razvitiya vrozhdennogo povedeniya. Moskva, Nauka, 1966. 118 p.

ANIMALS, MARKING OF

Description of the home range of shrews with the help of marking. N. A. Nikitina, L. D. Kochagina. Biol. MOIP. Old. biol. 71 no. 1:26-31 Ja-F '66.

ANIMALS AS CARRIERS OF DISEASE

(see also subdivision under Moldavia)

Natural foci, epidemiology and clinical aspects of trichinosis. I. R. Diobinski, Z. I. Kriemneva. Trudy Kish. gos. med. inst. 11:189-222 '61.

Sources of trichinosis in Ryskany District, Moldavian S.S.R. and measures for their eradication. V. P. Simonova-Tsaralunga. Trudy Kish. gos. med. inst. 14:187-188 '61.

ANIONS

Effect of foreign anions on the kinetics of incomplete reduction of chromic acid. V. A. Karakov, A. T. Vagranian. Elektrokhimia 2 no. 2:189-192 F '66.

Sonotakala, L. P., and S. S. Vli'berg. [Analytical functions of anions] Analiticheskiye funktsii anionov. Pod red. A. P. Kreshkova. Moskva, Mosk. khimiko-tekhnologicheskii in-t, 1965. 82 p.

ANISIC ACID

Chemical changes during beta-decay in the composition of some *p*-anisyl derivatives. V. D. Nedudov and others. Radiokhimiya 8 no. 1:88-104 '66.

ANISOLE

Synthesis and properties of octafluoroanisole. G. P. Tatevov, S. V. Sokolov. Zhur. ob. khim. 36 no. 3:637-640 Mr '66.

ANKLE-DISLOCATION

Incidence of distortions of the talocrural joint and their treatment with diadynamic current. G. F. Perepelitsa, N. A. Kuz'min. Klin. khir. no. 6:50-51 '65.

ANKYLOSTOMIA see Hookworms

ANKYLOSTOMIASIS see Hookworm disease

ANNEALING OF METALS

Effect of bismuth on the brittleness of copper following recrystallization annealing. D. G. Butomo, O. S. Mnushkin. TSvet. met. 39 no. 2:83-84 F '66.

Studying the annealing of ceramic metal bushings in conditions of a continuous process. V. I. Bagin, P. F. Zhukova, A. R. Komarov. Porosh. met. 6 no. 1:76-80 Ja '66.

ANNIVERSARIES

Noteworthy dates. Nar. obr. no. 3:127 Mr '66.

ANORTHITE

Hydration properties of anorthite and pseudowollastonite. V. S. Goreskov. Zhur. prikl. khim. 39 no. 2:448-451 F '66.

ANOXEMIA

Activity of glucose-6-phosphatase in the liver and kidneys of rats in hypoxic hypoxia. V.V. Postupnev, N.V. Maidanova. Vop.med.khim. 12 no.1:78-81 Ja-F '66.

Comatose states and hypoxic psychoses in severe attacks of bronchial asthma. V.I. Rovinskii. Sov.med. 27 no.6:102-105 My '64.

Effect of camphor on the carbohydrate-phosphorus and oxidation metabolism of the myocardium in hypoxia. A.S. Saralnikov, G.C. Barkovskaya. Fiziol. zh. 27 no.6:763-766 N-D '61.

Reaction of striated muscle tissue to hypoxia. S.I. Kudel't-Osyova, H.O. Rodionov, V.I. Savost'yanov. Fiziol.zhur.[Ukr.] 12 no.1:12-19 Ja-F '69.

ANTARCTIC OCEAN—ICE—TESTING

Physicochemical properties of Antarctic sea ice. G.I. Baranov. Inform.biul.Sov.antark.eksp. no.51:43-16 '65.

ANTARCTIC OCEAN—OCEAN WAVES

Wind waves and the layer of discontinuity of water density in the Antarctic Ocean. N.F. Kudavtsev. Probl. Arkt.i Antark. no.21:10-24 '65.

ANTARCTIC OCEAN—OCEANOGRAPHY

The Antarctic convergence in the western part of the Indian sector of the Antarctic Ocean. V.G. Ledenev. Inform.biul.Sov.antark.eksp. no.57:77-84 '66.

ANTARCTIC OCEAN—SEAWATER—DENSITY

Wind waves and the layer of discontinuity of water density in the Antarctic Ocean. N.F. Kudavtsev. Probl. Arkt.i Antark. no.12:10-24 '65.

ANTARCTIC OCEAN—SUPERCOOLING

Are supercooled waters possible in the Antarctic? V.A. Spichin. Inform.biul.Sov.antark.eksp. no.55:31-33 '66.

ANTARCTIC REGIONS

Cooperation of scientists in Antarctica. M.M. Semov. Vest.AN SSSR 36 no.1:73-81 Ja '66.

Kirillov, I.F., and A.A. Rybnikov. [On a whaleboat around Antarctica] Na khibach volrug Antarktidy. Leningrad, Gidrometeoizdat, 1966. 77 p. (Na sushu, v more, v vozdukh)

ANTARCTIC REGIONS—ATMOSPHERE

Atmospheric circulation in the Antarctic; a brief survey of the present state of the problem. G.M. Tauber. Inform.biul.Sov.antark.eksp. no.57:60-64 '66.

Vertical motions in the atmosphere over the Antarctic. G.G. Tarakanov. Inform.biul.Sov.antark.eksp. no.57:65-70 '66.

ANTARCTIC REGIONS—BIBLIOGRAPHY

Bibliography. Inform.biul.Sov.antark.eksp. no.54:62-61 '65.

Bibliography. Inform.biul.Sov.antark.eksp. no.55:61-66 '66.

ANTARCTIC REGIONS—BIOLOGICAL RESEARCH

Ten years of biological research of the Soviet Antarctic Expedition, 1956-1966. A.P. Andrianov. Inform.biul.Sov.antark.eksp. no.57:120-127 '66.

ANTARCTIC REGIONS—CLIMATE

Relations of some geophysical processes of central Antarctica to weather changes. S.T. Sorlapov. Inform.biul.Sov.antark.eksp. no.54:12-14 '65.

ANTARCTIC REGIONS—CLOUDS

Significance of observations on noctilucent clouds. Ch.I. Villmann. Inform.biul.Sov.antark.eksp. no.57:71-76 '66.

ANTARCTIC REGIONS—GEOGRAPHICAL RESEARCH

Ten years of Soviet geographical studies of the Antarctic. K.K. Maikov. Inform.biul.Sov.antark.eksp. no.57:21-27 '66.

ANTARCTIC REGIONS—GEOLOGY, STRUCTURAL

Geological structure of Antarctica. M.G. Ravich. Inform.biul.Sov.antark.eksp. no.57:20-42 '66.

ANTARCTIC REGIONS—GEOPHYSICAL RESEARCH

Basic results of geophysical research at high latitudes. B.E. Brunnell. Inform.biul.Sov.antark.eksp. no.57:107-119 '66.

By radio from the Antarctic. Inform.biul.Sov.antark.eksp. no.54:55-67 '65.

By radio from the Antarctic. Inform.biul.Sov.antark.eksp. no.55:51-55 '65.

By radio from the Antarctic. Inform.biul.Sov.antark.eksp. no.57:28-32 '66.

Soviet research in the Antarctic for 10 years, 1956-1966. E.S. Korotkevich. Inform.biul.Sov.antark.eksp. no.57:5-20 '66.

ANTARCTIC REGIONS—GEOPHYSICS

Relations of some geophysical processes of central Antarctica to weather changes. S.T. Sorlapov. Inform.biul.Sov.antark.eksp. no.54:12-14 '65.

ANTARCTIC REGIONS—ICE

Causes of sudden calving of the shelf ice of Antarctica. L.V. Maksimov. Inform.biul.Sov.antark.eksp. no.54:29-32 '65.

ANTARCTIC REGIONS—MAPS

New American maps of the Antarctic. I.A. P. Koblenits. Inform.biul.Sov.antark.eksp. no.51:52-54 '65.

ANTARCTIC REGIONS—METEOROLOGICAL RESEARCH

Some results of meteorological and aerological studies in Antarctica for the period of 1956-1966. I.M. Dolgin. Inform.biul.Sov.antark.eksp. no.57:43-50 '66.

ANTARCTIC REGIONS—RUSSIAN EXPLORATION

Results of the work of the Tenth Seasonal Antarctic Expedition. M.E. Ostapkin. Inform.biul.Sov.antark.eksp. no.55:5-11 '65.

ANTARCTIC REGIONS—SNOW

New data on the snow accumulation regime in the inland areas of East Antarctica. V.M. Kotilakov, G.E. Lazarev, M.M. Likhachev. Inform.biul.Sov.antark.eksp. no.57:85-96 '66.

Periodicity of snow accumulation in Antarctica. V.N. Petrov, N.P. Smirnov, N.I. Bakov. Inform.biul.Sov.antark.eksp. no.57:97-106 '66.

ANTENNAS (ELECTRONICS)

Chebyshevian distribution of current for a plane lattice of radiators. E.V. Baklanov. Radiotekh. i elektron. 11 no.4:745-748 Ap '66.

Gulbaev, N.A. [Radio waveguides, cavity resonators, and microwave antennas] Radiotekhnika, ob'emye rezonantov i linyi UKV; uchebnoe posobie po osnovam radiotekhniki dlia tekhnicheskikh vuzov. Moskva, Svyaz', 1965. 103 p.

Synthesis of a continuous linear antenna according to the stationary phase method. E.I. Krupitskii. Radiotekh. i elektron. 11 no.4:653-661 Ap '66.

Use of a vector potential in the study of plane logarithmic helical antennas. A.B. Goroshchenia. Radiotekh. i elektron. 11 no.4:662-667 Ap '66.

ANTENNAS (ELECTRONICS)—MEASUREMENT

Effect of the displacement of the irradiator from the focus on the accuracy of antenna measurements. K.S. Stankevich, N.M. Tselikhin. Radiotekh. i elektron. 11 no.3:491-495 Mr '66.

ANTHELMINTICS

Anthelmintic effect of juglone. V.I. Zakharov, V.S. Kuznetsova. Trudy Kish.gos.med.inst. 14:220-232 '61.

Deworming of dogs in echinococcosis by the combined method (ascaricide with ester extract of rattle fern). I.U. Putane. Trudy Mosk vet.akad. 19 no.2 pl.1:57-61 '57.

Effect of diltazine on animals of different species. I.V. Sidorov. Trudy Mosk vet.akad. 22 no.2:67-77 '68.

Effect of naphthomone (alcapar) and its derivatives on the consumption of glucose and the formation of volatile fatty acids in *Ascaris suum* (Goez, 1782). I.A. Pushkarov. Med.paraz. i paraz.bol. 35 no.2:164-167 Mr-Apr '66.

Results of the use of dichlosal (phenasal combined with dichlorophene) and phenasal combined with acrinoline in Taeniarhynchus infestations. V.IU. Suvorov. Med.paraz. i paraz.bol. 35 no.2:233-234 Mr-Apr '66.

Testing the anthelmintic action of acetone extract of male fern and rhizome of male fern in experimental echinococcosis of dogs. I.U. Putane. Trudy Mosk vet.akad. 19 no.2 pl.1:43-58 '57.

Treatment of Taeniarhynchus infestations with phenasal. N.E. Kovalev. Med.paraz. i paraz.bol. 35 no.2:234-235 Mr-Apr '66.

ANTHRACENE

Alkylation of anthracene in the presence of zinc chloride. I.A. Romanov. Sbory nauuch. rab. Volg. gos. ped. inst. 1 no.1:23-30 '64.

ANTHRACITE COAL

(see also subdivision under Donets Basin)

Measures taken for preventing overblowage of anthracite coal in mines of the Rostovgor' Combine. A.I. Rabychev, A.G. Tikhomirov, G.G. Kuznetsov. Ugol' 41 no.2:28-31 F '66.

ANTHRACITE COAL—TESTING

(see subdivision under Donets Basin)

ANTHRAQUINONES

Anthraquinone derivatives. Part 7: Polyhalo-substituted 1,4-diaminoanthraquinone. N.S. Dolanikhin, Z.Z. Moiseeva, V.A. Malatnikova. Zhur.org.khim. 2 no.3:516-518 Mr '66.

Natural quinones. Report No.1: New anthraquinone from Rubia Iberica (Fisch. ex D.C.) C. Koch. V.A. Sukhin, A.I. Ban'kovskii, M.E. Perel'son. Khim. prirod. soed. 2 no.1:12-15 '60.

1-Acylaminoanthraquinones and their 2- and 4-methyl substituted compounds. N.S. Dolanikhin, V.I.A. Paim Zhur.org.khim. 19 no.2:173-175 F '60.

ANTHRAX

Shliakhov, E.N. [Epidemiology, diagnosis and prevention of anthrax] Epidemiologiya, diagnostika i profilaktika sibirskoi izvyy. Kishinev, Kaitia moldovenaske, 1960. 112 p. (DNLM)

ANTHRAX—MICROBIOLOGY

Use of blood agar in differentiation between the anthrax bacillus and some aerobic acid bacilli. A.D. Melniko. Trudy Mosk vet.akad. 19 no.2 pl.1:86-88 '57.

ANTHRUSOLOGY

see subdivision under Bukovina

ANTHRUSOLOGY see subdivision under Dniester Valley; Prut Valley

ANTHYLLIS

see subdivision under Caucasus

ANTIBIOSIS

Experimental data on the therapeutic action of Bacillus subtilis in pneumonia tuberculosis. A.I. Kagramanov, N.M. Makaveich. Sov.med. 29 no.1:66-73 Ja '66.

ANTIBIOTICS

Coccidiosis in chicks and its prophylaxis. U.Kh. Losent. Veterinarita 12 no.1:111 Ja '66.

Comparative evaluation of methods for determining antibiotics in cow milk. O.S. Simetkii. Veterinarita 42 no.1:102-103 Ja '66.

Cross resistance in the antineoplastic antibiotic group of the oligomycin-mitramycin type. V.A. Shorin, S.P. Shapovalova. Antibiotiki 11 no.3:239-242 Mr '66.

Effect of antibiotics on the synthesis of RNA and proteins in the bone marrow cells in rabbits. B.K. Khukhlov, V.S. Tsengur. Vop.med.khim. 12 no.1:37-41 Ja-'66.

Effect of protein synthesis inhibiting antibiotics on the structural organization of yeast cells. L.A. Shevchenko, V.I. Izhizova, M.N. Melnik. Mikrobiologiya 35 no.1:85-91 Ja-F '66.

Effect of some antibiotics on the course of experimental pneumonia in the light of morphological studies. K.N. Prozorovskaya, A.V. Novikova. Antibiotiki 11 no.3:257-260 Mr '66.

Effect of streptomycin and cycloserine on the mitotic activity. Antibiotiki 11 no.3:232-233 Mr '66.

Effectiveness of the use of antibiotics and chemical preparations in experimental coccidiosis of poultry. N.A. Glubova, V.M. Petrov. Vest.sel'khoz.nauk [Kazakh.] 9 no.2:73-79 F '66.

Microflora of the bile and the determination of its sensitivity to antibiotics in treating chronic cholecystitis and cholangitis. A.A. Zaitinov. Azeb.med.zhur. 41 no.12:19-25 D '64.

Problems of compound preventive treatment of rheumatic fever with bicillin and antirheumatic agents. I.U. Gordon. Sov.med. 27 no.5:91-97 My '64.

Some characteristics of the clinicopathologic picture of bronchiectasis treated with antibiotics. T.G. Iatzerovskaya, S.I. Ovcharenko. Sov.med. 27 no.5:10-13 M. '64.

State of some functions of the liver in typhoid fever treated with antibiotics. S.I. Aron. Sov.med. 27 no.5:40-46 My '64.

Study of the dynamics of the bacteriological process following treatment with kanamycin, chlorotetracycline and streptomycin in experimental tularemia. E.M. Tsvetkova. Antibiotiki 11 no.3:253-257 Mr '66.

Use of large doses of antibacterial preparations in surgical therapy of fibrocavernous pulmonary tuberculosis. A. Zaza. Probl.tub. no.3:41-45 '65.

Use of tetracycline and streptomycin in treating patients with chronic hepatitis and cholecystitis. T.I. Iordan'skaya. Antibiotiki 11 no.3:270-273 Mr '66.

ANTIBIOTICS—PHYSIOLOGICAL EFFECT

Role of antibiotics and oxygen in changes of the adsorption capacity of the peritonium. N.A. Kryzhanovskii. Eksp. khim. i anat. no.4:34-37 '65.

ANTIBIOTICS AS FEED

Mechanism of the action of antibiotics. O.A. Gornakov. Priroda no.2:93-94 F '66.

ANTICOMMUNIST PROPAGANDA

see Propaganda, Anticommunist

ANTICONVULSANTS

see Antispasmodics

ANTIGENS AND ANTIBODIES

Content of various vitamin A forms in liver microsomes of chicks immunized with an antigen from the nematode Ascaridia galli. Z.K. Loutskina. Dokl.AN SSSR 166 no.5:1240-1247 F '66.

Cytotoxic effect of antibiotics on normal and cancer cells of man (in tissue culture). A.N. Kulagin, I.I. Podolskiy. Vop.onk. 12 no.2:50-54 '66.

AFSHERON PENINSULA—TREES—DISEASES AND PESTS

Evaluating nematocides in controlling Meloidogyne infestation of tree species. V.S. Tieskova. Trudy AzSTAZRa 2:23-28 '64.

AFSHERON PENINSULA—VEGETABLES—DISEASES AND PESTS

Effectiveness of new nematocides in controlling root knot nematode on vegetables. D.M. Sadykhov. Trudy AzSTAZRa 2:29-35 '64.

AQUATION

Aquation of chloroethylamine-bis-ethylenediaminecobalt-nitrate in aqueous organic solutions. V.D. Pannaluf, L.G. Reller, Zhur. neorg. khim. 11 no. 3:609-613 Mr '66.

ARAB AMIRATES OF THE SOUTH—PETROLEUM INDUSTRY

London's Arabian mirage. G. Dramblants. Nov. vsem. 23 no. 14:26-27 Ap '66.

ARAB COUNTRIES

Project of an "Islamic Alliance." I. Bellaev. Nov. vsem. 23 no. 15:12-13 Ap '66.

ARAB COUNTRIES—POLITICS

Arabian East: The summit conference. O. Aksanov. Nov. vsem. 23 no. 14:20-21 Ap '66.
Behind the screen of the "Islamic pact." S. Steikina. Mezhdunar. zhizn' 13 no. 4:119-129 '66.

ARABIAN SEA—SERPENTINITES

Serpentinites from the crest of the Arabian Sea-Indian Ocean Range. V.I. Chernysheva, P.L. Bozrukov. Dokl. AN SSSR 166 no. 4:961-964 F '66.

ARABIC MANUSCRIPTS see Manuscripts, Arabic

ARABINOSE

Rate of L-arabinose transformation by Candida tropicalis in various cultures. IU. N. Karasevich, A.P. Ipatova. Mikrobiologiya 34 no. 6:866-871 N-D '65.

ARAL SEA REGION—POTATOES—IRRIGATION

Effect of irrigation on the growing period of potatoes in the Sea of Aral region. P.A. Malingin. Dokl. Akad. sel'khoz. nauk. no. 2:14-17 F '66.

ARBITRATION AND AWARD

(see also subdivision under Ukraine)

Arbitration practice. Sov. iust. 30 no. 6:32 Mr '66.
Arbitration practice. Sov. iust. 30 no. 7:32 Ap '66.
Give supervisory functions to agency arbitration organs. P. Lapina. Sov. iust. 30 no. 7:27 Ap '66.
Some issues confronting government arbitration due to new measures on the administration of industry. S. Ordynskii. Sov. iust. 30 no. 5:4-5 Mr '66.

ARBORETUMS see subdivision under Uzbekistan

ARBUZOV REARRANGEMENT see Rearrangements (Chemistry)

ARCHAEOCYATHIDAE

(see also subdivision under Argun Valley, Chita Province)

Discovery of triple axial symmetry in Cambrian Archaeocyathina. A.G. Volodgin, M.M. Iazmir. Dokl. AN SSSR 166 no. 4:947-950 F '66.
Extent of the genus Archaeocyathus and the family Archaeocyathidae. V.M. Iaroslavich. Paleont. zhur. no. 1:19-27 '66.

ARCHAEOLOGICAL RESEARCH

The First Conference on the Archaeology and Ethnography of the Southwest of the U.S.S.R. V.S. Beilekhi. Krat. soob. Inst. arkh. no. 195:132-134 '65.

ARCHAEOLOGY see subdivision under Dnieper Valley; Volga Valley; White Russia

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHAEOLOGY—JUVENILE LITERATURE

Fedorov, G.B. [Daily surface] Dnevnaia poverkhnost'. [Ed. 2, dop. i perer.] Moskva, Det. skola literatura, 1966. 379 p.

ARCHAEOLOGY—METHODOLOGY

Archaeology argues with physics. L.S. Klein. Priroda 55 no. 3:94-107 '65.
Archaeology argues with physics (to be concluded). L.S. Klein. Priroda no. 2:51-62 F '65.

ARCHANGEL—CARGO HANDLING

Communists are at the head of the collective. B. Khudovkov. Mor. flot 26 no. 3:8-9 Mr '66.

ARCHANGEL PROVINCE—BIRCH

Age-conditioned structure of birch stands in Archangel Province. N.P. Chuprov. Izv. vys. ucheb. zav., les. zhur. 8 no. 6:23-31 '65.

Volume of the northern birch. O.A. Navolin. Izv. vys. ucheb. zav., les. zhur. 8 no. 5:32-34 '65.

ARCHANGEL PROVINCE—FORESTS AND FORESTRY

Connections of Pomorie. K.A. Novikov. Otkryti' 12 no. 3:185-190 N '66.

ARCHANGEL PROVINCE—GRAPHOPHORIUM

Scotichia festuacea (Willd.) Link. in Archangel Province. L.I. Krasovskii. Bot. zhur. 51 no. 1:129-128 Ja '66.

ARCHANGEL PROVINCE—SPRUCE

Age-conditioned structure of birch stands in Archangel Province. N.P. Chuprov. Izv. vys. ucheb. zav., les. zhur. 8 no. 6:23-31 '65.

ARCHANGEL PROVINCE—WOOD PULP INDUSTRY—BY-PRODUCTS

Utilization of wastes from the processing of sulfate soap. T.A. Grigor'eva. Bum. prom. no. 2:20 F '66.

ARCHANGEL PROVINCE—WORLD WAR, 1939-1945

Ovsyankin, E.I. [Heroic deeds of the workers of Arkhangel Province in the years of the Great Patriotic War, material for discussions and reports] Geolcheskie podvig i trudashchikstva Arkhangel'skoi oblasti v gody Velikoi Otechestvennoi volny, material dlia besed i dokladov. [Arkhangel'sk] Arkhangel'skii obkom KPSS, 1965. 33 p. (CSI-II)

ARCHES

Composite arches and bars of varying section. A.N. Ter-Mikhe'lian. Stroi. mekh. i mash. 8 no. 1:36-38 '66.

Static and dynamic stability of combination systems. V.I. Kilmanov. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 10:56-66 '65.

Studying three-dimensional deformation of circular symmetrical arches considering the flexibility of abutment. T.A. Bekhua. Soob. AN Gruz. SSR 41 no. 1:113-120 Ja '66.

ARCHITECTURAL AND DECORATIVE LIGHTING see Lighting, Architectural and decorative

ARCHITECTURE

(see also subdivision under Japan, Leningrad, Ukraine; Yaroslavl Province)

Design should be up to the present-day standard of science and technology. M. Sukholutskii. Stroi. arkh. 14 no. 3:33-34 Mr '66.

Don't slacken but develop initiative; some problems in standard construction work and the improvement in the quality of urban construction projects. A.A. Ljubov. Stroi. arkh. 14 no. 2:14-15 F '66.

The national and the international in architecture. IU. Iaralov. Sov. arkh. 11 no. 17:97-110 '65.
Soviet architecture at a new stage. I. Dnestrov. Stroi. arkh. 11 no. 1:5-6 Ja '66.

ARCHITECTURE—CONGRESSES

Statements by architects. Dmitrii Burdin and others. Sov. arkh. 11 no. 17:2-22 '65.

ARCHITECTURE—CONSERVATION AND RESTORATION

In the Executive Committee of the Leningrad Soviet. Stroi. i arkh. 14 no. 2:336-3 of cover Mr '66.

ARCHITECTURE—DESIGNS AND PLANS

Designers save their time and reduce the expenditure of state funds. D.S. Fel'dman. Vop. arkh. 9 no. 4:63-65 O-N '64.
New procedure in changing plans for contractual construction and assembly work. Ekon. stroi. no. 8:69-71 Ag '64.

ARCHITECTURE, MEDIEVAL see subdivision under Russia, Northern

ARCHIVES

(see also subdivision under Azerbaijan; France; Gomei' Province; Kemerovo Province; Transcaucasia; Ukraine)

Designers save their time and reduce the expenditure of state funds. D.S. Fel'dman. Vop. arkh. 9 no. 4:63-65 O-N '64.

Indivisibility of archival collections and some problems of their systematization. L.I. Solodovnikova, V.V. Tsaplin. Vop. arkh. 9 no. 4:73-80 O-N '64.

Some results of the work of the Central Archives of the National Economy of the U.S.S.R. A.G. Fedorov. Vop. arkh. 9 no. 4:17-24 O-N '64.

Some theoretical and practical problems of archival work. G.A. Bolov. Vop. arkh. 9 no. 4:3-10 O-N '64.

A way to strengthen the archival apparatus of scholarly reference aid. N.I. Kuprianova. Vop. arkh. 9 no. 4:41-44 O-N '64.

ARCHIVES—INVENTORIES, CALENDARS, ETC.

Compiling the index "Private collections of archival materials in the depositories of the U.S.S.R." IU. I. Gerasimova. Trudy Gos. bibl. SSSR 9:110-112 '66.

ARCTIC OCEAN—OCEANOGRAPHY

Structure of the water masses of the eastern part of the Arctic basin. E.G. Nikiforov, E.V. Delysheva, N.I. Blinov. Okeanologiya 6 no. 1:76-81 '66.

ARCTIC REGIONS—AERONAUTICS, COMMERCIAL

Exploit in the Arctic. M. Filippenko. Grahd. av. 23 no. 1:27 Ap '66.
He who seeks shall find. V. Gurdzhants. Grahd. av. 23 no. 1:21 Ap '66.

ARCTIC REGIONS—ATMOSPHERIC TURBULENCE

Some characteristics of turbulent exchange in the Arctic. A.M. Kovtova. Probl. Arkt. i Antark. no. 2:12-18 '65.

ARCTIC REGIONS—CONGRESSES

Arctic Basin Symposium. A.I. Inutkina. Probl. Arkt. i Antark. no. 2:100-102 '65.

ARCTIC REGIONS—HUMIDITY

Distribution of specific and relative humidity in the central sector of the Arctic. I.M. Dolgin, G.U. Kaimova. Probl. Arkt. i Antark. no. 12:36-41 '65.

ARCTIC REGIONS—ICE ACCIDENTS

Repairing holes by the use of a calson during navigation in ice. P. Miroshnichenko. Mor. flot 26 no. 2:33-34 F '66.

ARCTIC REGIONS—WORLD WAR, 1939-1945—NAVAL OPERATIONS

Meeting at the 75th parallel; on the 20th anniversary of the victory over fascist Germany. M.I. Bolov. Probl. Arkt. i Antark. no. 2:15-10 '65.

ARGALI see subdivision under Alma-Ata Province

ARGILLITE see subdivision under Lvov-Volyn Basin

ARGININE—THERAPEUTIC USE

Arginine and glycerol in acute phthalic anhydride poisoning. M.G. Stepanov. Farm. iteka 27 no. 6:71-72 N-D '64.

ARGON

(see also subdivision under Dnieper-Donets Lowland)

Equation for the pressure curve of argon vapor. L.I. Lurii, V.A. Rabinovich. Zhur. fiz. khim. 40 no. 3:709-711 Mr '66.

ARGON ISOTOPES

Determinability of extremely small quantities of Ar³⁷ and Ar³⁹. S.V. Viktorov, G.E. Kocharov, V.O. Nakhlenov. Zhur. tekhn. fiz. 36 no. 1:100-201 Ja '66.

Methodology of the analysis of radiogenic argon in minerals by means of isotopic dilution. G.Kh. Chedzhemov. Min. shor. 19 no. 1:81-85 '65.

ARGUN VALLEY (CHITA PROVINCE)—ARCHAEOCYATHIDAE

New single-walled tectonic Archaeocyathi in the Argun Valley. A.G. Volodgin, V.D. Fonin. Dokl. AN SSSR 167 no. 1:187-190 Mr '66.

ARISTOPHANES

Aristophanes and his mythological lexicon. A.F. Losov. Uch. zap. MGPI no. 234:232-233 '65.

ARITHMETIC—AUDIO-VISUAL AIDS

Calculator for a first grade. E.B. Demchenko. Shkola i prolz. 10 no. 3:72-73 Mr '66.

ARITHMETIC—DICTIONARIES

Moscow. Universitet družby narodov. Kafedra algebr i geometrii. [Short Russian-Arabic dictionary of mathematical terms] Kratkii russko-arabskii slovar' arifmeticheskikh terminov. Moskva, 1965. 34 p.

ARLAN OIL FIELD—OIL WELL PUMPS

Experimental investigation of the performance of a sinking pump in the Arlan oil field. I.M. Murav'ev, I.T. Mishchenko. Neft. khoz. 43 no. 12:48-52 D '65.

ARMED FORCES see subdivision under Russia

ARMENIA—AGRICULTURAL LABORATORIES—EXHIBITIONS

Work practices of the Armenian agricultural and chemical laboratory. V. Smirnova. Inform. biul. VDNKII no. 1:4-5 Ja '66.

ARMENIA—AGRICULTURE—ACCIDENTS

Traumatism in the workers on state farms in the Armenian S.S.R. T.L. Kistosturian. Sov. med. 28 no. 2:89-91 F '66.

ARMENIA—CANNING INDUSTRY

In the Atrium Canners. S.A. Grigorian, S.G. Agabalian. Kons. i ov. prom. 21 no. 3:7-8 Mr '66.

ARMENIA—CAULIFLOWER

Cauliflower seed production at the Leninakan Breeding Station. A. M. Agadzhanian. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:21-30 '61.

ARMENIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The 24th Congress of the Communist Party of Armenia. Part. zhizn' no. 6:57-59 M. '66.

ARMENIA—COTTON—DISEASES AND PESTS

Brief results of the study of the verticillium desiccation of cotton in Armenia. A. A. Babatun. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:113-131 '61.

Effect of the methods of cultivation practices on decreasing the susceptibility of cotton to the spider mite. R. N. Ananian. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:165-170 '61.

ARMENIA—COTTON BREEDING

Some work results of cotton breeding in Armenia. A. M. Adzhabian, G. B. Lalaev. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:64-74 '61.

ARMENIA—COTTON WILT

Effect of various methods of tillage on the yield and vulnerability of cotton to wilting. K. A. Karapetian. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:158-161 '61.

ARMENIA—ELECTRONIC INDUSTRIES

Radioelectronics in Armenia. B. Melik-Shakhnazarov. Radio no. 2:9-10 F '66.

ARMENIA—EXCAVATIONS (ARCHAEOLOGY)

Tel'shebalni (Karmir-Blu), a Urartean fortress. B. B. Piotrovskii. Krat. soob. Inst. arkheol. no. 100:72-78 '65.

ARMENIA—GEOLOGICAL TIME

Age of the Artama series. V. T. Akopian. Izv. AN Arm. SSR, Nauki o zem. 18 no. 9:18-24 '65.

New data on the age of the Oktemberian series (Armenian S.S.R.). A. A. Gabrielyan, A. A. Tolmachevskii. Izv. AN Arm. SSR, Nauki o zem. 10 no. 6:11-17 '65.

ARMENIA—GEOLOGY, STRATIGRAPHIC

Stratigraphic division and the paleogeography of the time of the formation of Quaternary lake and lake-river sediments in the Leninakan depression. I. U. V. Safadin. Sov. geol. 9 no. 2:141-145 F '66.

ARMENIA—GRAIN—DISEASES AND PESTS

New data on the wintering and development cycle of the stripe rust Puccinia glumarum of cereals in Armenia. M. A. Mkhitarian. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:132-139 '61.

Studying the specialization of the loose smut of wheat and other cereals. N. A. Kechebek. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:140-145 '61.

ARMENIA—HISTORY

Ter-Gevondian, A. [Arabian emirates in Bagratid Armenia] Arabskie emiraty v Bagratidskoi Armenii. Erevan, Izd-vo Akad. nauk Armianskii SSR, 1965. 311 p. (NJP)

ARMENIA—LEAD

Native lead and zinc in the rocks of Armenia. P. M. Baibekian. Zap. Vses. min. ob-va 95 no. 1:80-102 '66.

ARMENIA—MANUFACTURES—EXHIBITIONS

In the center of attention are the problems of quality. A. Lazorian. Inform. blud. VDNKH no. 4:39 Ap '66.

ARMENIA—SAVINGS BANKS

Savings management in the Armenian S.S.R. V. Agaslan. Den. i kied. 24 no. 2:65-69 F '66.

ARMENIA—SEED PRODUCTION

Cauliflower seed production at the Leninakan Breeding Station. A. M. Agadzhanian. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:24-30 '61.

ARMENIA—STATE FARMS

Traumatism in the workers on slate farms in the Armenian S.S.R. T. L. Kristofyan. Sov. med. 20 no. 2:89-91 F '66.

ARMENIA—TILLAGE

Results of the study of the basic tillage of soil, proposed by T. S. Mal'tsev, under conditions of the mountain-steppes zone of Armenia. G. M. Davydovskii. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:5-12 '61.

ARMENIA—TOMATOES—VARIETIES

Effect of severe pinching back on some economic indices of the Argavandi 45 tomato variety. E. A. Govorkin, G. G. Khachatrian. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:85-83 '61.

ARMENIA—VITICULTURE

We need more grapes and fruits. V. Alaberdian. Agitator 33 no. 7:33 Ap '66.

ARMENIA—WATER, UNDERGROUND

Development of principles of the paleohydrological analysis of mountainous countries. M. P. Khodzholan. Izv. AN Arm. SSR, Nauki o zem. 18 no. 6:50-57 '65.

ARMENIA—WEED CONTROL

Canada thistle and its control. A. F. Khochelev. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2:13-23 '61.

ARMENIA—ZINC

Native lead and zinc in the rocks of Armenia. P. M. Bartikian. Zap. Vses. min. ob-va 95 no. 1:99-102 '66.

ARMIES see subdivision 'Army' under Hungary; Poland, Russia

ARMS AND ARMOR—EXHIBITIONS

Relics of our glory have been presented to the Historical Museum. G. Kolomiets. Voenn.-ist. zhur. 8 no. 3:110-118 Mr '66.

ARMS AND ARMOR, GREEK

Doiran phalanx and its origin. V. D. Blavatskii. Mat. i issl. po arkheol. SSSR no. 130:225-229 '65.

ARMS AND ARMOR, PRIMITIVE see subdivision under Kutan, Smolensk Province

ARMSTRONG, LOUIS, 1900-

My life in music. Louis Armstrong. Teatr 27 no. 2:157-166 F '66.

AROMATIC COMPOUNDS

Biosynthesis of some aromatic compounds by wood-decaying fungi. A. N. Shvirina, O. P. Nizkovskaya. Izv. AN SSSR, Ser. biol. no. 2:287-294 Mr-Apr '66.

Discussion of problems in modern chemistry: conference in Novosibirsk. N. N. Vorozhtsov and others. Vest. AN SSSR 36 no. 2:169-173 F '66.

Effect of paramagnetic particles on the crystallization temperature of substances with a conjugation system. A. A. Bortin, Kh. M. Gafurov, V. P. Parin. Izv. AN SSSR Ser. khim. no. 2:331-332 '66.

Increasing the output of benzene, toluene, and xylene in the platforming of gasoline fractions. V. S. Aftev and others. Neftekhimiya 5 no. 3:347-350 My-Je '65.

Polyfluoroalkylaromatic ketones and keto acids. F. I. Abogazov, N. I. Gubkina, S. V. Sokolov. Zhur. ob. khim. 36 no. 3:528-531 Mr '66.

Synthesis of vinylacetylenic aromatic hydrocarbons from unsaturated ketones. T. G. Shishimakov, M. I. Baidamova, I. L. Kottikovskii. Izv. AN SSSR, Ser. khim. no. 2:350-362 '66.

AROMATIC PLANTS—FERTILIZERS AND MANURES

Methods of applying mixed organic-mineral fertilizers to aromatic plants. E. T. Chikvanava, L. N. Ledenik. Trudy Sukh. opyt. sta. efitromesl. kul't. no. 5:47-53 '64.

AROMATIZATION

Aromatization of paraffinic hydrocarbons in a fluidized bed of an alumina-chromia catalyst. B. A. Kazanskii and others. Neftekhimiya 5 no. 4:482-485 M-Apr '65.

ARREST

Unlawful detention and resisting a police officer or an auxiliary policeman. A. A. Piontkovskii. Sov. gos. i pravo 36 no. 4:120-134 Ap '66.

ARRHYTHMIA

Antifibrillation properties of hydrazine derivatives in experimental acute coronary insufficiency. N. K. Popova. Farm. i toks. 20 no. 1:44-47 Ja-F '66.

Comparative effectiveness of a single electrical impulse and alternating current in defibrillation of the heart in electrical injuries. N. L. Gurevich, G. N. Kobokov, V. A. Makarychev. Elektrichesvo no. 3:38-40 Mr '66.

Hawthorn as an antiarrhythmic agent. D. I. A. Guseinov. Azeib. med. zhur. 43 no. 1:31-36 Ja '66.

Study of the cellular activity of the sinus venosus on an aconitine model of auricular fibrillation. L. V. Rozen-shtraukh. Fiziol. zhur. 52 no. 1:86-90 Ja '66.

Therapeutic tactics in emergency cases of cardiac insufficiency with suspected digitalis intoxication. M. E. Slutskii. Sov. med. 20 no. 1:88-103 Ja '66.

ARROWHEADS

The arrowheads of Tatars and Mongols found in Eastern Europe. A. F. Medvedev. Sov. arkheol. 10 no. 2:50-60 '66.

ARSENIC

Electrode potential of arsenic films in alkaline solutions. V. M. Kochegarov, T. P. Lomskina. Elektrikhiya 2 no. 2:240-243 F '66.

Methods of determining arsenic content in sulfur. E. Kh. Zemskaya. Koks. i khim. no. 2:40-60 '66.

ARSENIC—ANALYSIS

New polarographic method for determining arsenic in natural waters. L. N. Davydov. Dop. AN URSS no. 1:90-94 '66.

ARSENIC ACIDS—TOXICOLOGY

Fungicidal properties and toxicity of the esters of some trivalent arsenic acids with respect to warm-blooded animals. I. D. Nekrasova, N. V. Egorova, M. A. Kudina. Dokl. AN SSSR 166 no. 5:1121-1124 F '66.

ARSENIC COMPOUNDS

Determination of phosphorus in arsenic and arsenic trioxide. V. G. Gorishina, N. V. Evmenina. Zhur. anal. khim. 21 no. 2:239-241 '66.

ARSENIC ORGANIC COMPOUNDS see Organoarsenic compounds

ARSENIC SELENIDE

Structural-chemical characteristics of glasses. AsSe₃, 5Ge₃. E. V. Shkol'nikov, Z. U. Borlaeva. Vest. LGU 21 no. 4:120-128 '66.

ARSENOPIRYTE see subdivision under Donetsk Basin

ARSINIC ACIDS

Esterification of alkyl- and arylarsinic acids by monatomic alcohols. B. D. Chernokhol'skii, V. S. Gamal'ova, G. Kh. Kamat. Izv. vys. ucheb. zav. khim. i khim. tekhn. 8 no. 8:950-962 '65.

ART

Akademiya nauk SSSR. Institut istorii iskusstva. [History of Russian art.] Istoriya russkogo iskusstva. Pod obshech. red. I. E. Gnaniar'ta, V. C. Kamenova i V. N. Lazareva. Moskva, Nauka. Vol. 11. Dook 1. 1965. 585 p. illus.

Vassilov, V. V. [All-round development of personality and the forms of art.] Vsestronnoe razvitiye lichnosti i vdy iskusstva. Moskva, Sovetskii Khudozhnik, 1963. 100 p.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—EXHIBITIONS

"Theater and music in art." G. Plotnina. Inform. blud. VDNKH no. 1:35-36 Ap '66.

ART—JUVENILE LITERATURE

Andreeva, M. V., L. V. Antonova, and O. B. Dymkova. [Stories about three arts.] Rasskazy o trekh iskusstvakh. Leningrad, Detskaya lit-ra, 1965. 238 p. illus.

ART—STUDY AND TEACHING

Pictorial art and work. V. V. Kalokol'nikov. Shkola i prodv. 10 no. 3:45-47 Mr '66.

ART, AFRICAN

Africa gets ready for a festival. L. Khanga. Teatr 26 no. 7:151, 154 JI '65.

African Negro art. Leopold Sedar Sengor. Az. i Afr. seg. 9 no. 3:34 M '66.

Festival of African Art. V. Sof'ia. Nov. vrom. 23 no. 16:30-32 Ap '66.

ART, MEXICAN

Zhadova, L. A. [Mexico's monumental painting.] Monumental'naia zhivopis' Meksiki. Moskva, Iskusstvo, 1965. 233 p. illus.

ART, MODERN—20th CENTURY

Nekhoroshev, I. I. [Formalism is the enemy of progress, an enemy of the truth of life.] Formalizm - vrag novotstva, vrag zhiznennoi pravdy. Leningrad, Khudozhnik RSFSR, 1965. 37 p. (NIC)

"Second reality" of art and the contemporary aesthetic mythology. I. I. Vinogradov. Vop. filos. 20 no. 3: 61-63 '66.

ART, PRIMITIVE see subdivision under Kazakhstan; Khakass Autonomous Province

ART, UKRAINIAN

Popov, L. I., and V. P. Pavlov. [Soviet Ukrainian art of the 1920's and 1930's] Ukrains'ke radians'ke mystetstvo 20-30-hi roky. Kyiv, Mystetstvo, 1966. 72 p. illus. (Dobryi z latorii mystetstva)

ART AND INDUSTRY

Our readers like these new publications. Do you? Agitator 33 no. 5:15 Mr '66.

ART GALLERIES AND MUSEUMS see subdivision under Alupka (Crimea); Leningrad; Moscow

ART INDUSTRIES—EXHIBITIONS

Taste and workmanship. G. Kaipushenko. Inform. blud. VDNKH no. 4:36-37 Ap '66.

ART INDUSTRIES—STUDY AND TEACHING

Creators of the ancient but eternally young art. K. Kono-plev. Sred. shkola, obr. 13 no. 2:30-33 F '66.

ART OBJECTS—CONSERVATION AND RESTORATION
Soveshchanie po voprosam konservatsii i restavratsii khudozhestvennykh tsennostei, Moscow, 1960. [Reports and communications of the Conference on the Problems of the Conservation and Restoration of Art Objects] Doklady i soobshcheniia. . . Moskva, VTsNILKR.
 Pt. 1 Filatov, V. V., ed. [Painting] Zhtvopis' [1960] 78 p.
 Pt. 2 Bellakova, L. A., ed. [Graphic art] Grafika 1960 65 p.
 [MICROFILM]

ARTEMOVSK—CITY PLANNING

Planning and construction of Artemovsk R Perekrst Stroil. i arkh. 14 no. 1-17 Ja '60

ARTERIES—AGING

Age-related changes in the arteries of the human thyroid gland. N. B. Likhacheva, Sbor. nauch. rab. vrachei Kar. ASSR no. 4:156-171 '62.

ARTERIES—DISEASES

Diagnosis and surgical treatment of patients with occlusion of the popliteal artery, and vessels of the leg. M. P. Vittanski, V. K. Gordienko, L. V. Polukhov. Sov. med. 27 no. 5:23-25 My '64.

Sound methods used in the diagnosis of stenosis of the major arteries G. L. Ratner, E. K. Emet'yanov Sov. med. 29 no. 1:20-26 Ja '66.

State of the blood coagulation system in obliterative endarteritis V. P. Chernenko, Klin. khir. no. 1 68-70 '65

Treatment of obliterative endarteritis with prolonged novocaine block of the lumbar sympathetic ganglia. A. I. Fomchenko Klin. khir. no. 4:52-54 '65

ARTERIOSCLEROSIS

(see also subdivision under Kirovabad)

Coronary pain syndrome in patients with coronary atherosclerosis complicated by inflammation of the sympathetic trunk and its treatment. E. I. Sorokina, Sov. med. 29 no. 1 85-90 Ja '66.

Effect of fresh and dried vegetables on the development of experimental hypercholesterolemia and atherosclerosis in rabbits. D. A. Kaidin, I. V. Kemet'eva, L. I. Grebennik. Farm. i toka. 29 no. 1:110-113 Ja-F '66.

Effect of vitamin B₂ on the basic indices of blood lipids in coronary atherosclerosis. G. M. Isazade, G. M. Rzaev. Azerb. med. zhur. 43 no. 3:9-14 Mi '66.

Free liver nucleotides in experimental atherosclerosis. N. P. Oduzhko, Vop. med. khim. 12 no. 1:48-51 Ja-F '66

Metabolism of some vitamins in pneumosclerosis. V. A. Novikov. Sov. med. 20 no. 2:115-118 F '66.

Pharmacological study of the preparation plicatol. B. M. Klebanov Farmats. zhur. 18 no. 6:40-51 '63.

State of the elastic structures of the aortic wall in atherosclerosis V. T. Ljamshev. Arkh. pat. 28 no. 1 25-30 '66

State of the interstitial substance of the arterial walls in experimental atherosclerosis F. I. Ptashkina, V. T. Ljamshev. Bull. eksp. biol. i med. 61 no. 1:87-90 Ja '66.

Therapeutic effect of a diet containing seafood in coronary atherosclerosis. E. G. Paramonova and others. Sov. med., 29 no. 2:11-15 F '66.

ARTESIAN WELLS

Use of artesian wells for irrigation in Uzbekistan. N. L. Morozov. Gidr. i mel. 18 no. 2:18-29 F '66.

ARTESIAN WELLS—MAINTENANCE AND REPAIR

Controlling the sanding of artesian wells. A. V. Nadareishvili. Gidr. i mel. 18 no. 3:50-54 Mr '66.

ARTHRITIS—COMPLICATIONS AND SEQUELAE

Surgical treatment of the sequelae of nonspecific infectious polyarthritis. F. R. Bogdanov. Ortop., travm. i protez. 27 no. 3:13-10 Mr '66.

ARTHRITIS, RHEUMATOID

Cystlike changes in the bones in arthritis deformans. I. I. Shakov. Azerb. med. zhur. 43 no. 2 31-35 F '66.

Pathological anatomy of the osteoarthral system in adults with the Urov disease. N. F. Kamshina. Arkh. pat. 28 no. 1:9-14 '66.

Pathomorphological and histochemical changes in tuberculous synovitis and osteoarthritis of the knee joint. N. I. Kirkesaia. Sbor. AN Gruz. SSR 41 no. 1 183-190 Ja '66

ARTHIROPLASTY

Classification of mobilizing operations. A. A. Rumiantseva, Ortop., travm. i protez. 27 no. 2:73-75 F '66.

ARTHROPOD-BORNE VIRUSES—GENETIC RESEARCH

Mutations of some arboviruses induced by chemical mutagens. G. D. Zasukhina, I. A. Rapoport. Genetika no. 1:89-98 Ja '66.

ARTICHOKES

New flavonoid isolated from the leaves of *Cynara scolymus* L. L. I. Danth, V. T. Chernobai. Khim. prirod. soed. 2 no. 1:16-20 '66.

ARTIFICIAL FUR

Use of synthetic fibers in the preparation of card silver for artificial fur. H. P. Ruzhynko, O. I. Pins'kyt. Lezh. prom. no. 1 8-8 Ja-F '66.

ARTIFICIAL INSEMINATION

Dilation of the duct of sperm. V. A. Koinash. Vest. sel'khoz. nauk. 10 no. 6:172-75 Jo '65.

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL SATELLITES

[Space research] Ref. zhur.: Issl. kosm. piost. nos. 2-3 F-Mr '66.

ARTIFICIAL SATELLITES—RADIO OBSERVATIONS

Ionosphere, radio, artificial earth satellites. tA, L. Al'peit. Zem. i vesl. 2 no. 1:2-9 Ja-F '66.

ARTIFICIAL SATELLITES—TRACKING

[Results of observations of Soviet artificial earth satellites] Rez. nabl. sov. isk. apot. Zem. nos. 8-9, 13-14, '66, nos. 15-18 '69.

ARTIFICIAL SATELLITES IN NAVIGATION

Airplane piloting with the assistance of artificial earth satellites. N. Kondrat'ev, V. Odintsov, V. Savchenko. Av. i kosm. 43 no. 1:63-66 '62.

ASBESTOS CEMENT

Automatic equipment set for preparing asbestos-cement mix. K. P. Nikolaev. Stroil. i dor. mash. 10 no. 11:9-12 N '65.

ASBESTOS-CEMENT PIPE see Pipe, Asbestos-cement

ASBESTOS FIBERS

Polarkov, A. S. [General technology of asbestos spinning and weaving] Obshchaya tekhnologiya priadeniia i tkachestva asbesta. Moskva, Vysshaya shkola, 1965. 90 p.

ASBESTOS PRODUCTS

Efficient method of cleaning of card clothing in the technology of the manufacture of asbestos yarn. F. F. Besudnyit, G. V. Fruktoy. Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 1:54-58 '66.

ASCARIDS AND ASCARIASIS

(see also subdivision under Moldavia; Moscow Province)

Anthelmintic properties of actinomycetes isolated from soil of sewage irrigation fields. L. I. Skripka, A. M. Brinskatina. Med. paraz. i paraz. bol. 35 no. 2:140-145 Mr-Apr '66.

Content of various vitamin A forms in liver microsomes of chicks immunized with an antigen from the nematode *Ascaris galli*. Z. K. Leutskaya. Dokl. AN SSSR 166 no. 5 1218-1247 F '66.

Course of epidemic hepatitis in patients with ascariasis. G. K. Burlak. Trudy Kish. gos. med. inst. 14:135-137 '61.

Effect of naphthamone (alcoapar) and its derivatives on the consumption of glucose and the formation of volatile fatty acids in *Ancistrus suum* (Goebe, 1782). I. A. Pushkarov. Med. paraz. i paraz. bol. 35 no. 2:154-157 Mr-Apr '66.

Eosinophilia of the peripheral blood and bone marrow of guinea pigs in experimental ascariasis. V. L. Beliaev. Med. paraz. i paraz. bol. 35 no. 2:175-178 Mr-Apr '66.

Toxocarosis in cats and man. I. R. Drobnitskii. Trudy Kish. gos. med. inst. 14:177-188 '61.

ASCOCHYTA

Transmission of the ascochyta blight of chick-pea by seeds and the effectiveness of seed disinfection. M. S. Khachatrian. Sbor. nauch. i trud. Nauch. i issl. inst. zem. no. 2:147-155 '61.

ASCORBIC ACID

Spectrophotometric study of ascorbic complexes. Part 4: Europium - ascorbic acid system. V. L. Beliaev. Med. paraz. i paraz. bol. 35 no. 4:141-145 '66.

Spectrophotometric study of ascorbic complexes. Part 5: Systems holmium - ascorbic acid and erbium - ascorbic acid. K. P. Stoltarov, I. A. Amantova. Vest. LGU 21 no. 4:155-159 '66.

ASEEV, NIKOLAI NIKOLAEVICH, 1899-1963

Wind of heroic style. Al. Rokhovich. Oktabr' 42 no. 4: 203-208 Ap '66

ASEXUAL REPRODUCTION see Reproduction, Asexual

ASIA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inostr. lit. po stran. Az. i Afr. nos. 1-2 '66.

ASIA—GEOLOGY, STRUCTURAL

History of the development of conjugated zone in the Asiatic continent and Pacific Ocean. B. A. Petrushevskii. Bull. MOIP Old geol. 11 no. 1 5-27 Ja-F '66.

ASIA—HISTORY—STUDY AND TEACHING

About the teaching of the history of Asia and Africa. N. D. Korobov, V. B., G. A. Smolin. Nauch. i Afr. no. 2:91-102 '66.

ASIA—PEASANTRY

Characteristics of the peasant movement in the developing countries of Asia and North Africa. I. U. G. Aleksandrov. Nar. Az. i Afr. no. 2:13-14 '66

A conference on the problems of the peasant movement. I. U. A. Nar. Az. i Afr. no. 2 234-238 '66.

Problems of the peasant movement in Asian and African countries: conference in Moscow. P. P. Molisev. Vest. AN SSSR 36 no. 2 173-175 F '66

ASIA—POLITICS

From Nazim Hikmet's manuscript heritage: "Some questions and answers on the liberation struggle of the peoples of Asia and Africa," and "Brief notes on theatrical themes" (in connection with the performance of the play "The white lotus") Nar. Az. i Afr. no. 2: 141-147 '66.

ASIA—VILLAGE COMMUNITIES

A spectral formation or a transitional state of society? S. E. Kravtzenskii. Nar. Az. i Afr. no. 2 87-90 '66.

ASIA, CENTRAL—BOTANY, ECONOMIC

Chevrepidi, S. Kh. [Tannin plants of Central Asia] Dobil'nye rastenija Srednei Azii. Tashkent, Nauka, 1965 328 p.

ASIA, CENTRAL—PETROLEUM—CONGRESSES

From a visit to Japan. M. G. Izv. vys. ucheb. zav.; notit' i gaz. 9 no. 1:100-108 '66.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASPEN

Yield of unaged timber from aspen saw logs and its defects. V. I. Nikanov. Izv. vys. ucheb. zav.; les. zhur. 6 no. 6 111-114 '65.

ASPERGILLUS

Value of the saccharification capability of raw fermentation preparations of *Aspergillus oryzae*. N. I. Cherevko and others. Khim. prom. no. 1:32-33 Ja-F '66.

ASPERGILLUS—CULTURES AND CULTURE MEDIA

Cellulolytic enzymes of the thermophilic and mesophilic strains of *Aspergillus fumigatus*. Zh. Technol. i Mikrobiologiya 35 no. 1 27-34 Ja-F '66.

Effect of amino acids on the dextrinase biosynthesis in an experimentally produced *Aspergillus uzamii* strain 3758/45. V. B. Kotov, S. A. Kononov, Mikrobiologiya 35 no. 1 20-26 Ja-F '66.

Glucanase formation in the submerged culture of *Aspergillus awamori*. R. V. Fentkova, V. G. Ryzhakova. Prikl. biokhim. i mikrobiol. 2 no. 2:144-150 Ma-Apr '66.

Mechanism of the glucose inhibition of induced amylose synthesis in *Aspergillus oryzae*. R. V. Fentkova, A. S. Tkhomirova, A. K. Kulikova. Mikrobiologiya 34 no. 6 972-977 N-D '65.

Selecting media and optimal conditions for *Aspergillus niger* cultures and obtaining preparations of pectinolytic enzymes by a submerged culture method. V. I. Smirnov, E. E. Shikhanov, Ispol' mtk-roorg. v nar. khoz. no. 2: 23-32 '65.

Study of free intracellular amino acids and amino acid composition of protein in *Aspergillus uzamii* strains. V. B. Kotov, S. A. Kononov, A. K. Ocharov. Mikrobiologiya 34 no. 6:982-985 N-D '65.

ASPHALT

Asphalt cauldron with infrared heaters. N. Urupova. Avt. dor. 29 no. 3:20-21 Mr '66.

Plant installation for forming structural petroleum asphalt into blocks without using paper. P. I. Churakov. Neftepr. i neftekhim. no. 1:46-48 '66.

ASPHALT CONCRETE

Novosibirsk. Institut inzhenerov vodnogo transporta. [Methodological manual on the design, construction, and maintenance of asphalt-concrete pavements in shore embankment and river regulation; for courses in the improvement of the qualifications of engineers in the Novosibirsk Institute of Engineers of Water Transportation specializing in the "Major improvement of navigation conditions in difficult sections of rivers and the design of regulatory structures"] Metodicheskoe posobie po proektirovaniu, stroitel'stvu i ekspluatatsii asfal'tobetonnykh pokrytii pri boregoiukreplenii i vypravlenii rek; dlia kursov povysheniia kvalifikatsii inzhenerov i tekhnicheskikh rabotnikov pri NIIVTe po spetsializatsii "Kapital'noe uluchshenie sudokhodnykh uslovii na zatrudnitel'nykh uchastkakh rek i proektirovanie vypravitel'nykh sooruzhenii." Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 60 p.

ASPHALT CONCRETE (Continued)

Thermal plastification of asphaltes from the Budagovo deposit. V. V. Tutulina, L. I. Pavlovskiy, Trudy IPI no 21 136-142 '61

ASPHALT CONCRETE—TESTING

Simple control method of the quality of asphalt-concrete mix. V. A. Borisov, Avi dor 20 no 3 14 Mr '65

Using the acoustic method in checking the quality of asphalt concrete. I. V. Znachuk, E. F. Nefedova, Avi dor 20 no 3 8-10 Mr '65

ASPHYXIA

Morphological changes in the brain of dogs following clinical death caused by mechanic asphyxia. N. P. Romanova, G. P. Pionovskaya, Sud.-med eksp. 1, 9 no 1 10-14 Ja-Mr '66

ASSASSINATION see subdivision under France

ASSEMBLY-LINE METHODS

Analysis and design of the automation system for the tubular heaters of the "Lang" production line. M. I. Khait, Koms. i ov prom, 21 no 3 11-18 Mr '66

Calculation of the coordinated work of motors in the continuous production lines of textile enterprises on the basis of the G-D multi-engine system. G. G. Kovalev, Izv. vys. ucheb. zav.; tekhn. dokl. prom. no. 1 128-131 '66

Continuous indirect method of soap cooking with the use of centrifugal separators. I. M. Tovbin, E. E. Painberg, Mash. i zh. prom, 31 no 1 28-30 Ja '65

Continuous line of grain cleaning and drying. Zemledelo 28 no 1 72-74 Ja '66

Continuous line of manufacturing large aluminum vessels. D. P. Antonets, A. F. Dvorkhuk, Avtop. svar, 18 no 2, 64-66 F '65

Efficiency of semiautomatic production lines based on worm conveyors in the manufacture of leather. H. S. Lashko, N. T. Shevukina, Lekh. prom, no. 1 31-34 Ja-F '66

Experience in the use of the AVZh production line. A. Sokolov, Mias, ind. SSSR 37 no. 1 14 '66

Introducing a conveyor line for assembling electric record players. B. T. Divinskiy, Biol. tekhn. ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform. 19 no. 1 24-27 Ja '66

Mechanization of production in the enterprises of the automobile industry. R. I. Ishinskiy, Inform. bini, VDNKh no 1 6-8 Ja '66

Nine-story large-panel apartment houses on the assembly line. A. Kosogov, B. Krokov, S. Silmenko, Na stroi. Ross. 7 no. 1 20-21 Ja '66

Preparing large totally prefabricated gas concrete elements on an assembly line. A. M. Gorshkov and others, Stroi. mat. 12 no. 3 3-4 Mr '66

ASSEMBLY-LINE METHODS—EQUIPMENT AND SUPPLIES

Reliability and efficiency of automatic assembling units. K. I. Mutsenk, B. A. Lezhov, Vest. mashinost. 46 no. 3 49-52 Mr '66

ASTHMA

Comatose states and hypoxic psychoses in severe attacks of bronchial asthma. V. I. Rovinskiy, Sov. med. 27 no. 5 102-105 My '64

ASTRAKHAN-BAZAR DISTRICT—SOILS

Soils in Astrakhan-Bazar District of the Azerbaijan S. S. R. R. V. Kovalev, S. B. Faradzheva, Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 13 30-37 '65

ASTRAKHAN PROVINCE—AGRICULTURE—ACCOUNTING

Our aid to collective and state farms. G. V. Ivanov, Vest. etat. no. 3 71-72 '66

ASTRAKHAN PROVINCE—FISH TRADE

Additional resources for a turnover. P. Vlasov, Sov. potreb. koop. 10 no. 3 22 Mr '66

ASTRONAUTICS

(see also subdivision under United States)

Aeronautics is the cradle of astronautics. K. Vorobin, Avi. i kosm. 44 no. 5 2-5 '62

Dreams come true. G. I. Pokrovskiy, Sov. voen 48 no. 6 30-40 Mr '66

The first space five-year plan. N. Kamanin, Kryl. rod. 17 no. 4 7 Ap '66

Five pages from the annals of outer space. P. Astashonkov, Agitator 33 no. 5 130-41 Mr '66

Man and the universe. B. Faddeev, Kommunist 42 no. 3 42-51 F '66

[Space research] Ref. zhur.; Issl. kosm. prostr. nos. 2-3 F-Mr '66

Space today and tomorrow. A. A. Leonov, Sov. voen 46 no. 6 34-40 Mr '66

Stars of the motherland. I. Merkulov, Kryl. rod. 17 no. 4 4-6 Ap '66

We pioneered the flights into the expanse of outer space. N. Donatov, Komm. Vooruzh. Sil 47 no. 7 53-58 Ap '66

ASTRONAUTICS—COMMUNICATION SYSTEMS

Systems of space communications. A. Velichkin, Avi. i kosm. 44 no. 5 20-33 '62

ASTRONAUTICS—CONGRESSES

The 16th International Congress on Astronautics. Sections of meteorological satellites and the international lunar laboratory. K. I. Kondrat'ev, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 2 210-222 F '66

The 26th International Congress on Astronautics. Sections of meteorological satellites and the international lunar laboratory. K. I. Kondrat'ev, Meteor. i gidrol. no. 3 45-48 Mr '66

ASTRONAUTICS—SOCIETIES, ETC.

Clubs and schools of young astronauts. I. Kravtsov, Avi. i kosm. no. 4 85-89 Ap '66

ASTRONAUTICS AND CIVILIZATION

Social aspects of the conquest of outer space. E. Kol'man, Mir. ekon. i mezhdunar. otn. no. 4 35-45 '66

ASTRONAUTICS IN ART

Artists of a great dream. Kryl. rod. 17 no. 4 16 Ap '66

ASTRONAUTICS IN ASTRONOMY

Relativistic "distance reducer" and "increaser." Priroda no. 2 100-108 F '66

ASTRONAUTS

The first day of a new era. Avi. i kosm. 44 no. 5 90-91 '62

Letters to astronauts. Avi. i kosm. 44 no. 1 87-88 '62

On routes of peace and friendship. Nikolai Denisov, Grazhd. av. 23 no. 1 8-10 Ap '66

Remote and near. Avi. i kosm. 45 no. 12 84-85 '62

[The whole planet is proud of them; statesmen and public figures, journalists, writers and artists of foreign countries about the flights of Soviet astronauts] Imi gorditela vsha planeta, gosudarstvennye i obschestvennye delateli, zhurnalisty, pisateli i khudozhniki zarubezhnykh stran o poletakh sovetskikh kosmonavtov. Moskva, Voenizdat, 1966, 222 p.

ASTRONAUTS—NUTRITION

Terrastrial model of a space greenhouse. M. A. Mil'khin, kor. Priroda no. 2 102-105 F '66

ASTRONOMERS

Meeting of amateur astronomers of the U. S. S. R. and Holland. Zem. i vesl. 2 no. 1 86-90 Ja-F '66

ASTRONOMICAL INSTRUMENTS

Studying the shape of transients of a transit instrument. E. A. Snakulov, Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 2 80-82 '66

ASTRONOMICAL PHOTOGRAPHY

Pages from the history of astronomical photography. O. D. Dokuchayeva, Zem. i vesl. 2 no. 1 33-41 Ja-F '66

ASTRONOMY—ABSTRACTS

[Astronomy] Ref. zhur.; Astron. no. 3 Mr '66

ASTRONOMY—CONGRESSES

Forum of Soviet specialists in astronomy and geodesy. E. P. Levitan, Zem. i vesl. 2 no. 1 42-49 Ja-F '66

Fourth Congress of the All-Union Astronomical and Geodetical Society. V. A. Bronshien, Vest. AN SSSR 36 no. 2 156-158 F '66

ASTRONOMY—OBSERVATIONS see subdivision under Clubs

ASTROPHYSICS

Chemistry in outer space and on the moon. V. Nikiforov, Avi. i kosm. 45 no. 12 24-28 '62

ASTROPHYSICS—CONGRESSES

New methods of astrophysical observations; plenum of the Commission on the Physics of Stars and Nebulae. M. E. Dolarchuk, Vest. AN SSSR 36 no. 1 144-146 Ja '66

ATANSOR LAKE REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphy and composition of the "Upper Mylisor horizon" of the Caradoc stage in the Lake Atansor region (northern Kazakhstan). V. S. Zaika-Novatskiy, V. S. Mishchenko, Mat. po geol., geofiz. i geokhimi. Ukr., Kazakh., Zabelk. no. 2 43-56 '64

ATHEISM

(see also subdivision under Enku; Chechen-Ingush A. S. S. R.)

The methods of persuasion. B. Mar'ianov, Agitator 33 no. 4 45-47 F '66

There were many questions. L. Olukhovskaya, Sov. radio i tel. 12 no. 4 23 Ap '65

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—EXHIBITIONS

A traveling exhibition. T. Mamedov, Agitator 33 no. 4 47 F '66

ATHEISM—STUDY AND TEACHING

Atheistic training should have a well-organized system. P. N. Karnitskiy, Vest. vyzhivaniya 24 no. 2 61-61 F '66

Let's develop lasting atheistic convictions. M. F. Zakharov, L. I. Evselevskiy, N. N. Zhelezovskiy, Sred. shkola, obsh. 13 no. 1 10-14 Ja '66

Without God the path is wider. M. Shet and others, Doshk. vosp. 39 no. 3 91-95 Ms '66

ATLANTIC OCEAN—HERRING

Observations on the biological state and behavior of Atlantic herring during the 11th SRT-710 expedition in 1964. D. E. Gusev, Mat. rybnokhoz. issl. Sev. bas. no. 5 52-56 '65

Observations on the vertical migrations of herring in the main wintering area of the Norwegian Sea and the catching capacity of a midwater trawl in 24 hours. I. G. Udanov, Mat. rybnokhoz. issl. Sev. bas. no. 5 28-31 '65

ATLANTIC OCEAN—MICROMESISTIUS

Micromesistius of the Porcupine Bank. A. S. Polonskiy, Ryb. khoz. 42 no. 2 5-9 '66

ATLANTIC OCEAN—OCEAN CURRENTS

Dynamics of currents in the Norwegian and Greenland Seas. V. V. Penin, Mat. rybnokhoz. issl. Sev. bas. no. 5 80-90 '65

Study of currents in the Atlantic Ocean according to data of multifidural buoy stations. E. M. Saustan, Okeanologiya 6 no. 1 53-61 '66

ATLANTIC OCEAN—SEAWATER—COMPOSITION

Study of the vertical water exchange in the ocean from data on the distribution of strontium-90 in it. R. V. Ozmidov, N. I. Popov, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 2 183-190 F '66

ATLANTIC OCEAN—SUBMARINE TOPOGRAPHY

Outlines of submarine topography, the latest explorations of the bottom of the Atlantic Ocean. A. V. Il'in, Priroda 55 no. 3 38-47 '66

ATLANTIC OCEAN—WATER—COMPOSITION

Distribution of hydrochemical elements in the region between the Faeroe Islands and Iceland in November-January of 1963-1964. A. I. Sveinlov, Mat. rybnokhoz. issl. Sev. bas. no. 5 91-98 '65

ATLASES

Atlas published in Switzerland for secondary schools. Jan Pravda, Geod. i kart. no. 11 64-68 N '65

ATMOSPHERE

(see also subdivision under Antarctic regions; Central Chernozem region; Mirnyy Station region, Antarctica, Southern Hemisphere; Tropics)

Aerostatic complex of automatic solar spectrophotometers for the optical sounding of the free atmosphere in the portion of the spectrum from 0.4 to 1.4 μ . I. A. Badinov, S. D. Andreev, Probl. fiz. atm. no. 3 174-188 '65

Comparison of experimental and theoretically computed values of the intensity of anisotropic heat radiation of the atmosphere. K. E. Akushevskaya, Probl. fiz. atm. no. 3 69-72 '65

Evolution of initial disturbances of circulation. V. D. Reshetov, Trudy TSAO no. 62 139-146 '65

Forecasting the mean value of the indexes of atmospheric circulation for a natural synoptic period. M. N. Fedulova, Meteor. i gidrol. no. 4 26-29 Ap '66

Influence of random heterogeneities of the atmosphere on the intensity of outgoing thermal radiation of the earth. V. A. Baryshev, Probl. fiz. atm. no. 3 105-110 '65

Iudin, M. I. [Study of factors causing unsteadiness of the general atmospheric circulation] Ob izuchenii faktov, obustoylvalushchikh nestatsionarnost' obshchego iskrakallatell atmosfery. Moskva, Akad. nauk SSSR, 1965, 24 p. (Mezhdunarodnyy simpozium po dinamike i upomnasshikh atmosferykh protsessov)

On the threshold of outer space. V. V. Mikhnevich, Zem. i vesl. 2 no. 1 17-21 Ja-F '66

Propagation of disturbances in a baroclinic atmosphere in the presence of radiation and eddy heat conduction. M. B. Galin, A. K. Popov, S. I. Rudenko, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 3 230-247 Mr '66

ATMOSPHERE—CONGRESSES

International symposium on problems of the chemistry and physics of the atmosphere. K. P. Makhom'ko, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 2 217-218 F '66

International Symposium on the Chemistry and Radioactivity of the Atmosphere. S. G. Malakhov, Atom. energ. 20 no. 2 185-186 F '66

ATMOSPHERE, UPPER

Deviation from the Maxwellian distribution in the upper atmosphere. V. N. Konashenok, Probl. fiz. atm. no. 3 111-114 '66

Thermal effect of the $15\mu\text{CO}_2$ band in the upper atmosphere. G. M. Shved, Probl. fiz. atm. no. 3 96-104 '65

ATMOSPHERE, UPPER—ROCKET OBSERVATIONS

Kmito, A. A. [Methods of studying the atmosphere with the use of rockets and satellites] *Metody issledovaniia atmosfery s ispol'zovaniem raket i sputnikov*. Leninigrad, Gidrometeorizdat, 1968. 385 p.

ATMOSPHERIC ELECTRICITY

Influence of meteoric streams on the electric field of the atmosphere. A. I. Goshkov and others. *Izv. AN SSSR Fiz. atm. i okeana* 2 no. 3 315-319 Mr '66.

ATMOSPHERIC PRESSURE

Method of calculating the geopotential H_{500} for a natural synoptic period. E. I. Mepistavtseva. *Meteor. i gidrol.* no. 3, 10-14 Mr '66.

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Biological effect of oxygen under high pressures on the organism of man and animals, a review of the literature. A. I. Goshkov, A. F. Pankin. *Voen.-med. zhurn.* no. 2 26-30 F '66.

Significance of electrophysiological studies of respiration under excessive pressure for medical expertise on flying ability. N. A. Gol'din, S. I. Raev. *Voen.-med. zhurn.* no. 2 62-64 F '66.

ATMOSPHERIC TEMPERATURE

(see also subdivision under Milnyy Station, Antarctica)

Establishing the vertical temperature profile from the spectrum of outgoing radiation. V. P. Fozlov. *Izv. AN SSSR Fiz. atm. i okeana* 2 no. 2 137-148 F '66.

Equilibrium temperature gradient. M. I. Iudin. *Izv. AN SSSR Fiz. atm. i okeana* 2 no. 2 205-216 F '66.

Evaluation of the structural characteristics of temperature fluctuations in the atmosphere. A. S. Guvich, S. L. Zubkovskii. *Izv. AN SSSR Fiz. atm. i okeana* 2 no. 2 202-204 F '66.

Radiation temperature changes in the free atmosphere. K. A. Kondrat'ev, G. N. Gaevskaya. *Probl. fiz. atm.* no. 3-3-1/ '65.

Thermal effect of the $15\mu\text{CO}_2$ band in the upper atmosphere. G. M. Shved. *Probl. fiz. atm.* no. 3-05-101 '65.

ATMOSPHERIC TRANSPARENCY

(see also subdivision under Pacific Ocean)

Applicability of the theory of the multiple scattering of light in the atmosphere to the effect of anomalous transparency. S. I. Rodionov, B. N. Movchan. *Probl. fiz. atm.* no. 3 48-54 '65.

Regular twilight variations of atmospheric transparency in the ultraviolet ozone portion of the spectrum. S. I. Rodionov, B. N. Movchan. *Probl. fiz. atm.* no. 3 55-60 '65.

Transparency of the earth's atmosphere and division of the optical thickness into components in the 8-13 μ infrared portion of the spectrum. I. A. Badinov, S. D. Andreev. *Probl. fiz. atm.* no. 3 160-173 '65.

ATMOSPHERIC TURBULENCE

(see also subdivision under Arctic regions, Pacific Ocean)

Characteristics of turbulent exchange in the surface layer according to observations on the open ocean. V. G. Snopkov, I. U. A. Romanov. *Trudy Inst. okean.* 78:203-226 '65.

Energy spectra of pulsations of wind speed in the free atmosphere. N. Z. Pius. *Meteor. i gidrol.* no. 4:3-11 Ap '66.

Evaluation of the structural characteristics of temperature fluctuations in the atmosphere. A. S. Guvich, S. L. Zubkovskii. *Izv. AN SSSR Fiz. atm. i okeana* 2 no. 2 202-204 F '66.

Study of the turbulent atmosphere by means of an acoustic anemometer. V. N. Ivanov, I. U. B. Burakov. *Meteor. i gidrol.* no. 3:49-53 Mr '65.

Turbulent exchange of heat and moisture over oceans. V. G. Snopkov. *Trudy Inst. okean.* 78:154-178 '65.

ATOMIC BOMB—BLAST EFFECT

Effect of nuclear explosions on radio communication and radar. I. A. I. Faenov, I. S. Krasnitsnikov. *Vest. protivovozd. obor.* no. 1 88-93 Ja '66.

ATOMIC BONDS see Binding energy

ATOMIC ENERGY

(see also subdivision under Japan)

Glazkov, K. A. [Atom from A to Z] *Atom ot A do IA*. Moskva, Atomizdat, 1966. 170 p. (Nauchno-popul'nar'naya biblioteka atomizdata)

ATOMIC ENERGY IN AGRICULTURE

Isotopes for agriculture. A. Nikolaeva. *Atom. energ.* 20 no. 3:284 Mr '65.

ATOMIC ENERGY RESEARCH

(see also subdivision under Communist countries)

Advances in atomic energy. A. M. Petrosiants. *Atom. energ.* 20 no. 3:199-208 Mr '65.

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER PLANTS

(see also subdivision under Novovoronezhsky Atomic Power Plant)

The firstling in atomic engineering. V. Ukharov. *Informat. bulet. VDNKh* no. 6 35 Ja '64.

ATOMIC SHIPS

Some problems of international law in the operation of atomic ships. K. Voskresenski. *Mor. flot* 26 no. 7 11-15 F '66.

ATOMIC SPECTRA

Electromagnetic transitions in odd noncubic nuclei. V. V. Pashkevich. *Izv. AN SSSR Ser. fiz.* 30 no. 2 257-270 F '66.

ATOMIC WEAPONS AND DISARMAMENT

Committee of the 18 countries. V. Khar'kov. *Agtiator* 33 no. 6 55-56 Mr '66.

Problem of limiting the spread of nuclear weapons. V. Nekrasov. *Mit. ekon. i mezhdunar. otn.* no. 3 103-105 '66.

ATOMIZATION

Methods of determining the degree of dispersion of atomized fluids. N. N. Gulyaeva, V. F. Maksimov. *Trudy L'ITTSBP* no. 17:102-107 '65.

ATOMS

Klitagorodskii, A. I. [Order and disorder in the atomic world] *Porядок i besporядok v mire atomov*. Lzd 4., dop. Moskva, Nauka, 1966. 166 p.

ATRAKHOVICH, KANDRAT, 1896-

Ideological problems in Kandratt Krapiva's literary works. K. P. Buslau. *Vest. AN BSSR Ser. hum. nav.* no. 1:10-16 '66.

Kandratt Krapiva's articles of literary criticism; on his 70th birthday. V. V. Barysenko, V. U. Ivashyn. *Vest. AN BSSR Ser. hum. nav.* no. 1:5-8 '66.

ATRAZINE

Testing of some herbicides in Abkhazia. P. B. Alan, G. A. Levandzhita. *Trudy Sukh. opyt. sta. eftrnomesl. kul't.* no. 5 75 '64.

ATRAZINE—TOXICOLOGY

After effect of atrazine on vegetable crops. M. L. Razukina and others. *Khim. v sel'khoz.* 1 no. 3 55-58 Mr '66.

ATTACHMENT AND GARNISHMENT

Judicial practice concerning the decision to release property from attachment. *Sov. iust.* 30 no. 6 4-6 Mr '66.

ATTENTION

Training of attention is a condition of scientific labor-organization. A. Kalaev. *Sots. trud* 11 no. 3 86-91 Mr '66.

ATTORNEY AND CLIENT

Defense in cases of juvenile delinquents. L. Ulianova. *Sov. iust.* 30 no. 5:12-13 Mr '66.

Trial status of an advocate and the position he takes on a case. L. Ulianova. *Sots. zakon.* 43 no. 3 60-61 Mr '66.

AUCHENORRHYNCHA

New Palearctic and some non-Arctic Auchenorrhyncha (Homoptera). A. F. Emel'yanov. *Ent. oboz.* 45 no. 1: 95-133 '66.

AUCTIONS

International bids. K. Pavlov. *Vnesh. torg.* 46 no. 3: 45-48 '65.

AUDIO-VISUAL EQUIPMENT

(see also subdivision under Chelyabinsk Province)

Let us increase the production of the technical means of propaganda. P. Stepanov, A. Makarenko. *Agtiator* 33 no. 7 34-35 Ap '66.

AUDIO-VISUAL LIBRARY SERVICE see subdivision under Odessa Province

AUDITING AND INSPECTION

Aid of volunteers to the statistical organs of the R.S.F.S.R. M. Koketkin, M. Sergeev. *Vest. stat.* no. 3 67-71 '66.

Control over the fulfillment of the payment and receiving plan. M. Dzhekeev. *Den. i kred.* 24 no. 3:63-64 Mr '66.

Dembinskii, N. V., A. P. Vorobchikov, and M. Z. Kaufman. [Economic analysis of the managerial and financial operations of industrial enterprises] *Ekonomicheski analiz khoz. i finansovoi delatelnosti promyshlennyykh predpriyatii*. Pod obshch. red. N. V. Dembinskogo. Minsk, Belarus', 1965. 310 p.

Develop the branch analysis of managerial operations. B. Valuev. *Bukh. uch. et.* no. 2:3-5 F '66.

Improve departmental control. A. Kul'kov. *Bukh. uch. et.* no. 2:11-13 F '66.

Intensify the protection of socialist property. K. Pavlishchev, I. Kaganovich. *Sots. zakon* 43 no. 3 3-8 Mr '66.

Intradepartmental control in trade. A. Dzhaferian, T. Sigacheva. *Bukh. uch. et.* no. 2 14-16 F '66.

Prevent losses in trade. Z. Klimova. *Bukh. uch. et.* no. 2 52-55 F '66.

Savichev, P. I. [Analysis of the financial condition of an industrial enterprise] *Analiz finansovogo polozheniya promyshlennogo predpriyatiya*. Moskva, Finansy, 1966. 113 p.

AJESZKY'S DISEASE see Pseudotuberculosis

AURANTIN

Aurant biosynthesis by suspensions of *Acetomycetes* producing antibiotics. M. V. Nefelova. *Dokl. AN SSSR* 167 no. 1 205-209 Mr '66.

Conditions for aurant biosynthesis. M. F. Nefelova. *Mikrobiologiya* 35 no. 1 35-38 Ja-F '66.

Effect of aurantin on the dynamics of RNA synthesis of myxovirus in cells of the chorionallantoic membranes of chicken embryos. A. K. Gitol'man, A. G. Bukhtinskaya. *Antibiotiki* 11 no. 3, 227-232 Mr '66.

Quantitative changes in the proteins of adenoblasts following inhibition of the ribosome RNA synthesis by aurantin. V. A. Boudskii, N. V. Nechaeva. *Dokl. AN SSSR* 166 no. 5:1211-1213 F '66.

AUREOMYCIN

Experiments in treating cows with mastitis with aureomycin. F. I. Rutkin. *Trudy Mosk. vuz. akad.* 19 no. 2 pt. 1 70-85 '67.

AUSCULTATION

Sound methods used in the diagnosis of stenosis of the major arteries. G. L. Rainer, E. K. Emel'yanov. *Sov. med.* 20 no. 1 20-20 Ja '66.

AUSTRALIA—GRAIN—STORAGE

Mechanized grain storage bins. V. Ten'kevich, V. Musilko. *Tekhn. v sel'khoz.* 26 no. 7 80-89 F '66.

AUSTRALIA—TOMATOES—VARIETIES

Australian tomato varieties. Z. D. Artigina. *Vest. sel'khoz. nauki* 10 no. 6:68-71 Jo '65.

AUSTRIA—GREENHOUSES

Tower conveyor greenhouses in Austria. N. Gavrilov. *Tekhn. v sel'khoz.* 20 no. 3:80-91 Mr '66.

AUSTRIA—INDUSTRIAL MANAGEMENT

Struggle of Austrian trade unions for participation in industrial management. I. U. Antushin. *Mit. ekon. i mezhdunar. otn.* no. 3:112-115 '66.

AUSTRIA—POLITICS AND GOVERNMENT

Revitalization of reactionary forces. D. Zedgenidze. *Mezhdunar. zhurn.* 13 no. 1:120 '66.

AUSTRIA—WORKS COUNCILS

Struggle of Austrian trade unions for participation in industrial management. I. U. Antushin. *Mit. ekon. i mezhdunar. otn.* no. 3:112-115 '66.

AUSTRIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Some problems of the Austrian resistance movement in the studies of bourgeois and reformist historians. S. I. Voskresenski. *Vest. LGU* 20 no. 2:49-58 '65.

AUTOCLAVES

Equations, transmission functions and structural diagrams of digesters with periodical action. I. S. Podhelo. *Trudy L'ITTSBP* no. 17:170-170 '65.

Obtaining refractory materials with an aluminum-magnesium binding by the hydrothermal method. E. I. Ved', E. F. Zharov. *Ogneupory* 31 no. 2:52-55 '66.

Studying the direct regulation of digesters with periodical action and direct heating. I. S. Podhelo. *Trudy L'ITTSBP* no. 17:180-182 '65.

AUTOIMMUNE DISEASES

Circulating antitissue antibodies in lupus erythematosus. G. I. Zhuravlev. *Sov. med.* 20 no. 2:83-88 F '66.

AUTOMATA

Algorithmic insolubility of a problem in the theory of finite automata. M. I. Kratko. *Disk. anal.* no. 2:37-41 '64.

Evaluation of the reliability of structurally reserved discrete automata. V. B. Svechnikov. *Izv. vyzh. uch. et. zav. elektromekh.* 0 no. 2:200-208 '66.

One method for the synthesis of abstract finite asynchronous automata. F. A. Annov. *Trudy Vych. tsentra AN Azerb. SSR* 3:20-20 '65.

Some new evaluations in the theory of finite automata. V. S. Grinberg. *Dokl. AN SSSR* 166 no. 5:1066-1068 F '66.

AUTOMATIC CONTROL

(see also subdivision under Siberia, Western)

Technical aspects of engineering psychology should be implemented in the creation of information and control systems. I. Gubinskiy, N. Kolesnikov. *Avtometriya* no. 6:116-117 '65

Adaptation, teaching, and learning in automatic systems. A. Z. Tsybkin. *Avtom. i telemek.* no. 1:23-31 '66.

Academy of Sciences of the USSR, Frunze, Institut avtomatiki. [Elements of the theory of automatic regulation and control.] *Elementy teorii avtomaticheskogo upravleniya i kontrolya*. Frunze, Ilim, 1965. 73 p.

Algorithm of optimum load distribution between units. V. P. Kuzin. *Avtom. i telemek.* no. 1:110-150 '66.

Analysis and design of the automation system for the tubular heaters of the "Ling" production line. M. A. Kheif. *Kons. i ov. prom.* no. 3:11-18 Mr '66

Analysis of a composite control system with automatic adjustment of the controller according to perturbation. V. M. Perel'muter. *Avtom. i telemek.* no. 2:123-128 '66.

Analytical design of optimal linear digital controllers. P. D. Krut'ko. *Avtom. i telemek.* no. 2:100-112 '66.

Angular displacement to frequency converter unit using thyristors and transistor elements. A. L. Abukhin. *Trudy VNIKAneftgaz* no. 1:10-102 '65.

Approximate method for the synthesis of an integral control system for industrial objects with distributed parameters. M. S. Kravtsov, I. G. Krushal'. *Avtometriya* no. 6:105-102 '65.

Approximation analysis of self-oscillations of digital systems with feedback. S. L. Chechin. *Trudy LPI* no. 256:131-139 '65

Automatic control and economics. V. A. Trapeznikov. *Avtom. i telemek.* no. 1:5-22 '66.

Automatic control of centrifugal oil-field pumps. D. Sh. Vain. *Mash. i elekt. obr.* no. 1:38-40 '66.

Automatic control of concrete aggregate storage. A. G. Bol'fox, V. B. Grubsheln. *Mekh. i avtom. priboz.* '90 no. 2:6-11 '66.

Automatic control of drying by sublimation. B. P. Kamovnikov, I. F. Mueheva, I. A. Ginzburg. *Kons. i ov. prom.* no. 3:8-12 Mr '66

Automatic control of filtrate pumps at the plants of the Southern Mining and Oil Dressing Combine. P. N. Dutchenko. *Gor. zhur.* no. 3:50-52 Mr '66

Automatic control of primary motor of synchronous generators. V. V. Kiamov. *Sudostroenie* 56 no. 2:7-48 F '66.

Automatic control of shaft furnace smelting of oxidized nickel ores. D. I. Lisovskiy and others. *Tsvet. met.* 30 no. 2:27-32 F '66.

Automatic control of submarines in the United States. G. P. Lisov. *Sudostroenie* 56 no. 2:40-42 F '66.

Automatic control of the lighting of shops in metallurgical plants. A. N. Lebed'. *Mekh. i avtom. priboz.* 20 no. 2:1-2 F '66.

Automatic control of the MG-350 centrifuge. S. I. Mozdovskiy. *N. N. Ugin. Khim. i neftekhim.* no. 1:4-7 Ja '66

Automatic control of the two-stage "Podzemnik" vacuum apparatus. N. A. Butov, A. D. Sverchets, Masl. zh. i. prom. 31 no. 1:31-34 Ja '65.

Automatic control of tractors in accelerated field testing. A. I. Dianovskiy. *Trakt. i sel'khoz. mash.* no. 1:1-3 Mr '66

Automatic feeding of liquid reagents during flotation. I. I. Revazashvili, E. A. Ivanov, I. G. Kulitshev. *Izv. vuz. ucheb. zav., gor. zhur.* 5 no. 11:151-154 '67.

Automatic loader with weight proportioning for ship hoisting. M. I. Stolbun, S. V. Karas'. *Ugol' Ukr.* no. 3:25-28 Mr '66.

Automatic regulation of powerful aluminum electrolytic cells with current supply from the top. A. S. Dorkach and others. *Tsvet. met.* 30 no. 2:30-44 F '66.

Automatic regulation of self-carburizing gas. V. S. Kochko, V. G. Antoskik. *Izv. vuz. ucheb. zav.; Chern. met.* 9 no. 2:156-159 '66.

Automating equipment for optimizing the operating regimes of power plants on transport vessels. P. P. Petrov. *Trudy LIT* no. 59:13-21 '61.

Automating the control of the main engines of the motor ship "Danilo Nechal". A. Seppen. *Mor. flot* 26 no. 2:29-30 F '66.

Automation of continuous sulfate pulp washing in vacuum filters. A. M. Glinanin, E. I. Perlov. *Bum. prom.* no. 2:12-14 F '66.

Automation of fabric rolling on rubber skin-coating and spreading calendars. I. P. Proskurina. *Kauch. i rez.* 25 no. 3:12-16 '66.

Automation of hydraulic loading and unloading equipment. L. I. Protopyov, E. A. Litinskii, V. N. Trifanov. *Trudy LIT* no. 59:9-12 '64.

Automation of short joint welding. A. M. Polnarev. *Avtom. svar.* 10 no. 1:60-61 Ja '66.

Automation of the process of tar oxidation. P. T. Sverbil'. *Nefteper. i neftekhim.* no. 1:42-43 '66.

Automation of the proportioning of the milk of lime. A. L. Antonovich. *Sakh. prom.* 40 no. 4:35-39 Ap '66.

Avae, S. A., and others. [Automation of technological processes in the wool, flax, and silk industry.] *Avtomatizatsiya tekhnologicheskikh protsessov shershtanov, l'nanov i shelkovoy pronnyshlennosti*. Moskva, Legkaya industriya, 1966. 295 p.

Characteristics of objects of automatic regulation and control. R. U. Kotlar. *Nauch. i telemek. no. 34* 28-46 '65

Concerning the organization of experimental work. M. S. Melt. *Izv. vuz. ucheb. zav., neftekhim.* 9 no. 1:87-90 '66

Conference on automatic control and electric measurements. S. T. Vashkov. *Prilozheniya* no. 1:28 Mr '66

Construction of a self-adjusting system for the automatic control of metallurgical processes with retardation. V. A. Ivanov, D. I. Lisovskiy, M. R. Shapilovskiy. *Izv. vuz. ucheb. zav., i telemek. no. 1:161-166 '66.*

Construction of successive approximations for some problems in optimal control. R. Gabasov, T. M. Kirillova. *Avtom. i telemek.* no. 2:5-17 '66.

Contribution to the theory of two-dimensional automatic control systems with modulation. A. A. Kazanov, I. O. Rodnianskiy. *Avtom. i telemek.* no. 1:82-73 '66.

Decision of the Third All-Union Conference on Automatic Control (Engineering Cybernetics). *Avtom. i telemek.* no. 1:104-109 '66.

Determination of the response time of an optimum controller. A. S. Avdeyev, A. I. Vasil'ev. *Izv. SO AN SSSR* no. 10 Ser. tekhn. nauk no. 3:34-44 '64.

Device for the automatic control of bottom parameters for use in electric drilling by means of a twin current-carrying cable. O. A. Dmiltsevskiy and others. *Mash. i elekt. obr.* no. 2:28-31 '66.

Devices for automatic control of the liquid level in h-p apparatus. P. V. Levkov, L. M. Nostotskiy. *Mash. i elekt. obr.* no. 1:27-31 '66.

Digital system of data representation for electrical transducers. B. M. Kovalenko, E. I. Mar'lasin. *Trudy VNIKAneftgaz* no. 1:133-145 '65

Dobromavov, O. E., and I. I. Kirilenko. [Fundamentals of automatic control, automatic devices and control systems for aircraft.] *Osnovy avtomaticheskogo regulirovaniya, avtomatizatsiya upravleniya letatel'nykh apparatov*. Moskva, Mashinostroyeniye, 1965. 450 p.

Effective reservation of redundant devices in automatic regulation and control. M. B. Slavin. *Nauch. i telemek. no. 34:3-11 '65.*

Efficiency promotes the effective operation of automatic control on elevators. L. Gun. *Mash. i elekt. obr.* 32 no. 1:10-11 Ja '66.

Egorov, K. V. [Nonlinear automatic control systems.] *Nelineynyye sistemy avtomaticheskogo regulirovaniya*. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1965. 60 p.

Egorov, K. V. [Sampled-data control systems; intermittent systems.] *Imпульсные системы автоматического регулирования; прерывистые системы*. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1965. 43 p.

[EKA, encyclopedia of measurements, control, and automation.] *EKA, entsiklopediya izmereniy kontrolya i avtomatizatsii*. Moskva, Energiya. No. 5. 1965. 70 p.

Electric contact level indicators for measuring the position of the level of electrically conductive aggressive fluids in tanks without excessive pressure. L. G. Pals. *Nefteper. i neftekhim.* no. 1:32-33 '65.

Electric line diagrams for the automatic control of the electric arc process in welding. V. V. Slepnev, *Trudy Ural. elektromekh. inst. inzh. zh. dor. transp.* no. 10:187-173 '65.

Electronic automatic stop device for the DK cigarette machine. M. P. Itrushkin. *Khar. prom.* no. 1:43-44 Ja-F '66.

Equipment for the automatic control of the parameters of resistance welding conditions. V. F. Vashcheyevskiy, G. M. Gologovskiy, S. L. Dykhno. *Avtom. svar.* 19 no. 1:68-68 Ja '66.

Equipment of a communication channel for the transmission of telemechanical data through electric power distribution networks. P. I. Zozulka and others. *Trudy VNIKAneftgaz* no. 1:146-147 '65.

Experience in automating the Lvov tank farm. L. E. Kuntin, I. U. S. Velikolvan. *Transp. i khran. nefte i nefteprod.* no. 2:20-32 '66.

Experience in the automation of the refrigeration plant on a type BMHT trawler. S. L. Goller, A. I. Komelko. *Khol. tekhn.* 43 no. 3:24-27 Mr '66.

Gachinskiy, E. E., and L. N. Filsner. [Optimization of three-dimensional distribution; automatic margin distributor.] *Optimizatsiya prostranstvennogo raspredeleniya; avtomaticheskii raspredelitel' pripuska*. Moskva, Energiya, 1966. 63 p. (Biblioteka po avtomatike, no. 160)

Gluzman, G. L., and I. P. Paderno. [Reliability of control units and systems.] *Nadezhnost' ustanovok i sistem upravleniya*. Moskva, Mashinostroyeniye, 1966. 211 p.

Harmonic linearization of systems with a logical control law. K. K. Zhil'tsov. *Avtom. i telemek.* no. 2:113-110 '66.

Increase the operational efficiency of the technical equipment of ships. M. Shifrin. *Mor. flot* 26 no. 3:31-32 Mr '66.

Industrial tests of the SA automatic unit. I. I. Fedunets and others. *Ugol' 41* no. 2:31-31 F '66.

Initial systems without stabilizers. V. A. Dan'chzhil' [Wang Tan-chih]. *Vest. Mos. univ.* Ser. 1. Mat. i mekh. 21 no. 2:78-85 Ap '66.

Installation of control and measuring instruments and means of automation. I. U. V. Komarov, A. Z. Klemerevskiy. *Energ. stroit.* no. 13:39-45 '61.

Installation of heat control instruments and means of automatic control. M. A. Golod. *Energ. stroit.* no. 5:31-35 '65.

Installation of heat control instruments and means of automation. V. P. Bannik. *Energ. stroit.* no. 5:38-39 '65.

Installation of the control and measuring instruments and means of automation. M. A. Golod, V. F. Senchenko. *Energ. stroit.* no. 15:99-106 '64.

International conference on "Problems of control in the outer space for peaceful purposes." M. A. Bermant, V. I. Utkin. *Avtom. i telemek.* no. 2:155-157 '66.

Izbitskiy, E. I. [Automatic control of the technical processes in printing.] *Avtomaticheskoe upravlenie i regulirovaniye tekhnologicheskikh protsessov v poligrafii, uchebnoye posobie*. Moskva, Mosk. poligr. in-t, 1965. 182 p.

Lipunov's function for equations of an electrical system with conservative idealization. M. A. Taghlov. *Izv. AN SSSR. Energ. i transp.* no. 1:167-168 Ja-F '65.

Logical organization in the VNIITM-3 control computer. V. M. Dolbavt and others. *Elektricheskoye no. 3:1-8 Mr '66*

Loghinov, I. G. [Automatic operation of tractor units.] *Avtomaticheskoe vozhdzhenie traktornykh agregatov*. [Alma-Ata] Kazan, 1965. 170 p.

Magnetic servo amplifier for a.c. automatic control systems. I. A. G. Noulm, D. D. Kapalov. *Trudy LIT* no. 50:22-28 '64.

Means of increasing the reliability of circuit operations in the automatic control of hydraulic press installations. D. I. A. Levita. [Nauch. i telemek.] *ENIKMASHa* 10:36-51 '65.

Mechanization and automation of operations in the preparation of rubber compounds. L. I. Gutman. *Kauch. i rez.* 25 no. 3:9-11 '66.

Memorizing block for warping machines. G. S. Pozdnjakov, P. I. Savost'yanov. *Tekst. prom.* 26 no. 3:73 Mr '66.

A method for constructing automatic control systems of ships. I. S. Ereemeev. *Sudostroenie* 56 no. 2:38-40 F '66.

Methods for the automatic control of the number of rotations of a centrifugal pump. F. L. Bromberg. *Nauch. i telemek. no. 34:47-59 '65.*

Modification of I. I. Nohav's criterion. V. I. Kurov. *Izv. SO AN SSSR* no. 10 Ser. tekhn. nauk no. 3:96-102 '64.

Moscow, Institut mashinovedeniya. [Precision of mechanisms and automatic measuring equipment.] *Technosol' mekhanizmov i avtomatizirovannykh izmeritel'nykh sredstv*. Moskva, Nauka, 1966. 100 p.

Numerical method for determining the transient processes of linear automatic systems and their design using digital computers. A. V. Vulfson. *Trudy LPI* no. 256:140-146 '65

Numerical method for the analysis of nonstationary processes of automatic control of systems using differential equations of a high order. M. S. Mameurov. *Izv. vuz. ucheb. zav.; elektromekh.* 9 no. 2:187-199 '66.

Optimum control of the movement of ships in a variable-depth fat way. I. U. Petrov. *Trudy LIT* no. 59:62-60 '64.

Organization of the installation of measuring instruments and automatic control in thermal electric power stations. N. A. Ivanov. *Energ. stroit.* no. 5:39-41 '65.

Organizing the repair and maintenance of the automatic control equipment on vessels of the Waterway Administration of the Northern Basin. M. Sandler. *Rech. transp.* 23 no. 6:10 Je '64

Performance of a pneumatic power hammer in an automatic line for the hot briquetting of scrap metal. P. S. Oksenenko. [Nauch. i telemek.] *ENIKMASHa* 10:52-64 '65.

Periodic operating mode of a relay system with varying "pure" delay. V. I. Teverovskiy. *Avtom. i telemek.* no. 1:87-91 '66.

Present state and future problems of the development of automatic and remote control in petroleum fields. R. I. A. Isakovich. *Trudy VNIKAneftgaz* no. 1:3-9 '65.

Problem of optimal control with random control functions. D. I. Shapiro. *Trudy VZEI* no. 20:121-125 '65

Problems of the construction of normal series of standard dimensions of means for control and automation in the petroleum and gas industry. I. A. Miller, E. I. Khazanov. *Trudy VNIKAneftgaz* no. 1:10-10 '65.

Rational choice of a circuit for the reproduction of variable time delay using operational amplifiers. I. A. Grinblat, M. K. Chernyashov. *Avtom. i telemek.* no. 1:139-145 '66.

Regulation of a linear object by an astatic controller with variable structure without use of "pure" derivatives in the control law. Part 3. V. A. Taran. *Avtom. i telemek.* no. 2:49-55 '66.

AUTOMATIC CONTROL (Continued)

Regulation of the temperature and load level of raw materials in hydrolysis apparatus for the production of furanols. B. I. Pavlov, *Gidroliz. i isokhim. prom.* 10 no. 2:6-9 '66.

Representation of the initial information for the automatic planning of machine operation. Nguyen Ba-Hao. *Zhur. vych. mat. i mat. fiz.* 6 no. 2:397-103. *Mi-Ap* '66.

Selecting the work program of the mechanism for automatic exposure setting in amateur cameras. K. R. Gol'din. *Opt. i melh. prom.* 33 no. 2:1-1 F '66.

Seminar on the automation of construction and road machinery and equipment. A. D. Volkova. *Stroi. i dor. mash.* 11 no. 3:38. *Mi* '66.

Slave multivibrator with increased noise stability for automatic and remote control systems in the petroleum and gas industries. L. S. Lozinskiy, N. S. Savchenkovskiy. *Trudy VNIKhimichesk. i. 1* 74-85 '65.

Solution of optimization problems in nonlinear systems of automatic control. V. F. Dum'yanov. *Zhur. vych. mat. i mat. fiz.* 6 no. 2:218-228. *Mi-Ap* '66.

Some remarks on the installation of heat control instruments and means of automatic control. V. N. Romanov. *Laz. i. et. ol.* no. 5:36-37 '65.

Sound and light signaling systems with central termination of the sound signal. S. V. Grudinskiy, K. N. Kirillov. *Sudostroenie* 55 no. 1:19-50. *Ja* '66.

Structure of a digital computer for the automatic control systems of plants. V. N. Alekseev. *Trudy LPI* no. 256:121-123 '65.

Study of an automatic control system containing a rigid and elastic feedback tachometer sensing device. V. D. Tschurina. *Elektrichesk. no.* 3:19-23. *Mr* '66.

Studying the dynamic properties of a system for direct numerical regulation of ammonia synthesis. S. S. Gluzman, V. N. Kretnov. *Khim. prom.* 42 no. 3:223-229. *Mr* '66.

Studying the longitudinal uneven gauge in the continuous rolling of strip; its causes and methods of prevention. M. I. Bolashinov, V. Kh. Faizullin, M. L. Kaulik. *Stal'* 26 no. 2:146-151. *F* '66.

Synthesis of optimum responses based on the realization of the switching line. V. M. Aleksandrov, A. A. Nesterov. *Izv. SO AN SSSR no. 10 Ser. tekhn. nauk* no. 3:18-26 '61.

System for the automatic control of processes of production and preliminary processing of natural gas. V. T. German. *Gaz. dolo* no. 2:31-37 '66.

System of controlling power processes by means of induction couplings. T. A. Shchotina, L. M. Sarkislan, V. P. Neshchorenko. *[Nauch. trudy] ENIKMA Shp.* 10:37-94 '65.

System of the centralized automatic control and regulation of aluminum electrolytic cells. A. S. Derkach and others. *TSvet. met.* 30 no. 2:41-49. *F* '66.

Tishchenko, N. M., and V. G. Mashlykin. [Dynamists and thyristors and their applications in automatic control.] *Dinistors i tistrisori i ikh primeneniye v avtomatike*. Moskva, Energiya, 1966. 128 p. (Biblioteka po avtomatike, no. 163).

Ultrasonic control and automatic regulation of spot welding processes. N. M. Tarasov, V. K. Karashev. *Svar. proizv.* no. 3:24-26. *Mr* '66.

Unification of computing equipment and automatic control systems. B. R. Kislov. *Standartizatsiya* 20 no. 12:27-20. *D* '65.

Using a developed block diagram for the study of continuous mills. V. M. Shehtova, I. A. Kuvshinov, E. I. Slepukhin. *Izv. vyz. ucheb. zav., Chern. met.* 9 no. 3:120-126 '65.

Using terminal automatic devices in the operation of locks. V. V. Ivanishchev. *Trudy LIT* no. 59:40-43 '64.

Vyshnegradskiy's problem in the theory of direct control taking into account delay and action according to the derivative. P. V. Sergeev. *Izv. SO AN SSSR no. 10 Ser. tekhn. nauk* no. 3:103-109 '64.

Work regime of the differential manometer in the SAIZ-4K automatic control system of dredges. V. Khafhanin. *Rech. transp.* 23 no. 6:30-39. *Je* '64.

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control, remote control, and computer technology] *Ref. zhur.*; *Avtom.*, *telem. i vych. tekhn.* nos. 3-4. *Mr-Ap* '66. *Avtorskii ukazatel'* za 1965 g.

AUTOMATIC CONTROL—CONGRESSES

Current problems of automation. M. Sh. Shifrin. *Sudostroenie* 59 no. 2:83. *F* '66.

Current problems of technical cybernetics: All-Union Conference on Automatic Control. M. G. Gaaze-Rapoport. *Priloda* no. 2:48-50. *F* '66.

Konferentsiya po avtomaticheskomu kontrolyu i metodam elektricheskikh izmereniy. 4th, Novosibirsk, 1965. [Automatic control and methods of electrical measurement; transactions] *Avtomaticheskii kontrol' i metody elektricheskikh izmereniy*; *trudy*. Novosibirsk, Red. i. d. otdel Sibirskogo otd-nia AN SSSR, Vol. 1, 1964. 195 p. (CSIMOR)

Third All-Union Conference on Automatic Control (Engineering Cybernetics). M. A. Berment, M. A. Bolarchenkov, V. L. Epshtein. *Avtom. i telem. no.* 1:166-184 '66.

Third All-Union Conference on Automatic Control (Engineering Cybernetics). V. I. Utkin. *Elektrichesk. no.* 3:81-92. *Mi* '66.

Trapeznikov, V. A., ed. [Theory of continuous automatic systems. Translated from the English] *Teoriya nepreryvnykh avtomaticheskikh sistem*. Moskva, Nauka, 1965. 306 p. (CSIMOR)

AUTOMATIC CONTROL—RELIABILITY

Technical and economic indices of the reliability of marine automation systems. S. A. Popov, I. A. Neufeld, I. U. A. Svetlikov. *Trudy LIT* no. 59:3-8 '64.

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATIC TIMERS

The RVD-100 time regulators for resistance welding machines. N. V. Polola, I. U. A. Masalov, V. I. Sazonov. *Avtom. svar.* 18 no. 2:75. *F* '65.

AUTOMATION

All-Union scientific technical conference on "Equipment and automation in the powder metallurgy." N. Z. Posdnjak. *Vest. mashinost.* 46 no. 2:86. *F* '66.

Automation and mechanization of the manufacture of bearings. N. N. Fedotov. *Trudy VNIIP* no. 3:110-124 '63.

Automation of public eating establishments. G. A. Kalashin, I. A. V. Levin. *Mekh. i avtom. proizv.* 20 no. 2:9-12. *F* '65.

Automation of the hydraulic pumping station. V. I. Danilov, E. N. Maneych. *Koka, i khim.* no. 2:51-54 '66.

Basic principles for the automation of powered mobile supports in longwalls. G. G. Snagovskiy. *Ugol'* 41 no. 3:38-43. *Mr* '66.

Complex of problems affecting total automation of production. V. N. Avdeev, V. I. Osukhov. *Dokl. AN BSSR* 10 no. 2:87-89. *F* '65.

Denisenko, V. S., A. G. Koron, and N. V. Leibov's. [Mechanization and automation in the machinery industry.] *Mekhanizatsiya i avtomatizatsiya v mashinostreani*. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1963. 57 p.

[MICROFILM]

Determining economic efficiency of the automation of production processes in the radio industry. E. A. Gocharova. *Mekh. i avtom. proizv.* 20 no. 2:31-36. *F* '66.

Economics dictionary from A-Z. *Lkon. i zhtzn'* 8 no. 2:85-88. *F* '66.

Engineering psychology and automation. G. A. Sergeev. *Sudostroenie* 56 no. 1:45-19. *Ja* '66.

Experience in automating the operation of pumps in a pumping station. I. U. Utkin. *Ugol'* 41 no. 3:51-53. *Mr* '66.

Experience in overall mechanization and automation of wood pyrolysis processes. N. I. Selversov, G. F. Tokishin. *Gidroliz. i isokhim. prom.* 10 no. 2:20-22 '66.

Kluzhinskiy, M. A. [Fundamentals of the automation of processes in the baking industry.] *Osnovy avtomatizatsii professov khlebopekarnogo proizvodstva*. Moskva, Pishchevala promyshlennost', 1965. 310 p. (insert)

Kornilchuk, M. T. [Cybernetics in the service of the building of communism.] *Kibernetika na sluzhbu budynstva komunistu*. Kyiv, Politydyav Ukrainy, 1966. 70 p.

Makovsky, N. V. [Fundamentals of the automation of the woodworking industries.] *Osnovy avtomatizatsii derevoprobavayushchego proizvodstva*. Moskva, Legkaya promyshlennost', 1965. 330 p.

Minimization of the algorithm of petroleum refining control processes. L. A. Bulanovskiy, M. I. Shpurn. *Nefteper. i neftskh. no.* 2:47-52 '65.

Molodetskii, E. G. [Automation of the process of sterilization of canned food.] *Avtomatizatsiya protsessov sterilizatsii konservov*. Moskva, TsNII Pishcheprom, 1965. 56 p.

A new system of automating the blast furnace process. G. V. Gulenko, M. S. Levin. *Metallurg* 11 no. 3:8-10. *Mr* '66.

Overall mechanization and automation of the weaving shop. S. I. Sinotov, M. V. Studentsova, E. M. Gordymina. *Blul. tekhn. - ekon. inform. Gos. nauch. - issl. inst. nauch. i tekhn. inform.* 10 no. 1:23-24. *Ja* '66.

Slizykh, V. A. [Principles of industrial automation; abstract of lectures for students of river navigation and technical institutes.] *Osnovy avtomatizatsii proizvodstva; konspekt lektsii dlya uchashchikhsya rechykh uchilishch i tekhnikumov*. Moskva, M-vno rechnogo flota RSFSR, 1965. 91 p.

[MICROFILM]

AUTOMATION—STUDY AND TEACHING

Extracurricular work on automation. Z. Reznikov. *Nar. obr.* no. 4:56-60. *Ap* '66.

AUTOMATISM

Characteristics of the course and manifestations of some exogenous and exogeno-organic psychoses with the Kandiskit-Clerambault syndrome of psychic automatism. Report No. 3. L. K. Khokhlov. *Zhur. nevr. i psikh.* 68 no. 3:433-440 '65.

AUTOMOBILE EXHAUST GAS—ANALYSIS

Device for determining carbon monoxide content in exhaust gases. Zh. Manusdzhiants, L. Sosonkin, L. Stepanov. *Avtr. transp.* 44 no. 2:19-21. *F* '66.

AUTOMOBILE INDUSTRY see subdivision under Gorkiy, Moscow

AUTOMOBILE INDUSTRY—EXHIBITIONS

Mechanization of production in the enterprises of the automobile industry. R. I. Ashunskiy. *Inform. biul. VDNKH* no. 1:6-8. *Ja* '66.

AUTOMOBILE INDUSTRY—MANAGEMENT

(see also subdivision under Moscow)
Saving nonferrous metals in mass production. S. E. Voronin. *Avtr. prom.* 32 no. 2:43-15. *F* '66.

AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Gorkiy

AUTOMOBILES—DYNAMICS

Stability of an unsteady motion of an automobile. V. K. Gomonov. *Izv. vyz. ucheb. zav., mashinost.* no. 1:113-119 '66.

AUTOMOBILES—ENGINES

Submerged build up welding of the crankshafts of GAZ-51 and ZIL-120 engines. V. A. Nalivkin and others. *Avtom. svar.* 18 no. 2:70-71. *F* '65.

AUTOMOBILES—ENGINES—LUBRICATION

Efficiency of the new foreign additives for motor lubricants. A. B. Vipper and others. *Khim. i tekhn. topl. i masel* 11 no. 4:53-56. *Ap* '66.

AUTOMOBILES—IGNITION

Effect of electrical loads in a high-voltage circuit of battery ignition on the developed voltage. A. A. Kulikov. *Avtr. prom.* 32 no. 2:30-33. *F* '66.

AUTOMOBILES—SPRINGS AND SUSPENSIONS

Some characteristics of the design of the ZAZ-666 automobile suspension. A. M. Golomidov, V. P. Steshenko. *Avtr. prom.* 32 no. 2:16-18. *F* '66.

AUTOMOBILES, GAS—TURBINE—ENGINES

Hydraulic resistance of the tangential combustion chamber and gas collector of a gas-turbine engine with a radial-flow turbine. A. S. Shchetinberg. *Avtr. prom.* 32 no. 2:6-10. *F* '66.

AUTOMOBILES, PLASTIC

Results of the investigation of the process of manufacturing body parts of glass reinforced plastics. V. S. Tsybin, A. S. Dmitriev. *Sbor. trud. MVTU* no. 4:65-73. '64.

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS

Effect of neuroplegic and spasmolytic mixtures on the postnatal state of newborn infants. A. G. Guseinov, M. B. Musabekova. *Azreb. med. zhur.* 43 no. 2:16-20. *F* '66.

Relationship between the structure and action in the series of some cyclic compounds containing phenylethylamine grouping. N. T. Starykh and others. *Farm. i toka*, 25 no. 1:25-31. *Ja-F* '66.

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUTOPSY

Displacement of internal organs in accident injuries. A. P. Ignatenko, O. P. Vober, V. I. Romanov. *Sud.-med. ekspert.* 9 no. 1:35. *Ja-Mr* '66.

Pyrlina, N. P. [Medicolegal examination of the cadaver; textbook for students of medical institutes.] *Sudbno-meditsinskoe issledovanie trup; uchebnoe posobie dlya studentov meditsinskikh institutov*. Izd. 2, perer. i dop. Moskva, Periyat med. in-l, 1965. 65 p.

AUTORADIOGRAPHY

Autoradiographic study of methionine-³⁵S metabolism in the liver of guinea pigs. T. S. Shlutman, R. V. Chahoyevs. *Ukr. biokhim. zhur.* 38 no. 1:45-49 '66.

Autoradiography of the mammary gland. I. N. Zoltikova, P. V. Mikheev. *Fiziol. zhur.* 52 no. 3:287-301. *Mr* '66.

Method of producing double autoradiographs in studying metabolism with the aid of radioisotopes. A. D. Belov. *Trudy Mosk. vet. akad.* 22 no. 2:35-46 '66.

Radioautographic indices of the distribution of calcium isotopes (⁴⁵Ca) in the tubular bones of dogs during the healing of fractures. A. D. Belov. *Trudy Mosk. vet. akad.* 22 no. 2:47-54 '66.

Therapeutic evaluation of sulfanilamides according to their distribution in tissue microstructures. G. K. Gertovoy. *Farm. i toka*, 27 no. 6:728-732. *N-D* '64.

AUTOTROPHIC BACTERIA see Bacteria, Autotrophic

AUTUMN

Autumn of 1965. T. F. Batlaeva, T. V. Sidorchenko. Priroda no. 2:124-128 F '66

AVALANCHES

Losev, K. S. [Avalanches of the U.S.S.R.; their distribution, regionalization, and forecasting possibilities] Lavay SSR; rasprostraneniye, raionirovaniye, vozmozhnosti prognoza. Pod red. V. L. Shul'tsa i N. F. Dorodovskoi. Leningrad, Gidrometeoizdat, 1966 120 p.

AVIATION MEDICINE

Use of the method of skin thermometry for the evaluation of vestibulovestibular reactions S. S. Markalan, R. A. Bartarunov, Voen.-med zhur. no. 2:65-67 F '66.

AXOLOTLIS

Production of diploid androgenesis in axolotls by the method of the combined action of ultraviolet radiation and thermal shock. A. L. El'darov. Dokl. AN SSSR 166 no. 1:992-995 F '66.

AXONOMETRIC PROJECTION

Fundamental theorem of central axonometry. V. N. Mishagin. Uch. zap. Kaf. mat. Tium. gos. ped. inst. 26 no. 4: 3-15 '64.

AYOTSDZOR RANGE—GEOLOGY, STRATIGRAPHIC

Decrease of the thickness of the Eocene soils in the Ayotsdzor Range. Dzh. Oganessian, S. S. Sukiasian, V. G. Safarian. Izv. AN Arm. SSR, Nauki o zem. 18 no. 6:77-80 '65.

AZAT VALLEY—GEOLOGY, STRATIGRAPHIC

Lithological division of Middle and Upper Eocene sediments in the middle Azat Valley. A. A. Sadolian. Izv. AN Arm. SSR, Nauki o zem. 18 no. 6:72-75 '65.

AZERBAIJAN—APPLE—DISEASES AND PESTS

New fungicides for controlling powdery scab and mildew of apple. I. U. A. Grubman. Trudy AZSTAZRA 2:19-22 '64.

Studying the biology of the agent of apple powdery mildew in Azerbaijan. S. G. Abdullaev, I. U. A. Grubman. Trudy AZSTAZRA 2:70-83 '64.

AZERBAIJAN—APPLE SCAB

Long-range forecasting of the apple scab; its theoretical and economic justification. I. A. Shifman. Trudy AZSTAZRA 2:83-97 '64.

AZERBAIJAN—ARCHIVES

Archives, museums, libraries and the institutes of scholarly research. F. G. Gani-zade. Vop. arkh. 9 no. 4: 67-69 O-N '64.

AZERBAIJAN—BOTANY, MEDICAL

Study of the chemical composition and some pharmacological properties of drugs and galena-pharmaceutical preparations from Coronilla varia of the Azerbaijan flora R. B. Bagirov. Azerb. med. zhur. 43 no. 2:21-25 F '66.

AZERBAIJAN—BRUCELLOSIS

Epidemiological analysis of alimentary infection by Brucella melitensis. E. G. Lebedeva, D. D. Sultanov, A. A. Livshits. Azerb. med. zhur. 43 no. 1:70-76 Ja '65.

AZERBAIJAN—CABBAGE

Materials on the study of the chemical composition of some forms of drugs and galena-pharmaceutical preparations from different parts of cabbage and Lezelle's hedge mustard found in the flora of Azerbaijan. F. A. Tekhmazov. Azerb. med. zhur. 41 no. 12:49-53 D '64.

AZERBAIJAN—CHEMICAL ELEMENTS

Distribution of chemical elements (Cu, V, Ni) in the Jurassic clay-shale formations on the southern slope of the Greater Caucasus in the boundaries of Azerbaijan. D. D. Mazanov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5:24-33 '65.

Distribution of some chemical elements in the Akhchayl sediments of separate structures in western Azerbaijan. A. D. Sulianov, G. L. Rasulov, Z. M. Alizade. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5:10-23 '65.

AZERBAIJAN—CHIGGERS (MITES)

Materials on the biology of chiggers from the genus Neotrombicula (Acariformes, Trombiculidae). L. V. Muharebek. Izv. AN Azerb. SSR, Ser. biol. nauk. no. 5: 47-52 '65.

AZERBAIJAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The 27th Congress of the Communist Party of Azerbaijan. Part. zhizn' no. 6:39-41 Mr '66.

AZERBAIJAN—CORN (MAIZE)—DISEASES AND PESTS

Practical field testing of new insecticides and acaricides in controlling cotton and corn pests. N. L. Ivanskil. Trudy AZSTAZRA 2:6-11 '64.

AZERBAIJAN—COTTON—DISEASES AND PESTS

Practical field testing of new insecticides and acaricides in controlling cotton and corn pests. N. L. Ivanskil. Trudy AZSTAZRA 2:5-11 '64.

AZERBAIJAN—COTTON GROWING

Regime of soil temperature on fields of irrigated cotton plants. E. A. Ibragimova. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5:110-155 '65.

AZERBAIJAN—DRUGS

Materials on the study of the chemical composition of some forms of drugs and galena-pharmaceutical preparations from different parts of cabbage and Lezelle's hedge mustard found in the flora of Azerbaijan. F. A. Tekhmazov. Azerb. med. zhur. 41 no. 12:49-53 D '64.

AZERBAIJAN—ENGLISH LANGUAGE—STUDY AND TEACHING

Selection of syntactic constructions of the English simple sentence and results of introducing them at the beginning stage of study in the eight-year Azerbaijani school. D. D. Sultanova. Uch. zap. API laz Ser. filol. no. 3: 153-170 '63.

AZERBAIJAN—FORAMINIFERA, FOSSIL

New Cenomanian genus Echemia (Foraminifera) in the Lesser Caucasus (Azerbaijan). Kh. Atilula. Paleont. zhur. no. 1:142-144 '66.

AZERBAIJAN—FRUIT TREES—DISEASES AND PESTS

New effective pesticides for orchards. A. V. Vinogradov. Trudy AZSTAZRA 2:12-18 '64.

Preliminary report on the virus diseases of fruit plants in Azerbaijan. O. S. Mertsalova. Trudy AZSTAZRA 2:98-103 '64.

AZERBAIJAN—GOITER

Content of iodine in the soil and sources of water supply in the endemic goiter foci of Kedabek and Shamkhor districts of the Azerbaijan S.S.R. G. G. Akhverdiev. Azerb. med. zhur. 43 no. 3:44-48 Mr '66.

AZERBAIJAN—HEDGE MUSTARD

Materials on the study of the chemical composition of some forms of drugs and galena-pharmaceutical preparations from different parts of cabbage and Lezelle's hedge mustard found in the flora of Azerbaijan. F. A. Tekhmazov. Azerb. med. zhur. 41 no. 12:49-53 D '64.

AZERBAIJAN—HEMOLYTIC ANEMIA

Detection of favism in the Azerbaijan S.S.R. R. D. Dzhavadov. Azerb. med. zhur. 43 no. 1:3-10 Ja '65.

AZERBAIJAN—HUMUS

Aliev, S. A. [Conditions for the accumulation of and the nature of organic matter in the soil.] Usvlovia nakopleniya i priroda organicheskogo veshchestva pochv. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1966, 278 p.

AZERBAIJAN—HUMUS—COMPOSITION

Composition of humus in Chernozem soils of the piedmont of the Greater Caucasus in the Azerbaijan S.S.R. G. A. Salamov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 13:84-89 '65.

AZERBAIJAN—IODINE

Content of iodine in the soil and sources of water supply in the endemic goiter foci of Kedabek and Shamkhor districts of the Azerbaijan S.S.R. G. G. Akhverdiev. Azerb. med. zhur. 43 no. 3:44-48 Mr '66.

AZERBAIJAN—LUNGE—DUST DISEASES

Clinical X-ray characteristics of pneumoconiosis occurring in Azerbaijan. I. I. Alakperov, T. S. Datskovskaya, I. K. Tor-Bagdasarova. Azerb. med. zhur. 42 no. 11:2-18 N '65.

AZERBAIJAN—OIL FIELDS—EQUIPMENT AND SUPPLIES

Increasing the efficiency of equipment and introducing it in fields of the Petroleum Production Association named after "The 26 Baku Communists" M. M. Mustafayev. Azerb. neft. khoz. 45 no. 1:30-33 Ja '66.

AZERBAIJAN—OIL WELL DRILLING, SUBMARINE

We are the Communists! IU. Kerimov. Agitator 33 no. 7: 18-19 Ap '66.

AZERBAIJAN—OIL WELL DRILLING FLUIDS

Advantages of a barite weighting material. M. IU. Salamov, N. G. Dadashov, G. D. Dotin. Neft. khoz. 43 no. 12:23-27 D '65.

AZERBAIJAN—PATHOLOGICAL SOCIETIES

Work of the Azerbaijan Scientific Medical Society of Pathologists during 1959-1964. D. IU. Guseinov. Arkh. pat. 28 no. 1:92-94 '66.

AZERBAIJAN—PETROLEUM GEOLOGY

State of unrecovered oil in Azerbaijan pools developed over a long period of time and means for recovering it. A. M. Akhmedov, M. I. Zeinaliy. Azerb. neft. khoz. 45 no. 1:1-5 Ja '66.

AZERBAIJAN—PETROLEUM PRODUCTION

Problems of increasing the efficiency of petroleum production in Azerbaijan. F. N. Atkhanov. Izv. vyz. ucheb. zav., neft. i gaz. 9 no. 13-8 '66.

AZERBAIJAN—PLANTS, PROTECTION OF—BIBLIOGRAPHY

List of works published by the members of the Azerbaijan Station of the All-Union Institute of Plant Protection, 1967-1963. Trudy AZSTAZRA 2:113-115 '64.

AZERBAIJAN—RADIOLARIA, FOSSIL

Some species of the families Liosphaeridae and Phacodiscidae of Lower Cretaceous sediments in the north-eastern part of Azerbaijan. Kh. Sh. Aliev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5:56-52 '65.

AZERBAIJAN—RICE—FERTILIZERS AND MANURES

Effect of polymeric fertilizers on the development and yield of rice. Sh. M. Kuliev. Izv. AN Azerb. SSR, Ser. biol. nauk no. 5:75-80 '65.

AZERBAIJAN—ROCKS, IGNEOUS

Structure of the Gollara extrusive. M. M. Velicov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5:75-79 '65.

AZERBAIJAN—ROOT KNOT

Treating plants with Meloidogyne infection. V. S. Treskova. Trudy AZSTAZRA 2:104-112 '64.

AZERBAIJAN—SOIL BIOLOGY

Seasonal phases of the biological processes in soils of Azerbaijan. S. A. Aliev. Pochvovedenie no. 3:71-81 Mr '66.

AZERBAIJAN—SOIL MOISTURE

Moisture conditions of soils in piedmont plains of Azerbaijan. M. R. Abduev. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 13:90-118 '65.

AZERBAIJAN—SOIL TEMPERATURE

Regime of soil temperature on fields of irrigated cotton plants. E. A. Ibragimova. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5:140-155 '65.

AZERBAIJAN—STOMATOLOGY—BIBLIOGRAPHY

Bibliographic index of works on stomatology published in Azerbaijan during the period from 1909 through 1963. A. A. Akhmedov, T. G. Guseinova. Azerb. med. zhur. 41 no. 12:63-67 D '64.

AZERBAIJAN—TULAREMIA

Epidemic tularemia in Azerbaijan and measures for the prevention of the infection of people. M. G. Akhundov. Azerb. med. zhur. 43 no. 1:71-76 Ja '65.

AZERBAIJAN—VETCH

Study of the chemical composition and some pharmacological properties of drugs and galena-pharmaceutical preparations from Coronilla varia of the Azerbaijan flora. R. B. Bagirov. Azerb. med. zhur. 43 no. 2:21-25 F '66.

AZERBAIJAN—WEATHERING

Some regional characteristics of the process of weathering and the composition of the eluvium of bedrocks in the Lesser Caucasus. D. M. Salayev. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 13:5-29 '65.

AZERBAIJAN—WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

Antiepidemic measures in Azerbaijan during the years of the Great Patriotic War. B. F. Medzidov. Azerb. med. zhur. 43 no. 3:67-80 Mr '66.

AZERBAIJAN LANGUAGE—VERB

Structure of nonderviative verbal stems in Azerbaijani and paths of their development. G. K. Bagirov. Uch. zap. API laz, Ser. filol. no. 3:75-95 '63.

AZERBAIJANI MUSIC see Music, Azerbaijani

AZIDES

Catalytic action of diethyldithiocarbamate on iodine-azide reaction in nonaqueous media. A. K. Babko, L. V. Markova, M. U. Prikhod'ko. Ukr. khim. zhur. 32 no. 1:72-76 '66.

AZIMUTH

Calculation of the azimuths of Polaris. A. V. Butkevich. Geod. i kart. no. 2:14-16 F '66.

AZO COMPOUNDS

Pyridylazo compounds as reagents for indium. Report No. 1. Complexometric and extraction-photometric determination of indium by 1-(2-pyridylazo)-4-naphthol. S. I. Qusev, E. M. Nikolaeva. Zhur. anal. khim. 21 no. 2: 160-171 '66.

AZO DYES

Effect of the nature of a complex-forming substituent on the stability of chromium-containing azo dyes. N. N. Mikhailova, P. P. Karpukhin. Zhur. ob. khim. 38 no. 2:333-339 F '66.

Relationship between the structure and light fastness of fluorine-containing dyes. Part 2: Ice colors. L. M. Agapovskii, L. Z. Gandel'man, S. N. Solodushnikov. Ukr. khim. zhur. 32 no. 2:187-193 '66.

AZOTOBACTER—CULTURES AND CULTURE MEDIA

Effect of various salts on *Azotobacter chroococcum* and *Azotobacter glnosum*. N. M. Babuk. Mikrobiologiya 35 no. 1:162-167 Ja-F '66

Electrophoretic study of cytoplasmic proteins of *Azotobacter vinelandii* in a synchronous culture. G. N. Zaitseva, I. A. Vedenina. Mikrobiologiya 31 no. 6, 9:5-951 N-D '65

AZOV, SEA OF—SALINITY

Calculation of the future salinity of the Sea of Azov and the northern Caspian Sea. A. I. Simonov, N. A. Rodionov, V. M. Zaitchukina. Meteorologiya no. 1:10-25 Ap '66

AZOV DISTRICT—EXCAVATIONS (ARCHAEOLOGY)

Results of the archaeological study of Tanais. D. B. Shelov. Kart. soob. Inst. arkheol. no. 100:79-85 '65

AZOV SEA REGION—FAULTS (GEOLOGY)

Zones of principal deep faults in the Black Sea and Azov Sea region. T. S. Lebedev. Geofiz. zhurn. no. 3:3-11 '65

AZOV SEA REGION—SEALS (NUMISMATICS)

Clay stamps from Tanais. D. B. Shelov. Mat. i issl. po arkheol. SSSR no. 130:229-231 '65

AZOV SEA REGION—SIDERITE

Paleogene siderite rocks in the southeastern part of the region of the Sea of Azov. N. M. Baranova, V. Kh. Il'yorkhan, M. V. Tanaev. Geol. zhurn. 45 no. 6, 87-90 '65

AZOV SEA REGION—VERMICULITE

Vermiculite in the region of the Sea of Azov and its use in the national economy. V. I. Gruba. Izv. vuz. ucheb. zav. i geol. i arv. 9 no. 1:122-123 Ja '66

AZURE

Spectrophotometric study of the reaction of azure B with cerium (III) sulfate. V. A. Protchenko, Zhur. neorg. khim. 11 no. 3:668-669 M '66

BCC

Use of photoelectrocolorimeter for the standardization of BCG vaccines. E. N. Lezhinskaya. Prikl. iush. no. 3:71-74 '65

BCC VACCINATION

(see also subdivision under Mait A. S. S. R.)

Effect of radioprotectors in fractional irradiation. Report No. 3; Evaluation of the effectiveness of vaccine prophylaxis following prolonged irradiation. O. G. Alekseeva, T. I. Lavrenchik, S. P. Armonenko. Radiobiologiya 6 no. 1:112-114 '66

BACILLUS CEREUS—CULTURES AND CULTURE MEDIA

Defective morphogenesis of the head membrane of the *Bacillus mycoides* phage No. 1. A. S. Tikhonenko. Mikrobiologiya 35 no. 1:118-121 Ja-F '66

BACTERIA, AEROBIC—CULTURES AND CULTURE MEDIA

Bacteriophage as a cause for the formation of nongerminating spores in a submerged *Bacillus megaterium* culture. M. T. Kvaratskhelia, L. M. Dorosinskii. Mikrobiologiya 34 no. 6:1034-1040 N-D '65

Some properties of alexoid esterases from *Bacillus megaterium*. N. N. Lestrovala, L. M. Savko, I. M. Tsiassman. Izv. AN SSSR, Ser. Biol. no. 2:301-305 M-Apr '66

Use of blood agar in differentiation between the anthrax bacillus and some aerobic soil bacilli. A. D. Melnikov. Trudy Mosk. vuz. akad. 10 no. 2 pt. 1:80-89 '67

BACTERIA, AUTOTROPHIC

Study of electron paramagnetic spin resonance spectra of photosynthesizing green bacteria. G. T. Rikhtev, L. P. Katwain, A. A. Kravanskii. Biofizika 9 no. 3: 389-393 '64

BACTERIA, EFFECT OF DRUGS ON see Microorganisms, Effect of drugs on

BACTERIA, HETEROTROPHIC—CULTURES AND CULTURE MEDIA

Effect of some factors on the dissociation in *Bacillus brevis* var. G.-B. Q. G. Zharikova, A. A. Lukin. Mikrobiologiya 35 no. 1:100-106 Ja-F '66

Identification of four varieties of *Bacillus brevis* var. GB based on the nature of thermograms. G. G. Zharikova and others. Prikl. biokhim. i mikrobiol. 2 no. 2:103-105 M-Apr '66

Nucleoid in dissociation forms of *Bacillus brevis* var. G.-B. Q. G. Zharikova, M. N. Poglavova, G. I. A. Markarova. Mikrobiologiya 34 no. 8:995-998 N-D '65

Thermogenesis of *Bacillus brevis* var. GB. V. A. Kholer and others. Prikl. biokhim. i mikrobiol. 2 no. 1:112-110 Ja-F '66

BACTERIA, METHANE-PRODUCING

Formation and fermentation of volatile fatty acids in thermophilic methane fermentation of alcoholic molasses waste. Z. A. Sarma. Prikl. biokhim. i mikrobiol. 2 no. 1:74-82 Ja-F '66

BACTERIA, METHANE-PRODUCING—CULTURES AND CULTURE MEDIA

Amino acid composition of the protein of methane-producing and propionic acid bacteria. L. A. Mazina, V. A. Kuznetsova. Prikl. biokhim. i mikrobiol. 2 no. 1:67-90 Ja-F '66

BACTERIA, PATHOGENIC

Pyridine salts -- derivatives of γ -undecyl-10-enoylamidopyridine. Synthesis and effect on pathogenic microorganisms. G. N. Pashin and others. Farm. i toks. 27 no. 6:718-722 N-D '61

BACTERIA, PHYTOPATHOGENIC

Study of the specificity of highly specialized bacteria *Pseudomonas mouri* and *Bacterium polyphagum* *Pectobacterium atrovirens*. F. D. Kosikh. Ispol. i mikrobiol. v nar. khoz. no. 2:16-22 '65

BACTERIA, THERMOPHILIC—CULTURES AND CULTURE MEDIA

Development of obligate thermophilic bacteria at 55° to 70°C. L. A. Irgova. Mikrobiologiya 34 no. 6:988-994 N-D '65

Effect of temperature and agitation on the rate of oxygen dissolution in liquid nutrient media. L. A. Egorova, I. N. Potmogova. Mikrobiologiya 35 no. 1:171-178 Ja-F '66

Isolation of purified amylase preparations from *Bacillus distans*. O. V. Kishukhina. Prikl. biokhim. i mikrobiol. 2 no. 1:59-62 Ja-F '66

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Cultures for the production of "Moskovskii" margarine. M. S. Koroleva. Masl. i zhir. prom. 31 no. 1:19 Ja '65

BACTERIOPHAGE

Bacteriophage as a cause for the formation of nongerminating spores in a submerged *Bacillus megaterium* culture. M. T. Kvaratskhelia, L. M. Dorosinskii. Mikrobiologiya 34 no. 6:1031-1040 N-D '65

Crystallization of tail coatings of T2 bacteriophage. B. F. Poglavov, S. N. Borzhenskaya. Biofizika 9 no. 3: 388-389 '61

Defective morphogenesis of the head membrane of the *Bacillus mycoides* phage No. 1. A. S. Tikhonenko. Mikrobiologiya 35 no. 1:118-121 Ja-F '66

Effect of Mg²⁺ ions, spermine, and EDTA on the β -galactosidase biosynthesis and viability of *Escherichia coli* B cells, treated with phage T2 "ghosts." V. N. Gershanovich and others. Mikrobiologiya 35 no. 1:132-137 Ja-F '66

Infection of *Lysozyme* spheroplasts by intact and lysed C11-tyrosine labeled phage T2. D. M. Gol'dfarb, A. V. Avdeeva. Mikrobiologiya 34 no. 6:1019-1024 N-D '65

Isolation and properties of the polylysogenic strain of *Actinomyces levis* 2638. I. A. I. Hantenshtein, M. Maslov. Mikrobiologiya 34 no. 6:1011-1016 N-D '65

Localization of H⁺ mutations of the phage T2 induced by various mutagens. D. M. Gol'dfarb, G. F. Nestorova, V. N. Kuznetsova. Genetika no. 2:29-33 '66

Mechanism of the inactivation of phage particles by alkylating substances. I. U. K. Eomichev. Dokl. AN BSSR 10 no. 1:53-55 Ja '66

Molecular nature of nonlethal nonhereditary injury of bacteriophages by ultraviolet rays. G. B. Zavit'skiy, A. S. Kilivskii. Mikrobiologiya 34 no. 6:1026-1033 N-D '65

Radioresistance of some bacteriophages. I. M. Gabrielyan, S. I. Lukelava. Mikrobiologiya 35 no. 1:128-131 Ja-F '66

Segments on the surface of the inoculation stimulating the phenomenon of bacteriophage. L. M. Gol'dfarb. Lab. delo no. 3:182-183 '66

Sensitivity of the H⁺ mutants of bacteriophage T2L to some physical and chemical factors. G. F. Nestorova, S. S. Soskina. Mikrobiologiya 35 no. 1:111-117 Ja-F '66

Study of the competence of *Escherichia coli* *Lysozyme* spheroplasts as related to infectious DNA phages. B. N. Il'yashenko, S. I. Litvin. Mikrobiologiya 35 no. 1:122-127 Ja-F '66

Utilization of temperature sensitive (ts) T4B phage mutations in studying the genetic control of DNA synthesis. S. I. Litvin and others. Genetika no. 2:16-20 '66

BADKHYZ REGION (TURKMENISTAN)—AMMONOIDEA

Some Cenozoan ammonites of mountainous Badkhyz. A. A. Monila. Izv. AN Turk. SSR, Ser. fiz.-tekhn. i khim. i geol. nauk no. 6:101-106 '65

BAIKAL (SHIP)

Recent data on the transport ship "Baikal." B. P. Polevoi. Zap. Primor. fil. Gaog. ob-va SSSR no. 1:123-126 '65

BAIKAL, LAKE—BOTANY

Popov, M. G., and V. V. Busik. [Outline of the flora of the shores of Lake Baikal.] Konspekt flory poberezh'ia ozera Baikal, Moskva, Nauka, 1966, 214 p.

BAIKAL, LAKE—PLANKTON

Distribution of plankton in Lake Baikal in the summers of 1957 and 1963. N. L. Antipova, M. M. Kozlov, G. I. Sushagina. Otdel. zhurn. 2 no. 1:18-26 '66

BAIKAL LAKE REGION—HEALTH RESORTS WATER-ING PLACES, ETC.

Road to recovery. Anatoli Zlatyev. Okhobr. 42 no. 4: 157-171 Ap '66

BAIKAL LAKE REGION—LAVENITE

Rhombohedral lavenite, a new variety of lavenite. A. M. Potinov, V. I. Simonov, G. P. Sushagina. Dokl. AN SSSR 166 no. 5:1199-1202 F '66

BAIKAL LAKE REGION—MINERALS

"Vlasovskii" and manganese astrophyllite in alkali aventurinogennites in the northern part of the Lake Baikal region. A. M. Potinov, R. K. Rastavetsaeva. Dokl. AN SSSR 166 no. 5:1911-913 F '66

BAIKAL LAKE REGION—RUSSIAN NEWSPAPERS

Intensification is a comprehensive basis (through the pages of newspapers published in the Baikal Lake Region). M. K. Soslavina. Vest. Mosk. un. Ser. 7: Filol. i zhurn. 20 no. 6:12-23 N-D '65

BAIKOV, ALEKSANDR ALEKSANDROVICH, 1870-1946

Scientists and engineers. Shkola i proliv. 10 no. 3:95 '66 M '66

BAILMENTS

Bailment contract. F. Sheshenin. Sov. iust. 30 no. 5:15 '66 M '66

BAKAL REGION (UZBEKISTAN)—SIDERITE

Use of Bakal siderites and their preparation for blast furnace smelting. A. G. Zhurav, N. S. Shumakov, L. N. Biatchenko. Stal. 26 no. 3:107-109 M '66

BAKERIES

(see also subdivision under Uzbekistan)

Competition in honor of the 23d Congress of the CPSU. M. M. Shumatin. Khleb. i kond. prom. 10 no. 3:4-5 M '66

Khazhinski, M. A. [Fundamentals of the automation of processes in the baking industry] Osnovy avtomatizatsii protsessov khlebopekarnogo proizvodstva. Moskva, Mashinostroyeniye, 1965, 310 p. diagrs. (insert)

BAKERIES—ACCOUNTING

Improvement of business accounting in the enterprises of the baking industry. L. A. Klinkis, M. V. Kalashnikova. Khleb. i kond. prom. 10 no. 3:30-31 M '66

BAKERIES—EQUIPMENT AND SUPPLIES

(see also subdivision under Smoly Province)

Bulk storage of flour. V. S. Pogorelyi. Khleb. i kond. prom. 10 no. 3:41-42 M '66

Reliability of the KHTD and KHTK-6 dough-dividing machinery. F. S. Edigarian, V. V. Bondarenko. Khleb. i kond. prom. 10 no. 3:14-16 M '66

Water-cooled oven fire door. A. A. Nikolaev. Khleb. i kond. prom. 10 no. 3:42-43 M '66

Work of dough-forming machinery and the quality of production. A. I. Samsonova, A. D. Tsiain. Khleb. i kond. prom. 10 no. 3:11-12 M '66

BAKERIES—MANAGEMENT see subdivision under Karaganda

BAKERIES—PRODUCTION CONTROL

All-Union seminar. N. A. Il'inskiy. Khleb. i kond. prom. 10 no. 3:48 M '66

BAKERIES—TECHNOLOGICAL INNOVATIONS see subdivision under Kiev

BAKICHISARAY DISTRICT—ANTIQUITIES

A painted vessel from a burial mound near the village of Skafetova. E. V. Volman, A. P. Smirnov. Krad. soob. Inst. arkheol. no. 100:102-107 '65

BAKHUT REGION (UKRAINE)—ROCKS, CARBONATE

Carbonate sediments of the Nikitovka series in the Lower Permian of the Bakhmut Depression and conditions of their accumulation. S. P. Bondarenko. Geol. i geokh. naft. i gaz. mestorozh. no. 2:93-103 '65

BAKING

Changes in the density of the heat flow over the surface of the bread dough. V. I. Telichuk, A. T. Lisovenko, A. A. Mikhalev. Khleb. i kond. prom. 10 no. 3:17-19 M '66

BAKU—ATHEISM

After a meeting of the bureau of a district party committee. A. I. Unusov. Agitator 33 no. 3:42 F '66

BAKU—HEART—INFARCTION

Distribution of myocardial infarct in the population of Otkrybski, District of Baku. S. M. Kerimov. Azerb. med. zhur. 43 no. 2:10-11 F '66.

BAKU—LABOR AND LABORING CLASSES

Did they carry out the collective labor agreement of 1917 in Baku? S. S. Alitov. Ist. SSSR 10 no. 1110-123 Ja-F '66.

BAKU—MALARIA

Case of quartan malaria following hemotherapy in Baku. N. I. Mamedov. Azerb. med. zhur. 43 no. 3:90-93 Mr '66.

BAKU—RAILROADS—CARS

Prompted by volunteer researchers. I. A. Kaipov. Sov. profsoyuz 22 no. 6:13-14 Mr '66.

BAKU BAY—SHIGELLA

Survival of Flexner's dysentery bacilli in the seawater of Baku Bay. B. G. Mageramov, S. S. Efendiev. Azerb. med. zhur. 43 no. 1:70-84 Ja '66.

BAKU REGION—PETROLEUM PRODUCTION

Visiting Karadag petroleum workers. G. Aleksanlan. Neftianik 11 no. 2:1 F '66.

BALANCING OF MACHINERY

Dynamics of hydrostatic balancing. V. N. Prokof'ev. Izv. vys. ucheb. zav. i mashinost. no. 1:72-80 '66.

BALANTIDIUM

Discovery of hyaluronidase in Balantidium coli cultures. V. G. Khramov. Med. paraz. i paraz. bol. 35 no. 2:204-205 Mr-Apr '66.

BALASHOV—MONEY

Economic work on currency circulation. V. Gorbachev. Den, i kred. 24 no. 3:49-53 Mr '66.

BALASHOV DISTRICT—PRODUCE TRADE

In order to improve state deliveries. V. Nikulina. Zakup. sel'khoz. prod. no. 7:7-11 Jl '66.

BALENS

Studying the loads acting on the working parts and stresses in the components of the PESH-1, 6 pickup baler. I. M. Zeltseman. Trudy VSKhOMA no. 45:20-33 '64.

BALI (ISLAND)—MONUMENTS

Monuments of the Island of Bali (Indonesia). L. Lapkina. Sov. arkhitekt. no. 17:160-171 '65.

BALKAN MOUNTAINS—CONGRESSES

Seventh Congress on the Carpatho-Balkan Geological Association. M. P. Semenenko, V. B. Sollogub, L. H. Tkachuk. Geol. zhur. 25 no. 6:115-116 '65.

BALKHASH, LAKE—CARP

Biology of young carp in Lake Balkhash. S. I. Ivanov. Zool. zhur. 45 no. 1:83-88 '66.

BALKHASH LAKE REGION—GEOLOGY, STRATIGRAPHIC

Aynesuyevskiy horizon in the northeastern part of the Lake Balkhash region. G. T. Ushatinskaya, N. B. Kellera. Vest. Mosk. un. Ser. 4: Geol. 21 no. 1:40-57 Ja-F '66.

BALKHASH LAKE REGION—THORIUM

Distribution of the uranium and thorium content in effusive and intrusive formations in the northeastern part of the Lake Balkhash region. V. N. Kazmin. Geokhimiya no. 3:360-373 Mr '66.

BALKHASH LAKE REGION—URANIUM

Distribution of the uranium and thorium content in effusive and intrusive formations in the northeastern part of the Lake Balkhash region. V. N. Kazmin. Geokhimiya no. 3:360-373 Mr '66.

BALL BEARINGS

Determining pressure on the most loaded ball in a radial ball bearing. M. P. Kuz'minskii. Dokl. MISP 1 no. 5:101-108 '64.

BALL BEARINGS—THERMAL PROPERTIES

Thermal conditions of the operation of radial ball bearings in spindle units of vacuum machinery. S. M. Kalaev. Izv. vys. ucheb. zav. i mashinost. no. 11:67-73 '65.

BALLET see subdivision under Erivan; Moscow; Prague; Tallinn; Varna, Bulgaria

BALLET—STUDY AND TEACHING

Anxious reflections on the ballet school. E. Shumilova. Teatr 27 no. 1:23-26 Ja '66.

Application of choreographic exercises in sports practice. E. G. Kojalnikova. Teor. i prak. fiz. kul't. 29 no. 3:34-37 Mr '66.

BALISTOCARDIOGRAPHY

Importance of ballistocardiographic examinations and of the analysis of systolic phases in determining the functional state of the myocardium in patients with mitral heart defects. A. I. Loshchenko. Sov. med. 29 no. 1:17-20 Ja '66.

BALLY, CHARLES, 1865-1947

Critical analysis of Ch. Bally's studies on language as an emotional phenomenon. D. N. Vvedenskii. Uch. zap. MGPI no. 234:327-352 '65.

BALTIC SEA—FISHERIES

Antonov, A. E. [Oceanological principles of fishing forecasts in the southern part of the Baltic Sea] Okeanologicheskie osnovy rybopromyslovyykh prognozov i lizhnoi chasti Baltiiskogo moria. Kaliningrad, Atlanticheskii nauchno-issled. in-t rybnogo khoz. i okeanografi, 1964. 117 p. [MICROFILM]

BALTIC SEA—OCEANOGRAPHY

Antonov, A. E. [Oceanological principles of fishing forecasts in the southern part of the Baltic Sea] Okeanologicheskie osnovy rybopromyslovyykh prognozov i lizhnoi chasti Baltiiskogo moria. Kaliningrad, Atlanticheskii nauchno-issled. in-t rybnogo khoz. i okeanografi, 1964. 117 p. [MICROFILM]

BALTIC SEA—WORLD WAR, 1939-1945

[Heroes of the gray Baltic] Geroi sedoi Baltiki. [Leningrad] Lentzdat, 1965. 245 p. (CSI-II)

BALTIC SEA REGION—FISHERIES

Kaliningrad, Atlanticheskii nauchno-issledovatel'skii institut rybnogo khoz. i okeanografi. [The fishing industry of the Western Basin in the seven-year plan] Rybnaya promyshlennost' Zapadnogo basaina v semiletke. Kaliningrad, 1964. 182 p. [MICROFILM]

BALTIC STATES—INDUSTRIES

Industry and the laboring classes of the Baltic Republics after the restoration of Soviet rule, 1910-1955. G. Sadzhua. Ist. SSSR 10 no. 1:24-41 Ja-F '66.

BALTIC STATES—LABOR AND LABORING CLASSES

Industry and the laboring classes of the Baltic Republics after the restoration of Soviet rule, 1910-1955. G. Sadzhua. Ist. SSSR 10 no. 1:24-41 Ja-F '66.

BALTIC STATES—LAW—CODIFICATION

The Inter-Republic Conference on the codification of the laws of the Lithuanian, Latvian, and Estonian Soviet Republics. M. I. Sov. gos. i pravo no. 6:116-121 S '59.

BALTIC STATES—MERCHANT MARINE

The fleet can achieve higher profits. G. Antsupov, A. Usmenskii. Mor. flot 20 no. 3:13-15 Mr '66.

BAMBOO see subdivision under Sakhalin

BANACH SPACES

Order of increase of the degrees of a polynomial basis. K. M. Shalidul'kov. Funkt. anal. i teor. funk. no. 1:131-138 '63.

Some problems affecting Banach spaces of sequences and infinite systems of linear equations. I. U. I. Gribanov. Funkt. anal. i teor. funk. no. 1:37-41 '63.

Spaces and algebras of Toeplitz matrices operative in. I. N. K. Nikol'skii. Sib. mat. zhur. 7 no. 1:146-153 Ja-F '66.

Strengthening the Dunkl-Williams inequality dealing with the norms of Banach space elements. V. I. Hurarii. Dop. AN URSS no. 1:36-37 '66.

Theory of Banach spaces of sequences and their transformations. I. U. I. Gribanov. Funkt. anal. i teor. funk. no. 1:22-36 '63.

Topological equivalence of all separable Banach spaces. M. I. Kadets. Dokl. AN SSSR 167 no. 1:23-25 Mr '66.

BAND SAWS

Fatigue fracture of band saw blades. I. I. Trubnikov. Izv. vys. ucheb. zav. i mashinost. no. 6:91-93 '65.

BANDAGES AND BANDAGING

Gypsum bandage on paper basis. M. A. Sarkisov. Voen. med. zhur. no. 2:89-90 F '66.

BANG'S DISEASE see Brucellosis in cattle

BANKS AND BANKING

(see also subdivision under Bashkiriya; Chechen-Ingush A. S. S. R.; Dzhambul; Moscow Province; Volgograd Province)

Brief information on foreign exchange and banks abroad. Den, i kred. 24 no. 2:90-93 F '66.

Brief information on foreign exchange and banks abroad. Den, i kred. 24 no. 3:82-83 Mr '66.

In the Board of Directors of the State Bank of the U. S. S. R. Den, i kred. 24 no. 3:96-98 Mr '66.

Questions and answers. Den, i kred. 21 no. 2:82-81 F '66.

Readers write. Den, i kred. 24 no. 2:72-76 F '66.

BANKS AND BANKING—ACCOUNTING

(see also subdivision under Volgograd Province)

Conference of the chief accountants of State Bank offices. Den, i kred. 21 no. 3:80-95 Mr '66.

Problems of the mechanization of accounting and computing work in the State Bank. S. Pleshnikov. Den, i kred. 24 no. 3:16-21 Mr '66.

BANKS AND BANKING—STUDY AND TEACHING see subdivision under Moscow, Tomsk

BANTU LANGUAGES—NOUN

History of the study of nominal classes in Bantu languages. A. A. Zhukov. Vest. LGU 10 no. 20:123-128 '64.

BANTUS

Wedding among the Vaziramo. Az. i Afri. seg. 9 no. 3:10 M: '66.

BAR ASSOCIATIONS

We should regularize the work of the control committees of the province collegia of attorneys at law. N. Rekechyn'skiy, O. Baranov. Rad. pravo 29 no. 3:75-76 Mr '66.

BARBITAL

Detection of barbitol in medicinal mixtures by the microcrystalloscope method. V. I. Lobanov. Apt. delo 15 no. 1:76-78 Ja-F '66.
Use of thin layer chromatography for forensic chemical proof of barbitol and phenobarbital. N. V. Koshkova. Farmatsevt. zhur. 21 no. 1:10-14 '66.

BARBITURATES

Pharmacological properties of the sodium salt of 5-nalicyclene-bis-barbituric acid. P. I. Lukienko, V. M. Vvedenskii. Farm. i toka. 27 no. 6:672-675 N-D '61.

Study of the solubility of medicinal compounds; effect of some electrolytes on the solubility of barbitol and phenobarbital. V. P. Huelnikov, A. M. Rizuk, Farmatsevt. zhur. 20 no. 4:20-24 '65.

BARBITURIC ACID

Oxygen concentration in tissue in barbitol narcosis. R. B. Stretkov, O. Ia. Vorob'ev. Radiobiologiya 6 no. 1:108-111 '66.

Synthesis of 5, 5-disubstituted barbituric acids. N. Dzhumageldyeva, V. A. Kon'kov, N. Verkhodanova. Zhur. prikl. khim. 39 no. 2:483-486 F '66.

Synthesis of 5, 5-disubstituted barbituric acids. N. Dzhumageldyeva, V. A. Kon'kova. Zhur. prikl. khim. 39 no. 2:486-488 F '66.

Use of 2-thio-barbituric acid in the analysis of oxidative fat spoilage. M. Soboleva, E. Bondarova. Mias. ind. SSSR 37 no. 1:48-49 '64.

BARENTS SEA—CODFISH

Environmental conditions for cod in the Bear Island-Spitsbergen region in 1954. T. S. Berger. Mat. rybohoz. i sel. skv. bas. no. 5:25-27 '65.

Some data on cod fisheries in the Barents Sea in 1916-1953. V. P. Ponomarenko. Mat. rybohoz. i sel. skv. bas. no. 5:5-19 '65.

BARENTS SEA—HADDOCK

State of haddock stocks in the southern part of the Barents Sea in 1950-1964 and prospects for its fisheries in 1965. M. A. Savina. Mat. rybohoz. i sel. skv. bas. no. 5:20-24 '65.

BARENTS SEA—SMELTS

Prokhorov, V. E. [Ecology of capelin of the Barents Sea and prospects for its commercial use] Ekologiya molvy Barentseva moria i perspektivy ee promyslovo-go ispol'zovaniia. Murmansk, Murmanskoe knizhnoe izd-vo, 1965. 87 p. (Murmansk, Pol'nyy nauchno-issledovatel'skii institut morskogo rybnogo khoz. i okeanografi. Study, no. 10)

BARGES

Type motor anchor barge for use on rivers. M. Zvenigorodskii. Rech. i stan. 23 no. 6:45 Je '64.

Working out an optimum plan for assigning the tugboat and barge fleet to cargo lines. A. A. Soluzov, V. Z. Anan'ina. Ekon. i eksp. mor. transp. no. 2:10-26 '66.

BARGUZIN RESERVE

50th anniversary of the Barguzin Preserve. A. G. Bannikov. Priroda 65 no. 3:71-81 '66.

BARITE

(see also subdivision under Czuczynskoe Mountains; Sakai, Kemerovo Province)

Advantages of a barite weighting material. M. I. U. Salamov, N. G. Danilov, G. D. Detin. Neft. khoz. 43 no. 12:23-27 D '66.

Reducing roast of lumpy barite and flotation barite concentrates. A. F. Loshkin, V. V. Pechkovskii, N. L. Subochva. Sbor. nauch. trud. Perm. politekh. inst. no. 10:57-63 '61.

BARIUM GERMANATES

Enthalpy of the formation of barium orthogermanate Ba_2GeO_4 , R. G. Grebenshchikov, R. A. Pasachnova, Zhur. neorg. khim. 11 no. 3, 488-492 Mr '66.

BARIUM ISOTOPES

Isolation of ^{137}Ba in a carrier-free pure radioactive state from uranium fission products, B. Tot, B. V. Gromov, Radiokhimiya 8 no. 1:84-88 '66

BARIUM SALTS

Industrial production of barium salts of alkylphenol additives for motor oils, A. M. Bugalchuk, Nefteper. i neftekhim. no. 11:10-14 '65.

BARIUM SILICATES

Geochemical characteristics of alumina-free barium silicates, V. V. Shcherbina, Geokhimiya no. 3 300-302 Mr '66.

BARK

Changes in the pigment of system of the bark of some trees in winter, I. V. Bozjakova, Ukr. bot. zhur. 22 no. 1:19-25 '65.

BARK BEETLES see subdivision under *Karelia*

BARLEY

Changes in the growth and leaf formation of barley following γ -irradiation of seeds, V. N. Savin, A. A. Shator, Radiobiologiya 5 no. 1:131-133 '66.

Size of seeds and the yield of barley, G. F. Nikitenko, I. U. M. Nenarokov, Zemledelo 28 no. 2:59-61 F '66.

BARLEY BREEDING

Production of polyploidy in barley, R. V. Pevgova, Genetika no. 1:171-172 Ja '66.

BARNAUL—HARBOR—COST OF OPERATION

Important means of improving the economic indices of port operation, N. Maslennikov, Rech. transp. 23 no. 6:17-18 Je '65.

BAROMETRIC HYPSOMETRY

Method of barometric leveling in gravimetric mapping with an isobaric section in steps of 0.5 and 1.0 m, L. N. Kulakov, Razved. geofiz. no. 7:107-117 '65

BAR (ENGINEERING)

Derivation of basic equations for calculating bars (without torsion) taking into consideration couple stresses, L. P. Vinokurov, N. I. Derevianko, Prikl. mekh. 2 no. 3: 72-78 '66.

Oblique bending of a bimetallic bar with a cross section bounded by arcs of circles, V. M. Dzluba, T. S. Akul'shina, Prikl. mekh. 2 no. 2:126-130 '66

Stability of composite bar systems, S. A. Regitskii, Trudy Ural. elektromekh. inst. inzh. zool. dur. transp. no. 10:40-45 '65.

BAR (ENGINEERING)—TESTING

Effect of structure on the strength of extruded rods of the VT-3 alloy, L. A. Elagina, A. A. Gol'man, Tsvet. met. 30 no. 1:72-83 Ja '66.

BARTER

"Soft-balled" books, A. Gromov, knizh. tolg. 17 no. 4: 47 Ap '66

BARYONS

Annihilation of baryons in disturbed $U(12)$ -symmetry, P. Vinternits and others, IAd. fiz. 3 no. 3:541-544 Mr '66.

Possibility of the existence of a passive baryon state, I. U. A. Smorodin, Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 5:197-201 Mr '66.

$SU(6)$ -symmetry and baryon interaction with mesons and an electromagnetic field, D. V. Volkov, IAd. fiz. 3 no. 3:520-532 Mr '66.

BARYONS—DECAY

Decay of baryons and mesons with production of electron-positron pairs in $U(12)$ symmetry, Dao Vong Duc, IAd. fiz. 3 no. 3:545-548 Mr '66.

BAS-RELIEF

Scale and size of sculptured reliefs in architecture, N. L. Garkusha, Stroitel. arkhitekt. [zhurnal] no. 2:181-190 '65.

BASE MEASURING

Necessary precision of base measurements in micro- triangulation networks, O. V. Tupolev, Geod. i kart. no. 11:33-41 N '65.

BASEDOW'S DISEASE see *Graves' disease*

BASHKIR FOLK MUSIC see *Folk music, Bashkir*

BASHKIRIA—BANKS AND BANKING

We are carrying out the decisions of the plenum, A. Kur'manov, Den. i kred. 24 no. 3:44-48 Mr '66.

BASHKIRIA—GAS, NATURAL—GEOLOGY

Prospects for finding oil and gas in the Bashkir dome, N. I. Kluchnikov, A. Z. Alkano, Geol. neftegaza 10 no. 1:1-8 Ja '66.

BASHKIRIA—LANDSLIDES

Characteristics of landslide phenomena in Bashkiria, E. A. Lushnikov, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2:74-78 '61.

BASHKIRIA—LECTURES AND LECTURING

Some words to the lecturers of Bashkiria, V. Dedenko, Mezhdunar. zhurnal 13 no. 4:160 '66.

BASHKIRIA—PETROLEUM AS FUEL

High-grade fuel fraction from Arlan petroleum, I. A. B. Chertkov, V. G. Spirkin, V. N. Demishev, Nefteper. i neftekhim. no. 11:12-14 '66

BASHKIRIA—PETROLEUM GEOLOGY

Allyssal structure of the Bavy-Baltayev zone, P. A. Blokhin and others, Geol. neftegaza 9 no. 3:57-60 Mr '65.

Characteristics of petroleum occurrences in Upper Devonian and Tournaisian carbonate sediments in central Bashkiria, O. M. Mikhichian, Neftegaz. geol. i geofiz. no. 2:8-11 '66.

Prospects for finding oil and gas in the Bashkir dome, N. I. Kluchnikov, A. Z. Alkano, Geol. neftegaza 10 no. 1:4-8 Ja '66.

BASHKIRIA—PETROLEUM INDUSTRY—MANAGEMENT

Volunteer economists look for production potentials, A. Khudbulin, Neftanik 11 no. 2:16-18 F '65.

BASHKIRIA—PHYSICAL GEOGRAPHY

Ufa. Bashkirskii gosudarstvennyi universitet. [Division of the Bashkir A. S. S. R. into physico-geographical regions] Fiziko-geograficheskoe raznoobrazie Bashkirskoi ASSR, Ufa, 1964. 209 p. (Iz. Uchenye zapiski, vol. 18. Seriya geograficheskaya, no. 1)

BASHKIRIA—SHOE INDUSTRY—FINANCE

Potentials of the increase of the economic efficiency of shoe manufacture, F. A. Bululin, M. B. Rossinskii, Kozh.-obuv. prom. 8 no. 2:4-7 F '66.

BASHKIRIA—TEACHERS, TRAINING OF

Expanding the methodological horizons, L. Khalikova, Prof. i tekhn. obs. 23 no. 2:27 F '66

BASICITY

Basicity constants of ferrocene amines, A. N. Nezmolnov, V. I. Romanenko, V. A. Sazonova, Izv. AN SSSR, Ser. khim. no. 2:357-358 '66.

BASIL (PLANT)—DISEASES AND PESTS

Results of testing methyl bromide against fusarium infection of eugenol-bearing basil (*Ocimum menthaefolium* x *O. gratissimum*) cultivated under glass, O. M. Dzidzharova, Trudy Sukh. opyt. sta. efirnomas. kul't. no. 5:89-90 '64.

BASIL (PLANT)—FERTILIZERS AND MANURES

Economic foundations of effectiveness in applying mixed organic-mineral fertilizers to the pink geranium (*Pelargonium roseum*) eugenol-bearing basil (*Ocimum menthaefolium* x *O. gratissimum*), V. I. Matvienko, Trudy Sukh. opyt. sta. efirnomas. kul't. no. 5:55-60 '64.

Effect of various amounts and proportions of mineral fertilizers on the yield of eugenol-bearing basil (*Ocimum menthaefolium* x *O. gratissimum*), G. I. Bukla, Trudy Sukh. opyt. sta. efirnomas. kul't. no. 5:40-41 '64.

BASKING SHARK see subdivision under *White Sea*

BASKOV, BORIS SOKRATOVICH, 1884-1955

Reminiscences of B. S. Baskov, V. S. Lel'chuk, Vop. ist. 41 no. 3:94-96 Mr '66.

BASTNAESITE

Hydroxyl-bastnaesite, a new mineral variety, A. S. Kirillov, Zap. Vses. min. ob-va 95 no. 1:51-59 '66.

BASYUGAN VALLEY—GAS, NATURAL—GEOLOGY

Oil and gas potentials of Jurassic and Neocomian sediments in the Basyugan Valley, S. I. Bliznichenko, Geol. neftegaza 10 no. 2:47-53 F '66.

BATHROOMS—DESIGN AND CONSTRUCTION

Manufacture of bathrooms by the plate bending method, S. Butavin, Stroitel. arkhitekt. Uzb. 6 no. 6:7-8 Je '65.

BATHS, COLD

If you want to be healthy... I. Zakharov, Sov. voim. 47 no. 24:36 D '65.

BATYROV, SHADZHA BATYROVICH, 1908-1955

Sh. B. Batyrov; an obituary, Vop. ist. 41 no. 4:217 Ap '66.

Shadzha Batyrovich Batyrov; an obituary, Nar. Az. i Yr. no. 2:251 '66.

Shadzha Batyrovich Batyrov; obituary, Izv. AN Turk. SSR Ser. fiz.-tekhn. i khim. i geol. nauk no. 5:3-5 '65

BAUXITE

Highly-basic bauxite sinters, V. A. Utkov and others, Stal' 26 no. 3:212-213 Mr '66.

BOYAN-AUL REGION (KAZAKHSTAN)—PASTURES AND MEADOWS

Wild rye meadows of the Boyan-Aul peninsula, O. M. Demina, Izv. AN Kazakh. SSR Ser. biol. nauk 4 no. 1:42-49 Ja-F '66.

BOYAN-AUL REGION (KAZAKHSTAN)—WILD RYE

Wild rye meadows of the Boyan-Aul peninsula, O. M. Demina, Izv. AN Kazakh. SSR Ser. biol. nauk 4 no. 1:42-49 Ja-F '66.

BOYERITE

Structure and texture of boyerite and aluminum γ -oxide, A. M. Rubinshteyn and others, Izv. AN SSSR, Ser. khim. no. 2:350-352 '66.

BAZALETI, LAKE—PARASITES—REPTILES

Ecologic and helminthologic study of vertebrates in Lake Bazaleti, Helminthofauna of reptiles, L. I. Petrashevskii, Soob. AN Gruz. SSR 41 no. 1:173-178 Ja '66

BAZALETI, LAKE—WORMS, INTESTINAL AND PARASITIC

Ecologic and helminthologic study of vertebrates in Lake Bazaleti, Helminthofauna of reptiles, L. I. Petrashevskii, Soob. AN Gruz. SSR 11 no. 1:173-178 Ja '66

BAZILEVICH, IVAN EVGEN'EVICH, 1904-

Ivan Evgen'evich Bazilevich, on his 60th birthday, I. U. E. Alentayev, O. V. Kotskii, V. L. Levin, Usp. nat. nauk no. 5:288-292 S-O '65.

BEAMS AND GIRDERS

Bending by the Saint-Venant method of box beams composed of standard bars, I. I. Selezennikova, Trudy GISI no. 39:16-30 '61

Calculating beams on an elastic foundation with unilateral connection, A. A. Afenduliev, Trudy GISI no. 39:17-55 '61.

Design and calculation of statically undeterminable stepped beams, S. E. Shavolov, Trudy LITTSBP no. 17:203-218 '65.

Determining concentration coefficients in beams subjected to torsion, M. A. Barg, I. A. Barg, A. L. Livshits, Vest. mashinost. 48 no. 2:29-31 F '66.

Experimental study of prestressed steel sectional beams, V. V. Birlulov, A. Z. Klifachin, Izv. vys. ucheb. zav., stroit. i arkhitekt. 9 no. 1:17-56 '66.

Experimental study of the actual performance (durability) of crane beams with flanges reinforced by sloping lamels, I. E. Spengler, S. M. Rodov, Shor. nauch. trud. Dnepr. inzh.-stroit. inst. no. 25:48-69 '62.

Optimal stressed state of prestressed metal beams operating at an elastic stage, A. A. Vasil'ev, Izv. vys. ucheb. zav., stroit. i arkhitekt. 9 no. 1:3-12 '66.

Stability of I-beams during the action of an eccentrically applied lateral load, A. Z. Zarifian, Izv. vys. ucheb. zav., stroit. i arkhitekt. 9 no. 1:69-71 '66.

Static calculation of momentarily rigid guy girders on elastic supports, E. M. Sidorovich, Stroit. mekh. i rasch. soor. 8 no. 1:15-19 '66.

Stressed state in the bending of composite beams, E. K. Divakova, Trudy GISI no. 39:94-108 '61.

BEAMS AND GIRDERS—VIBRATION

Transverse vibrations of sectional beams, V. V. Karayashkin, A. G. Shukot'ko, Vest. Mosk. un. Ser. i Mat., mekh. 21 no. 2:100-105 Mr-Apr '66.

BEAMS AND GIRDERS—WELDING

A hydraulic device for the assembly of beams, A. V. Lokosov, Svar. prozv. no. 3:40-41 Mr '66.

Strength of thin-walled box-section beams under the effect of welding stresses, V. S. Rublev, M. N. Krumboldt, M. S. Gribova, Svar. prozv. no. 4:16-18 Ap '66.

BEANS

Fertilizing level and the effectiveness of treating bean seeds with ionizing radiation, A. A. Shutor, Vest. sel'khoz. nauki 10 no. 7:130-131 Ji '65.

BEANS—TOXICOLOGY

Detection of ryanine in the Azerbaijan S. S. R., R. B. Dzhyadov, Azerb. med. zhur. 43 no. 1:13-10 Ja '66.

BEARING INDUSTRY—MECHANIZATION

Automation and mechanization of the manufacture of bearings, N. N. Fedotov, Trudy VNIPP no. 3:110-124 '63

BEARING INDUSTRY—TECHNOLOGICAL INNOVATIONS

Technological progress in the bearing industry, A. I. Spritshevskii, Trudy VNIPP no. 3:3-10 '63.

BEARING METALS

Electron beam melting and refining of ShKh15 ball-bearing steel. IU, M. L. Minenko, B. A. Mochan, A. I. Iskhonovskii. *Stal'* 26 no. 3 230-232 M '66.
The most stable, heat-resistant and stainless alloys for antifriction bearing parts. A. S. Shchit. *Trudy VNIPP* no. 3 40-60 '61.

BEARING METALS—ELECTROMETALLURGY

Cast of ball-bearing steel smelted in electric furnaces of various capacities. V. F. Zeinshvili, D. G. Zhukov, L. A. Kiyavtsova. *Stal'* 26 no. 2 176-177 F '68.

BEARING METALS—INCLUSIONS

Effect of the final decarboxylation of ball-bearing steel on its contamination by nonmetallic inclusions. Met. i koksokhm. no. 3 111-121 '65.

BEARINGS (MACHINERY)

Advanced methods for making bearing ring billets. IU, L. Korshustevskii. *Trudy VNIPP* no. 3 70-77 '63.

Development of the design of antifriction bearings. P. N. Sidorov. *Trudy VNIPP* no. 3 31-30 '63.

Development of the technology of bearing ball manufacture. S. P. Bakov. *Trudy VNIPP* no. 3 07-101 '63.

Direct hydrodynamic calculation of the dimensions of sliding bearings. E. A. Gotsag, Dokl. MITSPI no. 5 45-55 '64.

Economical method for lining bearings. M. N. Popikov. *Mashinostroitel'* no. 3 24 M '66.

Improving the machining of bearings on lathe. V. M. Kanetsov. *Trudy VNIPP* no. 1 78-87 '63.

New developments in the theory of design of antifriction bearings. N. A. Spilyun, M. Z. Nazaretskii, I. A. Lysenko. *Trudy VNIPP* no. 3 11-30 '63.

Radial stresses in antifriction bearings of the spindle units of vacuum machinery. N. I. Kanyshnyi, S. M. Katshev. *Izv. vuz. ucheb. zav. mashinost.* no. 12-39-44 '65.

Reconditioning crankshaft bearing beds. A. Solntsev, V. Kuchkin. *Avi. transp.* 44 no. 2:30-31 F '66.

Repairing seals of the crankshaft bearings of truck and tractor engines. M. Melkov, A. Pashennykh. *Tekhn. v sel'khoz.* 26 no. 3:66-68 Mr '66.

Simple numerical calculating of the characteristics of sliding bearings with arbitrary shape. E. L. Pozniak. *Mashinovedenie* no. 2 01-00 '60.

Study of the temperature regime of a compressed-wood antifriction layer in slide bearings. P. N. Khukhlin, L. F. Iudin, C. I. Kuznetsov. *Izv. vuz. ucheb. zav., tekhn.* 6 no. 6 01-105 '65.

Surface layer and contact fatigue limit of ShKh15 steel during rolling bearing processes. N. P. Panchenko. *Metallurg. i term. obr. met.* no. 3:22-24 Mr '66.

Use of roller bearings for large-diameter ship propeller shafts. D. L. Garmashev, Z. R. Shening. *Sudostroenie* 56 no. 2:62-66 F '66.

BEARINGS (MACHINERY)—LUBRICATION

Calculating pressures in the oil layer of cushions of a thrust bearing in case of a nonisothermal process. A. K. D'achkov. *Mashinovedenie* no. 2:100-111 '66.

Investigating centrifugal lubrication of antifriction bearings. B. D. Voronkov. *Vest. mashinost.* 40 no. 3: 11-44 Mr '60.

Investigating static friction in lubricated sliding bearings. A. S. Iofan. *Samoletost. i tekhn. vord. flota* no. 1:45-53 '65.

BEARINGS (MACHINERY)—RELIABILITY

Increasing the reliability of the work of diesel engine bearings of diesel locomotives. N. A. Busha, V. A. Dvorskina, L. I. Narskikh. *Vest. TSNII MPS* 26 no. 2:21-25 '66.

BEARINGS (MACHINERY)—TESTING

Characteristics and nature of the breakdown of operating surfaces of bearing parts. N. N. Kachanov. *Trudy VNIPP* no. 3 45-59 '63.

Improving the methods and means for the durability tests of bearings. G. A. Ignat'ev. *Trudy VNIPP* no. 3: 10-14 '63.

BEARINGS (MACHINERY)—VIBRATION

Vibration and humming of antifriction bearings. S. V. Pinegin, K. V. Frolov. *Mashinovedenie* no. 2:30-45 '66.

BEDSTRAW

Phytochemical study of the bedstraw *galium salsicifolium*. M. I. Boiyasov, IU, H. Boiyasink. *Farmatsev. zhur.* 10 no. 8:16-18 '63.

BEECH see subdivision under Caucasus, Northern

BEEF—ANALYSIS

Characteristics of beef as related to the hormonal condition of the organism. G. V. Shcherbin. *Veterinaria* 42 no. 1:100-101 Ja '66.

BEEF CATTLE

Increasing milk and beef productivity of cattle in the non-Chernozem zone. N. F. Rostovtsev. *Vest. sel'khoz. nauki* 11 no. 3:42-47 Mr '66.

Meat quality of the young Alatau, Estonian Black and White, and Red Steppe cattle. D. K. Karybaev. *Vest. sel'khoz. nauki [Kazakh]* 9 no. 2 30-45 F '66.

BEEF CATTLE—FEEDING AND FEEDS

Economical way to increase meat sources. S. Zhitenk. *Mas. i ml. SSSR* 37 no. 1 27 '66.

Raising young cattle of the main Russian breeds for beef purposes. N. F. Rostovtsev, I. I. Chichashchenko. *Dokl. Akad. sel'khoz. nauk* no. 2 28-34 F '66.

BEEF CATTLE BREEDING

Heterosis in raising cattle for beef. N. F. Rostovtsev. *Vest. sel'khoz. nauki* 10 no. 6:1-8 Jo '63.

BEETLES

Kulnitch, P. N. [Beetles harmful to fruits and nut plants on the southern slope of the Gissar Range] Zhukhi, vrediashechie plodovym i orekhoplodnyim kul'turam luzhnoy sklon. Gissarskogo khrebita. Dushanbe [Izd-vo AN Tadzhikskoi SSR] 1965. 170 p. (DNL)

BEETLES, FOSSIL see subdivision under Transbaikalia

BEETS AS FEED

Ensilaging corncocks with forage beet in winter. T. V. Gorb, S. T. Khitsenko. *Vest. sel'khoz. nauki* 10 no. 7: 107-111 J '65.

BELLIN, ISAAC GRIGOR'EVICH, 1883-1965

In memory of Isaac Grigor'evich Bellin (1883-1965). N. A. Cherenin. *Bot. zhur.* 51 no. 1:143-141 Ja '66.

BEKLESHOV, BORIS LEONEDOVICH, 1920-

Kabo, L. R. [Tale about Boris Bekleshov] Povest' o Boise Bekleshove. Izd. 2. [Moskva] Molodeta gvardii, 1965. 318 p. (CS-1f)

BELAVENETS, IVAN PETROVICH, 1829-1878

Russian sailor and scientist. M. Bilokh. *Mor. flot* 28 no. 3:41 Mr '66.

BELEMNITES see subdivision under Siberia

BELFAST, NORTHERN IRELAND—PETROLEUM

REFINERIES
Petroleum refinery of the "British Petroleum" Company in Belfast (Northern Ireland). *Neftepr. i neftekhim.* no. 2:67-68 '66.

BELGIAN INVESTMENTS see Investments, Belgian

BELGIUM—IRON FOUNDRY

Production of high-strength cast iron in the ACEC foundry. V. A. Irosimov. *Lit. proizv.* no. 2:45-47 F '65.

BELGIUM—POLITICS AND GOVERNMENT

Belgium: A coalition of bourgeois parties. N. Paklin. *Nov. vrem.* 23 no. 14:22 Ap '66.
Governmental crisis. V. Valentinov. *Mozhdunar. zhizn'* 13 no. 4:118-119 '66.

BELGOROD-DNESTROVSKY DISTRICT

Practices in the planning of Belgorod-Dnestrovskiy District. D. Goldberg. *IU. Shut. Stoi. i arkh.* 12 no. 4:26-27 Ap '64.

BELGOROD PROVINCE—CATTLE—FEEDING AND FEEDS

Efficiency of the commercial fattening of cattle. N. Vasil'ev. *Ekon. sel'khoz.* 41 no. 3:20-27 M '66.

BELGOROD PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The year of advantageous changes. M. Ivanov. *Agitator* 33 no. 3:20-31 F '66.

BELGOROD PROVINCE—STOCK AND STOCKBREEDING

Advantages of and prospects for specialization. A. Kotov. *Kommunist* 42 no. 4:42-44 Mr '66.

BELGOROD PROVINCE—SUGAR INDUSTRY—TECHNOLOGICAL INNOVATIONS

Gol'dfarb, L. G. [People of creative work; they make sugar] Ljudi tvorcheskogo truda; oni delaui skhhar. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1964. 68 p. [MICROFILM]

BELIEF AND DOUBT

Substance of the concept of "ideological conviction." M. F. Barodich. *Vest. AN BSSR. Ser. hum. nav.* no. 1:17-24 '66.

BELLO, ANDRES, 1781-1865

The centenary of Andres Bello's death. G. V. Stepanov. *Vest. LGU* 21 no. 2 153-154 '66.

BELLOWS (MECHANICAL ENGINEERING)

Axial rigidity of seamless bellows. V. B. Zhukov. *Vest. mashinost.* 46 no. 2 27-29 F '66.

BELOKHOLUNITSKIY (KIROV PROVINCE)—MACHINERY INDUSTRY

Belokholunitskiy mashinostroitel'nyi zavod. [Bicentennial of the Belokholunitskiy Machinery Plant, 1764-1964] Belokholunitskomy mashinostroitel'nomu zavodu - 200 let (1764-1964 gg.). Kirov, 1965. 168 p.

BELORETSK DISTRICT—CAVE DRAWINGS

Bader, O. N. [Kapovaya Cave; paleolithic painting] Kapovaya peschiera, paleoliticheskaia zhivopis'. Moskva, Nauka, 1965. 31 p. Illus. [In Russian and French]

BELOUSOV, NIKOLAI STEPANOVICH

Actor from the First fortress. V. Vhen. *Sov. voen.* 47 no. 19 30-32 O '65.

BELOW, I. P.

The supreme commander of the Turkistan Republic. A. Zevetov, I. Teltatnikov. *Voen.-ist. zhur.* 8 no. 3: 101-106 Mr '60.

BELOW, NIKOLAI VASIL'EVICH, 1891-

Awarding the M. V. Lomonosov Gold Medal. *Vest. AN SSSR* 38 no. 2 186 F '66.

M. V. Lomonosov Gold Medal for 1965. *Priroda* no. 2:115-116 F '66.

BELOVODSK DISTRICT—WHEAT

Crops preceding winter wheat. A. IA, Miroshchchenko. *Zemledelie* 28 no. 2:38-41 F '65.

BELOZERKA REGION (UKRAINE)—MINERALS

Characteristics of certain minerals of rocks in the Belozerska Magnetic Anomaly. S. M. Rishakon'. *Geol. zhur.* 23 no. 1 31-43 '65.

BELTS AND BELTING

Conference on the manufacture of V-shaped belts. IU, A. Shupovalov. *Kauch. i rez.* 28 no. 2:47-49 '66.

Reconditioning V-belts. S. Gordienko. *Tekhn. v sel'khoz.* 28 no. 1 71-73 Ja '66.

BENDING MACHINES

Device for the bending of tin. N. M. Mitrofanov. *Shkola i proizv.* 10 no. 3:65-69 M '66.

BENTIONS see subdivision under Gorky Reservoir

BENTONITE

(see also subdivision under Volga Valley)

Bentonite gel as a glycerin substitute in tooth pastes. P. P. Salo and others. *Farmatsev. zhur.* 20 no. 4: 24-27 '65.

Copolymerization of tetrahydrofuran and propylene oxide on natural aluminosilicate catalysts. L. I. Reilburd and others. *Plast. massy* no. 3 8-11 '66.

BENZACINE

Photocolorimetric method of determining benzene in ampule solutions. V. F. Kramarenko, T. P. Benzai. *Apt. deto* 15 no. 1:58 60 Ja-F '66.

BENZALDEHYDE—PHYSIOLOGICAL EFFECT

Synthesis of azolyne derivatives with possible hypoglycemic effect. V. F. Zuhenko, S. M. Ilyzha. *Farmatsev. zhur.* 21 no. 1:3-6 '65.

BENZENE

Analysis of mixtures containing isomers of diisopropylbenzene and 1,1,3-trimethylindane by means of gas-liquid chromatography. M. L. Vlovlavets and others. *Neftekhimika* 5 no. 3:145-148 My-Je '65.

Chloromethylation of some α -alkoxybromobenzenes. A. A. Arolan. *Izv. AN Arm. SSR, Khim. nauk* 17 no. 5:532-542 '64.

Dealkylation of n-amybenzene on an aluminosilicate catalyst. Chir. Dimilov, R. Polova. *Kin. i kat.* 7 no. 1:16-110 Ja-F '66.

Dipole moment of the π -complex of aluminum bromide with benzene. I. P. Romm, E. N. Gur'ianova. *Zhur. ob. khim.* 36 no. 3:393-397 Mr '66.

Effect of the fractional and chemical composition of raw materials on the technical and economic indices of the pyrolysis of low-octane benzene fractions. T. N. Mukhina and others. *Khim. prom.* 42 no. 3:171-173 Mr '66.

Kinetics of benzene sulfation in a dimethylsulfate solution. O. I. Kachurin. *Izv. vuz. ucheb. zav., khim. i khim. tekhn.* 8 no. 8:945-949 '65.

Thermochemistry of thioxyanide tetrabutyl ammonium solutions in benzene. K. P. Mishchenko, G. M. Poltorak. *Trudy LTTSPB* no. 10:146-150 '65.

BENZENE, EFFECT OF RADIATION ON

Nature and kinetics of accumulation of benzene radiolysis products in aqueous solutions of sodium nitrate. A. I. Chernova, V. D. Orekhov. *Kin. i kat.* 7 no. 1:40-54 Ja-F '66.

BENZENE DERIVATIVES

- Aromatic nucleophilic substitution. Part 7 Orientation in the reactions of pentachloro-substituted derivatives of benzene with nucleophilic agents. G. G. Iakobson, L. S. Kobrina, G. K. Semlin. Zhur. org. khim. 2 no. 3, 495-501 Mr '66.
- Catalytic dealkylation of trimethylbenzenes G. V. Maslanshii and others. Neftekhimika 5 no. 3, 328-331 My-Je '63.
- Ternary complex compounds of aluminum and alkali metal bromides with xylene and toluene G. G. Rusin, R. K. Marchenko. Ukr. khim. zhur. 32 no. 1, 106-107 '66.

BENZENESARSONIC ACID

- Savvin, S. B. [Arsenazo III, methods for the photometric determination of rare and actinide elements] Arsenazo III, metody fotometricheskogo opredeleniia redkikh i aktinidnykh elementov. Moskva, Atomizdat, 1966 255 p.

BENZIDINE

- Effect of anilinyne on the oxidation reaction of benzidine L. V. Kalakutskii, Z. Rehacek, I. A. Kozova. Mikrobiologiya 35 no. 1, 77-81 Ja-F '66.

BENZIMIDAZOLE

- Complex formation of 2-methylbenzimidazole and 1,2-dimethylbenzimidazole with some copper salts in methanol M. V. Aitenko, K. P. Siksenenko. Ukr. khim. zhur. 32 no. 2, 136-143 '66.
- Crystallinity of poly-2,2'-octamethylene-5,5'-dibenzimidazole. B. M. Ginzburg and others. Vysokom. soed. 8 no. 2, 278-281 F '66.
- Synthesis of some S-substituted 2-(mercaptoethyl) benzimidazoles and their study as polypropylene oxidation inhibitors. B. P. Fedorov and others. Izv. AN SSSR, Ser. khim. no. 2, 258-274 '66.

BENZOCANE

- Microcrystallographic reactions of anesthetic based on crystal optics V. T. Pozdnakova, D. I. Rogovskiy. Farmats. zhur. 18 no. 6, 53-56 '63.

BENZOFURAN-CARBOXYLIC ACID

- Phytoestrogens. Report No. 1: Synthesis in the series of coumestan derivatives. 8,13-diallyl coumestrol. A. A. Shamsurin, M. A. Iampol'skaya, L. L. Simonova. Khim. prirod. soed. 2 no. 1, 51-55 '66.

BENZOIC ACID

- Constants of dissociation of benzoic acid at temperatures from 25 to 80°C. B. S. Smolakov, M. P. Primenchuk. Zhur. fiz. khim. 40 no. 3, 618-623 Mr '66.
- Density of benzoic acid in methanol. S. Tanevskaya-Osinska, K. P. Mishchenko. Trudy LTITSBP no. 10, 151-153 '65.
- Kinetics of heterolytic rearrangement of cumyl perbenzoate and some of its derivatives. N. V. Iablokova, V. A. Iablokov, V. A. Shushunov. Kinetika, 7 no. 1, 165-168 Ja-F '66.
- Study of the effect of inorganic substances on the solubility of medicinal compounds O. P. Brazhnykova, V. P. Huslakov. Farmats. zhur. 18 no. 6, 39-41 '63.
- Synthesis of the derivatives of α -aminobenzoic acid with a possible local anesthetic effect N. N. Valtshko. Farmats. zhur. 18 no. 6, 25-27 '63.

BENZOIC ACID—THERMODYNAMICS

- Thermodynamics of benzoic acid solutions in methanol based on tensimetric measurements. S. Tanevskaya-Osinska, K. P. Mishchenko. Zhur. fiz. khim. 40 no. 3, 641-645 Mr '66.

BENZON

- Decafluorohydrobenzoin. N. N. Vorozhtsov Jr., V. A. Baikhash, L. M. Bova. Izv. AN SSSR, Ser. khim. no. 2, 382-384 '66.

BENZOPIRANOL

- Dioxychromenols as photometric reagents for tungsten. E. N. Poluektova. Zhur. anal. khim. 21 no. 2, 187-191 '66.

BENZOPYRENE

- Inactive changes in the epifluorim of the cycloid. V. A. Vasil'eva. Arkh. anat., gist. i embr. 50 no. 1, 54-58 Ja '66.

BENZOQUINOLINE

- Free nitroxide radicals on the basis of benzoquinolines. L. S. Pavlov, A. B. Shapiro, E. G. Rozantsev. Izv. AN SSSR, Ser. khim. no. 2, 330-341 '66.

BENZOQUINONE

- Optical isomerism of diethyl ester of 2,5-di(N- β -phenyl- α -alanine)-3,6-difluoro-1,4-benzoquinone. V. S. Martynov, A. N. Makarova, A. I. A. Berlin. Zhur. ob. khim. 36 no. 3, 414-416 Mr '66.

BENZOTIAZOLE

- Ionogenic addition of halogens to bismethylene bases of nitrogen heterocycles. Part 3. A. I. Kiprianov, M. I. Kornilov, S. K. Mikhailik. Zhur. org. khim. 2 no. 3, 552-558 Mr '66.

BENZOXAZOLE

- Polybenzoxazoles, their preparation and thermal degradation. G. I. Biaz and others. Vysokom. soed. 8 no. 2, 272-277 F '66.

BENZOYL PEROXIDE

- Interaction of diisopropylperoxide with tert-butyl hydroperoxide and benzoyl peroxide G. A. Ruzavacv and others. Zhur. ob. khim. 36 no. 2, 218-261 F '66.

BENZYL ALCOHOL

- Effect of surface-active agents on the electrooxidation of benzyl alcohol on a platinum electrode. N. F. Moiseeva, S. V. Gorbachev. Zhur. fiz. khim. 40 no. 3, 737-741 Mr '66.

BENZYLAMINE

- Effect of X rays and embitol on the aldolase activity in the blood. V. O. Musilko. Ukr. biokhim. zhur. 38 no. 1, 55-58 '66.

BERDYANSK DISTRICT—COMMUNITY CENTERS—DESIGN AND CONSTRUCTION

- Building to meet cultural and public needs should be given the center of attention V. Omel'chenko. SII, bud. 15 no. 3, 5-6 Mr '65.

BERDZENISHVILI, NIKOLAI ALEKSANDROVICH, 1895-1966—BIBLIOGRAPHY see Bibliography—Berdzenishvili, Nikolai Aleksandrovich, 1895-1966

BEREZOVO GAS FIELD—GAS, NATURAL—GEOLOGY

- Conditions determining the formation of reservoir rocks in the producing horizon of the Berезovo gas field. L. P. Alekhina. Geol. neftegaza 10 no. 2, 18-21 F '65.

BEREZOVO GAS FIELD—GEOLOGY, STRATIGRAPHIC

- Stratigraphy of the Upper Jurassic marine producing sediments in the Berезovo gas bearing region. G. S. Iasovlich. Sov. geol. 9 no. 2, 137-140 F '66.

BERING SEA—MARINE SEDIMENTS

- Leitayn, A. P. [Processes of recent sediment formation in the Bering Sea] Protsessy sovremennogo osadkobrazovaniia v Beringovom more. Moskva, Nauka, 1966. 573 p.

BERING SEA—STELLER'S SEA LION

- A herd of Steller's sea lions in the Bering Sea. I. U. M. Fivenski. Zap. Paimor. fil. Geog. ob-va SSSR no. 1, 148 '65.

BERLIN—HISTORY

- Struggle of workers and sailors of Berlin against the counter-revolutionary conspiracy at the end of December of 1918. V. A. Kozhichenko. Sbor. nauch. rab. Volg. gos. ped. inst. no. 1, 123-133 '64.

BERLIN, EAST—THEATER

- Lessons of the "Komische Oper." Andrei Zolotov. Teatr 27 no. 2, 113-151 F '66.

BERLIN QUESTION (1945-)

- West Berlin and its problems I. U. Kolov. Mozhdunar. zhizn' 13 no. 4, 66-70 '66.

BERNSHTEIN, NIKOLAI ALEKSANDROVICH, 1890-1966

- Nikolai Aleksandrovich Bernshtein; obituary. Vop. filol. 20 no. 3, 182 '66.

BERYLLIUM

- Diffusion saturation with beryllium. G. V. Zernskov, P. I. Mel'nik. Metallurg. i term. obr. met. no. 3, 62-64 Mr '66.

BERYLLIUM—ELECTROMETALLURGY

- Electrolytic separation of beryllium from chloride-fluoride melts. I. F. Nizhkov, S. P. Raspopin, L. G. Bezikov. TSvet. met. 39 no. 1, 65-67 Ja '66.

BERYLLIUM—TESTING

- Oxidability of beryllium during its heating in the open air. M. V. Mal'tsev and others. Izv. vys. ucheb. zav.; tsvel. met. 9 no. 1, 118-118 '66.

BERYLLIUM—THERMAL PROPERTIES

- Thermal diffusivity and thermal conductivity of metallic beryllium. V. S. Chirkin. Atom. energ. 20 no. 1, 80-82 Ja '66.

BERYLLIUM-ALUMINUM-CERIUM ALLOYS see

Aluminum-beryllium-cerium alloys

BERYLLIUM-COPPER ALLOYS see Copper-beryllium alloys

BESSEL'S FUNCTIONS

- Boundary value problem for a wave equation in case of axial symmetry. O. K. Fedorov. Trudy LTITSBP no. 17, 283-284 '65.

- Diffraction of a sound wave on a shallow convex surface. O. K. Fedorov. Trudy LTITSBP no. 17, 265-267 '65.

- Program for the computation of the Bessel's functions $J_1(X)$, $Y_1(X)$ on the "Minsk-1" electronic digital computer. E. A. Mikhaylo. Trudy LVIT no. 59, 56-61 '61.

BESSEMER PROCESS

- Iron content in converter tap cinder during the tap oxygen blowing of pig iron D. V. Pudilov. Stal' 26 no. 2, 117-120 F '66.
- Oxygen-blown converter process K-102B steel with good weldability for building structures N. I. Sandler and others. Izv. vys. ucheb. zav.; tsvel. met. 9 no. 2, 51-55 '66.

- Temperatures of the reaction zone during the oxygen blowing of cast iron. G. Z. Iopukhov, N. P. Lovenets, A. M. Samarin. Izv. AN SSSR, Met. no. 1, 33-37 Ja '66.

BETONICA

- Comparative data on the study of glycerol preparations derived from Betonica officinalis and Betonica grandiflora. V. I. Iosodyn'ska and others. Farmats. zhur. 18 no. 6, 51-53 '63.

BEVEL GEARING see Gearing, Bevel

BEVERAGES—CONTAINERS

- Containers and polymers. A. I. Avarian. Inform. biul. VDNKH no. 1, 16-17 Ja '66.

BEYTSUKHIE VALLEY—DOLOMITE

- Natural dolomite meal in the Matilite Territory. N. V. Ovslannikov, V. I. Min'ko. Zap. Paimor. fil. Geog. ob-va SSSR no. 1, 110-112 '65.

BIDENZYL—SPECTRA

- Hyperchromic effect in spectra of 4-nitro-4'-benzoyl-aminodiphenylalkanes. V. A. Glushchenko, I. U. Sh. Moskvinskii, V. A. Izmull'skii. Zhur. ob. khim. 36 no. 2, 214-216 F '66.

BIBLE

- Besturhev, A. A. [Clarification of the future of "Revelation of St. John the Divine" and the way to its understanding] Tolkovniye budushchego: "Otkrovenie Sv. Ioanna Bogoslova" i put' k ego ponimaniyu. Izd. 2, Ispr. i dop. Jordanville, N. Y., Holy Trinity Monastery, 1962. 62 p. (CU)

BIBLIOGRAPHICAL EXHIBITIONS see subcategory under Latvia

BIBLIOGRAPHICAL SERVICES

- [Classification of literature in the agencies of the bibliographical registration service] Klassifikatsiya literatury v organakh gosudarstvennoy registratsionno-uchetnoy bibliografii. Moskva, "Kniga," 1965. 189 p. (Metodicheskie materialy po gosudarstvennoy bibliograficheskoy registratsii, no. 23)

BIBLIOGRAPHY

- [Annual of Soviet books; classed index] Ezhegod. knigi SSSR; sist. ukaz. vol. 2 '64, publ. '65.
- [Book chronicle] Knizh. let. nos. 13-15, 17, '66.
- [Dopolnitel'nyi vypusk no. 1 '66. Vspomogatel'nye ukazateli k nos. 7-9, 10-12 za 1965 g. Ukazateli sootnykh izdaniy za 1965 g.]
- Bookshelf. B. A. Nikituk. Arkh. anal., gist. i embr. 50 no. 1, 123 Ja '66.
- [Chronicle of the publications of the White Russian S. S. R.] Let. druku BSSR nos. 10-11 O-N '66.
- Erivan, Universitet. Nauchnaya biblioteka. [Bibliography of publications of Erivan State University, 1922-1963] Bibliografiya izdaniy Erevanskogo gosudarstvennogo universiteta (1922-1963). Erevan, Mtk, 1964. 293 p. [In Armenian and Russian]
- [Information index of bibliographical lists and card files] Inform. ukaz. bibl. spis. i kart. 10 no. 4 F '66.
- New books. Agitator 33 no. 1, 63 F '66.
- [New books; bibliographical information weekly] Nov. knigi; ezheod. inform.-bibl. zhur. 11 nos. 11, 13-16 Mr-Apr '66.
- [New books of the U. S. S. R.] Nov. knigi SSSR nos. 12-15 Mr-Apr '66.
- [New literature on science and research abroad] Nov. lit. o nauke i nauch.-issl. rab. za rub. 10 '65, nos. 1-2 '66.
- [New Soviet literature on science and general research in the U. S. S. R.] Nov. sov. lit. o nauke i nauch.-issl. rab. v SSSR nos. 1-2 '66.
- What kind of bibliography our youth needs? N. Akllova. Bibliotekar' 13 no. 3, 48-49 Mr '66.

BIBLIOGRAPHY—AFRICA

- [New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inostr. lit. po stran. Az. i Afr. nos. 1-2 '66.

BIBLIOGRAPHY—AGRICULTURE

- [Agricultural literature of the U. S. S. R.] Sel'khoz. lit. SSSR no. 3 '66.

BIBLIOGRAPHY—AGRICULTURE (Continued)

Moscow. Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka. [Books to aid the agricultural specialist in production, index of the literature for 1961] Kniga - v pomoshch' spetsialistu sel'skogo khoziaistva na proizvodstvo, ukazatel' literatury za 1961 god. Moskva, 1965. 94 p. (DNAI)

Moscow. Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka. [Union index of bibliographic lists and card catalogs, compiled by libraries of the Soviet Union in 1961: Agriculture] Svoynykh ukazatel' bibliografi i karte-kh spiskov i kartotek, sostavlenykh bibliotekami Sovetskogo Soyuza v 1961 godu. Sel'skoe khoziaistvo. Moskva, 1965. 78 p.

[New foreign books. Series V: Biology, medicine, agriculture] Nov knigi za iul. Ser. V: Biol., med., sel', khoz. 10 no. 3. Mi '66.

BIBLIOGRAPHY—AGRICULTURE—ECONOMIC ASPECTS

Central publishing house publications for agricultural economists. P. Shuleikin. Ekonomika sel'sk. khoz. 41 no. 2. 120-121 p. '66.

BIBLIOGRAPHY—ANTARCTIC REGIONS

Bibliography. Inform. bntd. Sov. antark. eksp. no. 54-61-64 '65.

Bibliography. Inform. bntd. Sov. antark. eksp. no. 55-61-65 '65.

BIBLIOGRAPHY—ARCHAEOLOGY

A list of S. V. Kislov's published works. Mat. i issl. po arkheol. SSSR no. 130-13-15 '65.

[New foreign literature on history, archaeology, and ethnography] Nov. knigi za iul. no. 1, arkheol. i etn. nos. 1-2 '66.

[New Soviet literature on history, archaeology, and ethnography] Nov. knigi za iul. no. 1, arkheol. i etn. nos. 1-2 '66.

BIBLIOGRAPHY—ART

[Literature and art of the peoples of the U. S. S. R. and foreign countries] Lit. i iskus. nar. SSSR i zarub. stran. no. 1 '66.

[Soviet publications on the fine arts] Sovetskoe izdatel'stvo izobrazitel'nogo iskusstva. Moskva, Mezhdunarodnaya kniga, 1966. 100 p. illus. (Katalog dlia znatkov, no. 4, 1966 god)

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of Asia and Africa] Nov. knigi za iul. no. 1, po stran. Az. i Afr. nos. 1-2 '66.

BIBLIOGRAPHY—ATHEISM

[New Soviet and foreign literature on the problems of atheism and religion] Nov. knigi za iul. no. 1, po vop. ateiz. i rel. nos. 2-3 '66.

BIBLIOGRAPHY—AZERBAIJAN—PLANTS, PROTECTION OF

List of works published by the members of the Azerbaijan Station of the All-Union Institute of Plant Protection, 1957-1963. Trudy AIZTAZITA 2.113-115 '64.

BIBLIOGRAPHY—BERDZENISHVILI, NIKOLAI ALEKSANDROVICH, 1895-1966

In memory of N. A. Berdzenishvili. V. D. Dondua, R. K. Kiknadze. Ist. SSSR 10 no. 2. 244-245. Mi-Ap '66.

BIBLIOGRAPHY—BEST BOOKS

Bibliography of recommended books is one of the basic functions of V. I. Lenin Library of the U. S. S. R. O. N. Levashina. Trudy Gos. bibl. SSSR 9:47-52 '66.

BIBLIOGRAPHY—BIOLOGY

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za iul. Ser. V: Biol., med., sel', khoz. 10 no. 3. Mi '66.

BIBLIOGRAPHY—BOOKSELLERS AND BOOKSELLING

New publications for booksellers. Knizh. torg. 17 no. 1. 46. Ja '66.

BIBLIOGRAPHY—BULGARIA

[New literature on Bulgaria] Nov. knigi po Bolg. nos. 2-3 '66.

BIBLIOGRAPHY—BURSOV, BORIS IVANOVICH, 1906-

B. I. Bursov; on his 60th birthday. S. S. Derkach. Vses. LGU 21 no. 2. 155-158 '66.

BIBLIOGRAPHY—CAPITAL

Amemlia nauk SSSR. Fundamental'naya biblioteka obshchestvennykh nauk. [Capital investments in the national economy of the U. S. S. R. Capital assets of industry and their use; an index to the Soviet literature, 1945-1964] Kapitalovlozheniia v narodnoe khoziaistvo SSSR. Osnovnye fondy promyshlennosti i ikh ispol'zovanie; ukazatel' sovetskoi literatury 1945-1964. Moskva, Nauka, 1966. 161 p.

BIBLIOGRAPHY—CAPITAL INVESTMENTS

Amemlia nauk SSSR. Fundamental'naya biblioteka obshchestvennykh nauk. [Capital investments in the national economy of the U. S. S. R. Capital assets of industry and their use; an index to the Soviet literature, 1945-1964] Kapitalovlozheniia v narodnoe khoziaistvo SSSR. Osnovnye fondy promyshlennosti i ikh ispol'zovanie; ukazatel' sovetskoi literatury 1945-1964. Moskva, Nauka, 1966. 161 p.

BIBLIOGRAPHY—CHEMICAL WORKERS

Moscow. Publichnaya biblioteka. [Workers on the assault front, review of the recommended literature] Truzheniki udarnogo fronta, rekomendatsionnyi obzor literatury. Moskva, Kniga, 1965. 15 p. (Liudi bol'shoi khimii i khimicheskoi nauki, no. 4)

BIBLIOGRAPHY—CHEMISTRY

[Chemical information; classified index of articles in foreign periodicals] Khim. inform. i sist. uk. st. v knozh. zhur. nos. 1-2. Ja-F '66.

New books. Ukr. Khim. zhur. 32 no. 2. 222-223 '66.

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

New books. Zhur. anal. khim. 21 no. 2. 253 '66.

BIBLIOGRAPHY—CYPRUS—POLITICS AND GOVERNMENT

The national liberation movement in Cyprus. T. K. Kishineva. Vop. ist. 11 no. 3. 170-193. Mi '66.

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on Czechoslovakia] Nov. knigi po Chekh. nos. 2-3 '66.

BIBLIOGRAPHY—DANTSIG, BORIS MOISEVICH, 1896-

Bibliography of the basic scholarly works by B. M. Dantsig, doctor of historical sciences, on his seventieth birthday. Nar. Az. i Afr. no. 2. 225-228 '66.

BIBLIOGRAPHY—D'IAKOV, ALEKSEI MIKHAILOVICH, 1896-

Bibliography of the basic scholarly works by A. M. D'IAKOV, doctor of historical sciences. Nar. Az. i Afr. no. 2. 223-225 '66.

BIBLIOGRAPHY—ECONOMICS

Moscow. Publichnaya biblioteka. [Principles of political economy, a recommended list of literature] Osnovy politicheskoi ekonomii, rekomendatsionnyi ukazatel' literatury. Moskva, Kniga, 1965. 110 p.

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za iul. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 9 no. 3. Mi '66.

[New foreign economic literature] Nov. knigi po ekon. ist. nos. 1-2 '66.

[New Soviet economic literature] Nov. knigi po ekon. ist. nos. 2 '66.

BIBLIOGRAPHY—EDUCATION

[Literature on the pedagogical sciences and public education] Lit. po ped. naukam i nar. obr. Oct.-Dec '64 no. 4 '65.

BIBLIOGRAPHY—EFIMOV, GERONTI VALENTINOVICH, 1906-

Bibliography of the basic scholarly works by G. V. Efimov, doctor of historical sciences, on his sixtieth birthday. Nar. Az. i Afr. no. 2. 231-233 '66.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

Dissertations for the degree of candidate in technical sciences. A. Seigeev. Elektrichestvo no. 4. 91-92. Ap '66.

BIBLIOGRAPHY—ELECTRIC METAL CUTTING

Amemlia nauk Moldavskoi SSR. Kishinev. Institut elektrofizicheskikh problem. [Electric spark machining of electroconductive materials; a bibliography, 1950-1962] Elektroskrovnaya obrabotka tokovodnykh materialov, bibliografiicheski ukazatel' (1950-1962). Kishinev, Karla moldoveniaska, 1964. 80 p.

BIBLIOGRAPHY—ELECTRIC POWER PLANTS

Bibliography on articles on power generating blocks published in 1963-1965. Teploenergetika 12 no. 12. 90-91. D '65.

BIBLIOGRAPHY—ELECTRONIC DATA PROCESSING

Survey of articles on the use of computers in thermal engineering for 1963-1965. Teploenergetika 13 no. 1. 94-96. Ja '66.

BIBLIOGRAPHY—ELECTRONICS

Literature on radioelectronics for 1965. N. Zabolotskii. Radio no. 2. 15-16. F '66.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. knigi po ist., arkheol. i etn. nos. 1-2 '66.

[New Soviet literature on history, archaeology, and ethnography] Nov. knigi po ist., arkheol. i etn. nos. 1-2 '66.

BIBLIOGRAPHY—EUROPE, EASTERN

[New literature on the general problems of the European socialist countries] Nov. knigi po obshch. prbl. evropeisk. stran. no. 2 '66.

BIBLIOGRAPHY—FISHERIES

Read these books. Ryb. khoz. 42 no. 2. 93-94 '66.

BIBLIOGRAPHY—FLIS, IL'IA EVSEVICH, 1910-1964

Principal scientific works of I. F. Flis. Trudy LITTSBP no. 10. 8-11 '65.

BIBLIOGRAPHY—GENETICS

Bibliography. Genetika no. 1. 173-186. Ja '66.

Bibliography of foreign literature on genetics. Genetika no. 2. 161-174 '66.

New books. Genetika no. 1. 186-187. Ja '66.

BIBLIOGRAPHY—GERMANY, EAST

[New literature on the German Democratic Republic] Nov. knigi po Ger. Dem. Resp. no. 2 '66.

BIBLIOGRAPHY—HISTORY

Foreign reviews of Soviet historical studies. Vop. ist. 41 no. 3. 196-198. Mi '66.

Historical articles in periodicals published in socialist countries. Vop. ist. 41 no. 3. 186-187. Mi '66.

Historical articles in periodicals published in the people's democracies. Vop. ist. 41 no. 4. 190-191. Ap '66.

Historical articles published in Soviet periodicals. Vop. ist. 41 no. 3. 163-165. Mi '66.

Historical articles published in Soviet periodicals. Vop. ist. 41 no. 4. 144-148. Ap '66.

New books. Vop. ist. 41 no. 3. 160-163. Mi '66.

New books. Vop. ist. 41 no. 4. 142-144. Ap '66.

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za iul. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 9 no. 3. Mi '66.

[New foreign literature on history, archaeology, and ethnography] Nov. knigi po ist., arkheol. i etn. nos. 1-2 '66.

[New Soviet literature on history, archaeology, and ethnography] Nov. knigi po ist., arkheol. i etn. nos. 1-2 '66.

BIBLIOGRAPHY—HUNGARY

[New literature on Hungary] Nov. knigi po Veng. nos. 1-3 '66.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology and hydrology in 1965.

Meteor. i gidrol. no. 3. 59-62. Mi '66.

Literature on meteorology and hydrology for 1965. Meteor. i gidrol. no. 4. 60-63. Ap '66.

BIBLIOGRAPHY—INDUSTRIES, LOCATION OF

Amemlia nauk SSSR. [Bibliography on the problems of the distribution and regionalization of the industry of the U. S. S. R., 1958-1964] Bibliografiia po voprosam razmeshcheniia i regionalizatsii promyshlennosti SSSR (1958-1964). Moskva, Nauka, 1966. 258 p.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za iul. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 9 no. 3. Mi '66.

BIBLIOGRAPHY—KAMCHATKA—GEOGRAPHY

Geograficheskoe obshchestvo SSSR. Kamchatskii otdel. [Brief index to the literature on the history and geography of Kamchatka] Kratkii ukazatel' literatury po istorii i geografii Kamchatki. Petropavlovsk-Kamchatskii, 1965. 19 p. (Navarechiu 225-letiiu Petropavlovsk-Kamchatskogo)

BIBLIOGRAPHY—KAMCHATKA—HISTORY

Geograficheskoe obshchestvo SSSR. Kamchatskii otdel. [Brief index to the literature on the history and geography of Kamchatka] Kratkii ukazatel' literatury po istorii i geografii Kamchatki. Petropavlovsk-Kamchatskii, 1965. 19 p. (Navarechiu 225-letiiu Petropavlovsk-Kamchatskogo)

BIBLIOGRAPHY—KAZAKHSTAN—HISTORY

Themes of the dissertations for the degree of Candidate in Historical Sciences devoted to the 'History of the Communist Party of Kazakhstan' and defended in 1946-1963. Vop. ist. KP Kazakh. no. 2. 301-309 '64.

BIBLIOGRAPHY—KISELEV, SERGEI VLADIMIROVICH, 1906-1962

A list of S. V. Kislov's published works. Mat. i issl. po arkheol. SSSR no. 130. 13-15 '65.

BIBLIOGRAPHY—LABOR ECONOMICS

Moscow. Nauchno-issledovatel'skii institut truda. Nauchnaya biblioteka. [Labor and wages, a bibliographic list of literature published in the U.S.S.R. in Russian in 1962]. Trud i zarabotnaya plata, bibliograficheski ukazatel' literatury, izdannyi v SSSR na russkom yazyke v 1962 g. Moskva, 1965. 489 p.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

[New foreign literature on linguistics] Nov. inostr. lit. po iaz., nos. 1-2 '66.
[New Soviet literature on linguistics] Nov. sov. lit. po iaz., nos. 1-2 '66

BIBLIOGRAPHY—LAW

New legal literature, December 1965-January 1966. Sov. gos. i pravo 36 no. 1:154-157 Ap '66
New legal literature in the U.S.S.R. Sov. gos. i pravo 36 no. 3:152-155 Mr '66.

Recent legal literature of the U.S.S.R., May-June 1969. Sov. gos. i pravo no. 9:137-143 S '69.

BIBLIOGRAPHY—LITERATURE

[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit. i isk. nar. SSSR i zaub. stran. no. 1 '65.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature] Nov. inostr. lit. po lit. nos. 2-3 '66.
[New Soviet literature on the study of literature] Nov. sov. lit. po lit. no. 2 '66.

BIBLIOGRAPHY—MEDICAL PARASITOLOGY

Soviet literature on problems in medical parasitology and parasitic diseases for 1965. N.N. Dukhanina. Med. parazit. i parazit. bol. 35 no. 2:239-248 Mr-Apr '66.

BIBLIOGRAPHY—MEDICINE

[New foreign books, Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V. Biol., med., sel'. khoz. 10 no. 3 Mr '66.

BIBLIOGRAPHY—MESHCHERSKII, NIKITA ALEKSANDROVICH, 1906-

N. A. Meshcherskii, on his 60th birthday. I. U. K. Begunov. Vest. LGU 21 no. 2:150-162 '66

BIBLIOGRAPHY—METALS—HEAT TREATMENT

Moscow. Gosudarstvennaya publikhnaya nauchno-tekhnicheskaya biblioteka SSSR. [Progressive methods for the heat treatment of metals, a bibliography] Progressivnye metody termicheskoi obrabotki metallov; bibliograficheski ukazatel'. Moskva, 1955. 57 p. [Aktual'nye problemy tekhniki] [MICROFILM]

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology and hydrology in 1965. Meteor. i gidrol. no. 3:59-52 Mr '66.
Literature on meteorology and hydrology for 1965. Meteor. i gidrol. no. 4:59-63 Ap '66.

BIBLIOGRAPHY—MIKHAILOV, MIKHAIL SEMENOVICH, 1899-

Bibliography of the basic scholarly works by Professor M. S. Mikhailov. Nar. Az. i Afr. no. 2:230 '66.

BIBLIOGRAPHY—PETROLEUM

"Azerbaijan" books for 1966. I. Kamenkovich. Neftianik 11 no. 2:37-38 F '66.

BIBLIOGRAPHY—PHILOSOPHY

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 9 no. 3 Mr '66.
[New foreign literature on philosophy] Nov. inostr. lit. po filos. nos. 2-3 '66.
[New Soviet literature on philosophy] Nov. sov. lit. po filos. nos. 2-3 '66.

BIBLIOGRAPHY—POLAND

[New literature on Poland] Nov. lit. po Pol., no. 2 '66.

BIBLIOGRAPHY—POWER ENGINEERING

Contents of the periodical "Toplenergetika" for 1965. Toplenergetika 12 no. 12:91-95 D '65.

BIBLIOGRAPHY—PSYCHIATRY

Index of books on neuropathology, psychiatry and related disciplines received in the State Central Scientific Medical Library in November 1965. E. A. Akhutin. Zhur. nevrol. i psikh. 65 no. 3:471-472 '66.

BIBLIOGRAPHY—RADIATION

Bibliography. Trudy Lab. elektromag. pol. rad. AN SSSR no. 2:164-170 '64.

BIBLIOGRAPHY—RADIO

Aiding radio amateurs. F. Gudin. Radio no. 2:16 F '66.
New books. Radiotekhnika 21 no. 3:3 of cover: Ad '66.

BIBLIOGRAPHY—RELIGION

[New Soviet and foreign literature on the problems of atheism and religion] Nov. sov. i inostr. lit. po vop. ateiz. i rel. nos. 2-3 '66

BIBLIOGRAPHY—RUDAKI, 10th CENT.

Tajman, R. O., and Abdulodzhon Unusov. [Rudaki, a bibliography] Rudaki; ukazatel' literatury. Ot. red. A. M. Muzoev. Dushanbe, M.-vo kultury Tadjikskoi SSR, 1965. 217 p.

BIBLIOGRAPHY—ROMANIA

[New literature on Romania] Nov. lit. po Rum. no. 2 '66.

BIBLIOGRAPHY—RUSSIA—ECONOMIC CONDITIONS

Moscow. Publichnaya biblioteka. Oldoi spravochno-bibliograficheskoi raboty i nauchno-informatsionnoi bibliografii [Economy of the U.S.S.R., an annotated list of Soviet bibliographies published in 1917-1964] Ekonomika SSSR, annotirovannyi perechen' otechestvennykh bibliografii, opublikovannykh v 1917-1964 gg. Moskva, Kniga, 1965. 158 p.

BIBLIOGRAPHY—RUSSIA—HISTORY

New literature on the history of the U.S.S.R. Ist. SSSR 10 no. 2:150-162 Mr-Apr '66

BIBLIOGRAPHY—RUSSIA—LITERATURES

Moscow. Publichnaya biblioteka. [Literary classics of the peoples of the U.S.S.R. (the pre-October period); a recommended index of the literature to assist youth in self-instruction] Klassiki khudozhestvennoi literatury narodov SSSR (dooktobr'skii period), rekomendatsii knizhnykh ukazatel' literatury v pomoshch' samobrazovaniu molodezhi. Moskva [Kniga] 1965. 289 p.

BIBLIOGRAPHY—RUSSIAN LITERATURE

Brief book reviews. Oktabr' 42 no. 3:219-224 Mr '66.
Brief book reviews. Oktabr' 12 no. 1:217-224 Ap '66.

BIBLIOGRAPHY—SCIENCE

[New foreign books, Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology, physical geography] Nov. knigi za rub. Ser. A 19 no. 3 Mr '66.

BIBLIOGRAPHY—SLAVIC STUDIES

The most significant articles and materials on the present-day situation, history, culture, and languages of the Slavic peoples in foreign countries published in Soviet periodicals in 1965 (continuation). Sov. slav. no. 2:107-108 '66.

Russo-Czech contacts in the field of bibliography in the early 20th century. A. N. Gorlanov. Trudy Gos. bibl. SSSR 9:155-178 '66.

Slavic studies published in foreign periodicals. Sov. slav. no. 2:109-111 '66.

BIBLIOGRAPHY—SOILS

Bibliography. Pochvovedenie no. 3:117-126 Mr '66.

BIBLIOGRAPHY—TECHNOLOGY

[New foreign books, Series B: Technology] Nov. knigi za rub. Ser. B: Tekh. 10 no. 3 Mr '66.

BIBLIOGRAPHY—TOMSK UNIVERSITY

Tomsk. Universitet. Nauchnaya biblioteka. [Works of scholars published by Tomsk University for the past 70 years, 1899-1958, classified index to the periodical issues and collections of the Tomsk State University] Trudy uchenykh v izdaniakh Tomskogo universiteta za 70 let, 1899-1958, sistematicheski ukazatel' k periodicheskim izdaniyam i sbornikam TGU, Tomsk, 1962. 204 p. (MF)

BIBLIOGRAPHY—UKRAINE

[New books of the Ukrainian S.S.R.] Novi knyhy URSR nos. 2-7 Ja-Mr '66.

BIBLIOGRAPHY—UKRAINE—BOTANY

Literature on the flora and vegetation of the Ukrainian S.S.R. published in 1962. A. L. Barbarych. Ukr. bot. zhur. 22 no. 1:88-109 '65.

BIBLIOGRAPHY—UKRAINE—HISTORY

A bibliography of bibliographies on the history of the Ukrainian S.S.R., 1960-1965 (continuation). Ukr. ist. zhur. 10 no. 3:155-159 Mr '66.
A bibliography of bibliographies on the history of the Ukrainian S.S.R., 1960-1965 (to be continued). Ukr. ist. zhur. 10 no. 2:156-159 F '66.

BIBLIOGRAPHY—UKRAINE—WORLD WAR, 1939-1945

The Communist Party of the Ukraine during the Great Patriotic War, 1941-1945; publications recommended by the editorial staff of our periodical. Ukr. ist. zhur. 10 no. 2:61-63 F '66.

Soviet literature on the liberation of the Ukraine from the occupation forces of German fascists. O. V. Moiselev. Ukr. ist. zhur. 10 no. 1:138-143 Ja '66.

BIBLIOGRAPHY—UKRAINIAN LITERATURE

Criticism and literary studies at the "Dnipro" Publishing House. M. Puziak. Rad. lit. 10 no. 2:86 F '66.
Prospective plan for the publishing house "Naukova dumka" in 1966. V. Cherka's'kyi. Rad. lit. 10 no. 1:94-95 Ja '66.

BIBLIOGRAPHY—VOCATIONAL EDUCATION

Publishing house "Vyshcha shkola" in 1966. I. M. Orlov, V. P. Babikova. Sied. spets. obz. 13 no. 2:53-55 F '66.

BIBLIOGRAPHY—WAGES

Moscow. Nauchno-issledovatel'skii institut truda. Nauchnaya biblioteka. [Labor and wages, a bibliographic list of literature published in the U.S.S.R. in Russian in 1962]. Trud i zarabotnaya plata, bibliograficheski ukazatel' literatury, izdannyi v SSSR na russkom yazyke v 1962 g. Moskva, 1965. 489 p.

BIBLIOGRAPHY—YUGOSLAVIA

[New literature on Yugoslavia] Nov. lit. po IUG. nos. 1-2 '66.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

[Library and bibliographical information] Bibliot. -bibl. inform. nos. 2-4 '65.

BICILLIN

Regularity of seasonal prophylaxis of relapses of rheumatic fever by the use of bicillin and antirheumatics. A. I. Bolotina. Sov. med. 20 no. 1:78-80 Ja '66.

BICILLIN—THERAPEUTIC USE

Problems of compound preventive treatment of rheumatic fever with bicillin and antirheumatic agents. I. N. Gordin. Sov. med. 27 no. 5:91-97 My '64.

BIG BUSINESS see subdivision under United States

BILIN VALLEY (MARITIME TERRITORY)—GOLDS

With the Golds and Udekhas of the Bilin River Basin. I. U. A. Som, L. I. Som, Zap. Primor. fil. Geog. ob-va SSSR no. 1:59-66 '65.

BILIN VALLEY (MARITIME TERRITORY)—UDEKHE

With the Golds and Udekhas of the Bilin River basin. I. U. A. Som, L. I. Som, Zap. Primor. fil. Geog. ob-va SSSR no. 1:59-66 '65.

BILE

Effect of tetramethylthiuramdisulfide (thiourea) and diphanylguanidine on bile secretion of the liver. I. U. A. Burlov. Farin i toks. 27 no. 6:714-716 N-D '64.

BILE—MICROBIOLOGY

Microflora of the bile and the determination of its sensitivity to antibiotics in treating chronic cholecystitis and cholangitis. A. A. Zelnalov. Azerb. med. zhur. 41 no. 12:19-25 D '64.

BILE DUCTS—DISEASES

Comparative evaluation of portal blood flow rate in liver and bile diseases. Sh. I. Gugeshashvili, G. M. Melodina-shvili. Soob. AN Gruz SSR 41 no. 1:231-236 Ja '66.

BILIARY CALCULI see Calculi, Biliary

BILIARY TRACT—DISEASES

Biliary peritonitis. A. G. Ostrovskii. Sbor. nauch. rab. vrachei Kar. ASSR no. 1:101-105 '62.

Classification of diseases of the biliary tract in children. M. I. A. Studenkin. Sov. med. 29 no. 2:144-145 F '69.

Microflora of the bile and the determination of its sensitivity to antibiotics in treating chronic cholecystitis and cholangitis. A. A. Zelnalov. Azerb. med. zhur. 41 no. 12:19-25 D '64.

BILOKIN', NADIA AVRAMIVNA, 1893-

Statyva, O. F. [Nadia Bilokin', master of decorative painting] Master dekorativnoho rozpyasu Nadia Bilokin'. Kyiv, Mystatstvo, 1960. 11 p., 20 plates. (Masteri narodnoi tvorchosti)

BILYK, HAVRYLO IVANOVYCH, 1904-

Havrylo Ivanovych Bilyk. M. I. Kotov. Ukr. bot. zhur. 22 no. 1:91-93 '65.

BINAGADY-KIURDALAN OIL FIELD—RADIOACTIVE PROSPECTING

Radiometric anomalies in a section of the Binagady-Kiurdalan oil field. T. A. Zolotovskaya. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 5:80-87 '65.

BINDING ENERGY

Binding energy and trans-effect in platinum complex compounds. V. A. Palkin, N. N. Kuz'mina, I. I. Chernaev. Zhur. neorg. khim. 10 no. 10:2220-2220 O '65.

BITUMEN—GEOLOGY

(see also subdivision under Daldyn Valley, Yakutia, Maritime Territory, Uzbekistan)

Moscow Vsesoiuznyi nauchno-issledovatel'skiy geologo-razvedochnyy nefteforniy institut [Handbook on the methodology of the luminescence study of bitumens] *Rukovodstvo po metodike luminescentno-bitumologicheskikh issledovaniy* Pod red. T. E. Pratanovoi, A. A. Pliudilov, N. Florovskoi. Leningrad, Nauka, 1965 111 p.

BITUMINOUS MATERIALS

Kinetics of the swelling of bituminous mastics. A. A. Emkov. *Tranpzhikhen nefli i nefteprod.* no. 16-18 '65.

BITUMINOUS PAVEMENTS see Pavements, Bituminous

BLACK BODY RADIATION

Theory of mini-cavities in the reproduction of a black body. G. K. Khlopov. *Svetotekhnika* 12 no. 3, 10-23 '65.

BLACK SEA—ALGAE

Utilization of Black Sea Phytoplankton for the production of feeds. A. N. Holovin, N. M. Bafdyr, M. O. Ilyashyn, Khark. prom. no. 124-29 Ja-F '65.

BLACK SEA—ANCHOVIES

Some data on the development of the sclerosensory organ system in Black Sea anchovies. P. A. Vinnikova. *Gidrobiol. zhur.* 2 no. 136-58 '65.

BLACK SEA—COPEPODA

Survival of some pelagic copepods of the Black and Mediterranean Seas in waters of different salinity. A. V. Kovalov. *Gidrobiol. zhur.* 2 no. 133-48 '65.

BLACK SEA—FISHES

"Blackish" nature of the northwestern part of the Black Sea and its fish population. F. S. Zambirborshch. *Gidrobiol. zhur.* 2 no. 111-17 '65.

BLACK SEA—GARPIKES

Biology and catch of the Black Sea garpike. T. M. A. Gid. Ryb. khoz. 40 no. 8, 12-14 '64.

BLACK SEA—GRAY MULLET

Conservation of immature Black Sea mullet. M. I. Savchuk. *Ryb. khoz.* 42 no. 2, 10-11 '65.

BLACK SEA—HYDROFOIL BOATS

The guaranteed service length of the engines of the "Kornela-2" has been exceeded. V. Udod, G. Kinkeralta. *Mor. flot* 26 no. 3, 29 Mr '65.

BLACK SEA—MERCHANT MARINE—PASSENGER TRAFFIC

Results of in situ studies of passenger traffic on the Crimean-Caucasus Line. V. I. Sukhotskiy, N. I. Savin. *Ekon. i ekspl. mor. transp.* no. 256-62 '65.

BLACK SEA—MUSSELS

Preserving live mussels in temperatures above the freezing point. N. F. Mostalenko. *Ryb. khoz.* 42 no. 2, 73-76 '65.

BLACK SEA—OCEAN BOTTOM

Geotectonic characteristics of the northwestern part of the Black Sea in the Middle and Upper Miocene and Pliocene based on geophysical data. A. V. Chokunov, L. I. Riba-chun. *Geofiz. sbor.* no. 3, 12-23 '65.

BLACK SEA—OCEANOGRAPHIC RESEARCH

First oceanographic expedition to the Black Sea; on the 75th anniversary of its completion. V. V. Khlopov. *Izv. Vses. geog. ob-va* 98 no. 1, 72-73 Ja-F '65.

BLACK SEA—SALINITY

"Blackish" nature of the northwestern part of the Black Sea and its fish population. F. S. Zambirborshch. *Gidrobiol. zhur.* 2 no. 111-17 '65.

BLACK SEA—SUBMARINE GEOLOGY

From the distant past, origin of the Black Sea and the Crimea. S. A. Kovalevskii. *Priroda* 55 no. 3, 108-113 '65.

Structure of the earth's crust in the eastern part of the Black Sea according to data of depth seismic sounding. I. U. P. Neprochnov and others. *Okeanologiya* 6 no. 1, 98-109 '65.

BLACK SEA—WINDS

Formation of the wind profile in the surface boundary layer over the surface of the sea. O. A. Kuznetsov. *Trudy Inst. okean.* 78, 179-191 '65.

BLACK SEA DEPRESSION—FAULTS (GEOLOGY)

Bratsk-Petropavlov zone of basement faults in the Black Sea Depression. I. U. H. Ermakov, B. T. Osadchyi. *Geol. zhur.* 25 no. 6, 101-102 '65.

BLACK SEA DEPRESSION—GEOLOGY

Black Sea Depression in the Cretaceous, Paleogene, and Neogene. N. I. Cherniak. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 2, 78-82 '65.

BLACK SEA DEPRESSION—GEOLOGY, STRATIGRAPHIC

Northern boundary of the distribution of the Lower Cretaceous sediments in the northwestern part of the Black Sea Depression. I. U. H. Ermakov, B. T. Osadchyi, V. P. Rybakov. *Geol. zhur.* 25 no. 1, 102-103 '65.

BLACK SEA ECONOMIC REGION—ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Gindis, A. P., and V. S. Debrer. [Ultrasonics in working] *Rabotat ultrazvuk.* [Odessa] Odesskoe kulzhimpe izd-vo, 1965 27 p. [MICROFILM]

BLACK SEA REGION—FAULTS (GEOLOGY)

Ancient Paleozoic faults in the southern Russian Platform and their extension in the northern Black Sea region. A. V. Chukunov, I. A. Gaidukenko, G. T. Kharchenko. *Geofiz. sbor.* no. 3, 21-31 '65.

Zones of principal deep faults in the Black Sea and Azov Sea region. F. S. Lobachev. *Geofiz. sbor.* no. 3, 3-11 '65.

BLACK SEA REGION—FISHERIES

Summing up the work in the fishing industry of the Azov-Black Sea basin. I. F. Denisov. *Ryb. khoz.* 40 no. 8, 6-8 '64.

BLACK SEA REGION—FISHERIES—ECONOMIC ASPECTS

Basis for increased profits in fishing collectives of the Azov-Black Sea basin. G. Cherniavskii. *Ryb. khoz.* 42 no. 2, 83-86 '65.

BLACK SEA REGION—MAN, PREHISTORIC

Contacts between the northern Black Sea region and the Balkan Peninsula in the early Bronze Age. N. I. Morpert. *Krat. soob. Inst. arkh.* no. 105-10-20 '65.

BLACK SEA REGION—OSTRACODA

Leptocythere (Crustacea, Ostracoda) of the Azov-Black Sea basin. P. I. Shornikov. *Zool. zhur.* 45 no. 1, 32-49 '65.

BLACK SEA REGION—POTTERY, GREEK

Medieval pottery of the northern Black Sea region. A. I. A. Kobson. *Sov. arkh.* 10 no. 2, 189-202 '65.

BLACK SEA REGION—SCULPTURE, ANCIENT

New monuments of Sardinian sculpture. N. I. Sokol'skiy. *Krat. soob. Inst. arkh.* no. 100, 85-98 '65.

BLACK SEA REGION—VIEWS

[Black Sea coast of the Caucasus] *Chetnomorskoe poberezh'e Kavkaza*. Moskva, Logiz, 1963 75 plates [Parallel texts in 5 languages]

BLACK SEA REGION—WATER, UNDERGROUND

Exploitation resources and prospects of the utilization of fresh underground waters in the Black Sea artesian basin. M. I. Dzhokhod, I. U. H. Holovenchenko. *Geol. zhur.* 25 no. 6, 24-32 '65.

BLADDER

Electron microscopic study of the effect of pituitrin on the urinary bladder in frog. V. I. Mashanski, L. N. Vinnichenko, I. U. V. Natuehin. *TSitologiya* 8 no. 1, 23-29 Ja-F '65.

BLADDER—CANCER

Treatment of tumors of the urinary bladder with gossypol and ionol combined with surgical intervention. L. S. Erukhimov. *Vop. onk.* 12 no. 2, 29-34 '65.

BLADDER—INNERVATION

Effect of the anterior limbic cortex on the contractile function of the urinary bladder in cat. M. I. Talan. *Dokl. AN SSSR* 166 no. 5, 1240-1251 F '65.

Effect of the excitation of urinary bladder receptors on the utilization of blood sugar by kidney tissues. A. I. Karayev, M. I. Safarov. *Izv. AN Azerb. SSR, Ser. biol. nauk* no. 5, 97-101 '65.

Role of non-ocular elements of the urinary bladder in the regeneration of its function. F. B. Khelman. *Dokl. AN BSSR* 10 no. 2, 131-134 F '65.

BLADDER—RADIOGRAPHY

Importance of pneumocystotomography in the diagnosis of tumors of the urinary bladder. N. A. Berman, L. M. Rabkova. *Vop. onk.* 12 no. 3, 82-87 '65.

BLADDER—SURGERY

Treatment of tumors of the urinary bladder with gossypol and ionol combined with surgical intervention. L. S. Erukhimov. *Vop. onk.* 12 no. 2, 29-34 '65.

BLADDER—TUMORS

Importance of pneumocystotomography in the diagnosis of tumors of the urinary bladder. N. A. Berman, L. M. Rabkova. *Vop. onk.* 12 no. 3, 82-87 '65.

BLADDER—WORM see Hydatids

BLAST FURNACES

Analysis of transient processes and rates of temperature changes along the height of a blast furnace. V. D. Suchkov, B. I. Kitaev. *Izv. vys. ucheb. zav.; Chern. met.* 8 no. 2, 41-47 '65.

Characteristics of heat processes in vanadium cast-iron smelting. V. I. Gladyshev, V. V. Krut'ukov. *Metallurgiya* 11 no. 2, 7-9 F '65.

Distribution of temperatures along the radius of the hearth of a blast furnace during the blowing-in of natural gas. G. A. Paney and others. *Stal'* 26 no. 3, 200-205 Mr '65.

Drying and firing blast furnace ash picheaters. G. B. Borovik and others. *Metallurgiya* 11 no. 2, 10-11 F '65.

A new system of automating the blast furnace process. G. V. Gukenko, M. S. Levin. *Metallurgiya* 11 no. 3, 8-10 Mr '65.

Optimum intensity of smelting and gas distribution. A. N. Cherniatin and others. *Metallurgiya* 11 no. 2, 3-7 F '65.

Problem of the quality of open-hearth pig iron. V. I. Pokryshev, P. G. Netsky, G. B. Rudinovich. *Stal'* 26 no. 2, 110-112 F '65.

Production of low-sulfur converter pig iron. A. V. Zherdev and others. *Metallurgiya* 11 no. 3, 3-7 Mr '65.

Use of Bakal siderites and their preparation for blast furnace smelting. A. G. Zhurav, N. S. Shumakov, L. N. Bratchenko. *Stal'* 26 no. 3, 197-199 Mr '65.

BLAST FURNACES—COOLING

Evaporation cooling of heavy-duty blast furnaces. B. N. Zhelebin and others. *Stal'* 26 no. 3, 205-209 Mr '65.

BLAST FURNACES—COST OF OPERATION

Economic efficiency of increased pressure under the top in blast furnaces. L. A. Sahin-Gur, I. S. Kagan, V. S. Chernikhov. *Stal'* 26 no. 3, 210 Mr '65.

BLAST FURNACES—DESIGN AND CONSTRUCTION

Two-walled combination small ball hopper of blast furnace. V. G. Seviluk. *Stal'* 26 no. 3, 212 Mr '65.

BLAST FURNACES—EQUIPMENT AND SUPPLIES

Equipment for the granulation of top blast furnace slag. N. G. Makhanev. *Stal'* 26 no. 3, 211 Mr '65.

Methods of establishing standards for the raw materials used in blast furnace smelting. I. A. Medvedev, A. A. Spasov, R. S. Samoilovich. *Izv. vys. ucheb. zav.; Chern. met.* 8 no. 3, 33-36 '65.

Studying the technical parameters of producing metallized iron-nickel nodules. A. N. Spokov, A. N. Pokhlyanov, L. N. Iarkho. *Izv. AN SSSR, Met.* no. 1, 3-17 Ja-F '65.

Thyres nozzles. A. M. Rubstov and others. *Metallurgiya* 11 no. 3, 11-13 Mr '65.

BLAST FURNACES—FUEL CONSUMPTION

Intensiveness of smelting and the relative coke consumption in various capacity blast furnaces. M. I. A. Ostrokhov. *Izv. vys. ucheb. zav.; Chern. met.* 8 no. 2, 31-40 '65.

BLAST FURNACES—MAINTENANCE AND REPAIR

Skulling phenomena of blast furnace hearths, and their prevention. V. I. Litvinenko, M. I. Lavrent'ev, A. A. Berdnik. *Stal'* 26 no. 2, 113-116 F '65.

BLAST FURNACES—MODELS

Investigating the disintegration of a blast furnace hearth bottom. Report No. 3. G. P. Ivanov, I. A. D. Vorbitskiy. *Izv. vys. ucheb. zav.; Chern. met.* 8 no. 3, 27-32 '65.

BLASTING

Causes of detonation failures in blasting operations. A. I. Potapov, I. N. Usik. *Geol. zhur.* no. 3, 30-41 Mr '65.

Effect of the blast on the rock massif. G. V. Kuznetsov and others. *Izv. vys. ucheb. zav.; Geol. zhur.* 5 no. 1, 65-74 '62.

Experience in reducing the intensity of air shock wave in underground workings. N. G. Volchenko, A. O. Zhuravlev. *Geol. zhur.* no. 3, 37-39 Mr '65.

Induced block caving by ore breaking with deep boreholes drilled through untouched ore blocks. G. M. Bulanov. *Geol. zhur.* no. 3, 25-30 Mr '65.

Method of wetting springing boreholes in underground blasting for the prevention of outbursts during seam opening. V. D. Mitin, A. F. Shreider. *Shakht. strof.* 10 no. 3, 10-10 Mr '65.

Selecting the parameters of blasting and boring operations in a mining system without transportation, using walking excavators. N. I. Ropin, M. I. Potapov, G. T. Fozalov. *Ugol* 41 no. 3, 21-23 Mr '65.

Smooth Blasting in hydraulic tunneling. V. M. Mostkov, P. D. Stepanov, V. I. Kokorev. *Engr. geol.* no. 4, 29-33 '64.

Study of breaks in a massive rock resulting from blasting carried by water filling into boreholes. V. K. Rubtsov. *Gid. strof.* 35 no. 2, 33-34 F '65.

Vibrations of the Starry Krym concrete dam caused by quarry blasting. I. A. I. Tsitsin, V. V. Krut'ukov. *Gid. strof.* 36 no. 1, 37-39 Ja '65.

BLASTING—CONGRESSES

The All-Union scientific-technical conference on technological progress in the field of blasting operations. E. O. Mindel, L. M. Feigin. *Shakht. strof.* 10 no. 2, 28-31 F '65.

BLASTING—EQUIPMENT AND SUPPLIES

Using the PZK pneumatically charged columns. V. I. Emel'ev, M. V. Burnatsev. *Dokl. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 19 no. 1: 6-9 Ja '66

BLASTING—SAFETY MEASURES

Calculation of chamber ventilation with inough currents. A. I. Kabanovskii, I. I. Medvedev. *Gos. zhur.* no. 3: 69-70 Ah '66.

BLEACHING

Mechanism of stabilization of hydrogen peroxide by sodium silicate in the process of bleaching. L. Kh. Ruskina, L. I. Sadov, G. A. Bogdanov. *Zhurnal khim.* 19 no. 2: 227-233 F '66

Oxidation of cellulose glucose monomers by chlorine or hypochlorous acid in water solutions at 25°C temperature. I. I. Fil's, T. A. Tumanova, N. V. Pldorenko. *Trudy LITTSBP* no. 16:56-61 '65.

Oxidation of cellulose glucose monomers with chlorine dioxide at various temperatures. I. E. Fil's and others. *Trudy LITTSBP* no. 16:62-67 '65.

Peroxiide bleaching of cotton sewing thread on bobblins. L. N. Golovanov. *Tekstil. prom.* 26 no. 3:80-81 Mr '66.

Thermodynamics, kinetics and mechanism of the processes taking place in the bleaching solutions of chlorine dioxide. I. E. Fil's, K. P. Mikhchenko. *Trudy LITTSBP* no. 16:21-30 '65.

Transformation of tannalite in the process of acidic bleaching. S. A. Gvozdevskaya and others. *Gos. zhurnal. no. 9:1139-1139 S '65.*

BLUMMER, LEONID PETROVICH, 1840-1888

I. S. Tsugonev, N. V. Shelgunov, and L. P. Blummer. Ideological characteristics of Potugli, the hero of novel "Smoke." A. D. Muratov. *Vest. LGU* 19 no. 20: 67-76 '64.

BLOCKADE see subdivision under Rhodesia

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921

Aleksandr Blok and Bulgarian literature. Ekaterina Daskalova. *Sov. slav. no. 2:11-20 '66.*

BLOOD

Ultra violet fluorescence of frog blood cells after cooling. I. E. Brumberg. *Biofizika* 9 no. 3:382-363 '61.

BLOOD—ANALYSIS AND CHEMISTRY

Activity of copper oxidase in the blood and cerebrospinal fluid of patients with syphilitic lesion of the central nervous system. N. I. Tumanova, A. M. Borisenko. *Zhurnal nevro. i psikh.* 66 no. 3:391-393 '66

Biochemical study of protein and carbohydrate complexes in the serum of patients with acrolosis. A. I. Kaz'min, R. V. Murav'ev. *Ortop., travm. i protez.* 27 no. 2: 55-60 F '66.

Blood glutamine in narcolepsy patients. A. IU. Makarov, I. A. Sachkova. *Trudy LIEIIN* no. 18:111-116 '65.

Changes in the hemolytic resistance of erythrocytes and peroxidase activity of the blood in acute intoxication with some organic peroxidases. O. I. Smilnova. *Farm. i toks.* 29 no. 1:96-98 Ja-F '66.

A complex periodic nature of changes in the concentration of various blood substances. S. F. Sholov, V. I. Greshina. *Biofizika* 9 no. 3:376-381 '64.

Content of sodium and potassium ions in the erythrocytes and in urine in patients with cardiac asthma estimated by flame photometry. F. D. Mamedova. *Azerb. med. zhur.* 17 no. 2:10-15 I '66.

Correlation of the polarographic activity of Bideka's filtrate and the content of sulfhydryl groups in blood serum. I. M. Vorontsov. *Vop. med. khim.* 12 no. 1: 10-23 Ja-F '66

Determination of glutamic-aspartic and glutamic-alanine transaminases in blood serum. P. M. Dabaikin. *Lab. delo* no. 3:142-143 '66.

Determination of the concentration of antibacterial preparations in the blood in intravenous therapy of tuberculosis. M. N. Nomsadze, V. T. Kozlenko. *Probl. tub.* no. 3:66-71 '65.

Effect of adrenocorticotrophic hormone on fibrinolysis, content of heparin, and on the antithrombin activity of the blood in rabbits. R. D. Seifulla. *Farm. i toks.* 29 no. 1:83-88 Ja-F '66.

Effect of hyper- and hypothyroidism on the content of 17-hydroxycorticosteroids in the urine and blood. I. P. Malova'ska. *Fiziol. zhur. [Ukr.]* 12 no. 1:64-66 Ja-F '66.

Effect of prolonged action of the radioactive factor on the state of the blood system and some biochemical indicators in workers of the petroleum industry and scientific research institutes. F. A. Efendiev and others. *Azerb. med. zhur.* 41 no. 12:3-8 D '64.

Effect of triparanol on the cholesterol level in the blood of experimental animals. N. V. Eroshina, E. S. Simonova, L. I. Ghebennik. *Farm. i toks.* 27 no. 6:700-712 N-D '61.

Effect of water deficiency on functional changes in the blood during digestion. V. S. Mironov. *Fiziol. zhur.* 52 no. 3:282-285 Mr '66.

Erythrocyte count using the FEK-M apparatus. M. I. Rozental'. *Lab. delo* no. 3:170 '66.

Estimation of molecular weights of blood plasma components with insolubility activity. L. V. Dmitriyenko, L. I. Lichman, F. I. Vinokurov. *Vop. med. khim.* 12 no. 1:98-102 Ja-F '66.

Excretion of 17-ketosteroids and the content of mineral substances in the blood in experimental rickets. I. M. Guseinova. *Azerb. med. zhur.* 13 no. 3:10-13 Mr '66

Method for multiple obtention of blood from the portal vein. N. Sh. Amilov. *Fiziol. zhur.* 52 no. 3:312-313 Mr '66.

Methodology for the determination of blood serum serumum-cold. A. I. Kirmanov. *Lab. delo* no. 3:137-140 '66

Methodology of quantitative determination of sulfhydryl groups the ough amperometric titration. F. G. Murza-kayev. *Lab. delo* no. 3:118-152 '66.

Micromethod for obtaining leucocyte concentrates. I. I. Treshina. *Lab. delo* no. 3:169-170 '66.

Pyrimidinucleoside phosphorylase in the cells of human blood under normal conditions and in leukemia. L. S. Luganova, I. I. Gerts. *Vop. med. khim.* 12 no. 1:72-78 Ja-F '66.

Significance of the leucocyte blood reaction in medical experience of the capacity for work in lumbar radiculitis. IU. G. Savid. *Trudy LIEIIN* no. 18:110-148 '65

Some biochemical indices of the blood exposed to centimeter waves. N. K. Blatko, M. N. Sachkova. *Trudy Lab. elektromag. pol. rad. AMN SSSR* no. 2:137-139 '64

Some biochemical indices of the blood in protracted pregnancy. R. N. Guseinov, F. G. Mamedov. *Azerb. med. zhur.* 12 no. 11:3-7 N '65

System of neutrophils in bone marrow and blood. N. A. Shumlov. *Sov. med.* 29 no. 2:3-5 F '66.

Varia tions in the corticosteroid content of blood of irradiated rats. G. V. Chilton elidze. *Soob. AN Gruz. SSR* 41 no. 1:83-87 Ja '66

BLOOD—CIRCULATION

Akademiia nauk URSS, Kiev. [Adaptive characteristics of the circulatory and other organic systems in mammals and birds] Adaptivnye osobennosti krovoobrazovaniya i drugih sistem organov u mlekopitatel'skikh i ptits. Kiev, Naukova dumka, 1965. 128 p. (Respublikanskiy mezhvedomstvennyy sbornik. Seriya "Problemy zoologii")

Blocking of peripheral adrenergic systems in addition to the regulation of blood circulation. M. D. Mashkovskii. *Vest. AMN SSSR* 21 no. 4:23-37 '66.

Effect of aminazine on regional blood circulation. A. V. Murkova'ska. *Fiziol. zhur. [Ukr.]* 12 no. 1:95-98 Ja-F '66.

Effect of hydrocortisone on hemodynamics and gas exchange. B. G. Kobulilla. *Soob. AN Gruz. SSR* 41 no. 1:215-221 Ja '66.

Hemodynamic changes before and after subtotal pericardectomy in chronic obstructive pericarditis. V. A. Vasil'ev. *Sov. med.* 27 no. 5:35-40 My '61.

Hemodynamic mechanisms of the development and adaptation of the pressor sham-reflex. V. V. Ibratov. *Fiziol. zhur. [Ukr.]* 12 no. 1:66-69 Ja-F '66.

Norms of the duration of phases of the cardiac cycle and the relation with the rhythm and some indices of hemodynamics in dogs. V. S. Sal'manovich, I. L. Kosharskaya. *Fiziol. zhur.* 52 no. 1:37-65 Ja '66.

Regulation mechanisms of regional and zonal blood circulation. M. E. Mashak. *Vest. AMN SSSR* 21 no. 4:37-44 '66.

Role of osteoreception in the regulation of regional blood circulation in experimental and clinical practice. P. Ozolins, G. A. Iankovskii. *Vest. AMN SSSR* 21 no. 4: 40-54 '66

Study of the basic hemodynamic indices by the indicator dilution method. M. I. Huzovych, M. M. Povzhytkov. *Fiziol. zhur. [Ukr.]* 12 no. 1:111-117 Ja-F '66.

BLOOD—CIRCULATION, ARTIFICIAL

Changes in the organisms during experimental regional perfusion in the extremities. A. O. Levin, A. G. Vinogradov. *Eksp. i khir. i anest.* 6:44-50 '65

Comparative evaluation of the isotopic (Cr51), gravimetric, and clinical methods of observation on the volume of the circulating blood in artificial blood circulation. K. M. Shal'man, M. G. Shitikova. *Med. rad.* 11 no. 2:57-62 F '66.

BLOOD—CIRCULATION, DISORDERS OF

Chudnovskii, G. S. [Disorders in the regulation of water-salt equilibrium in circulatory insufficiency] Narusheniye regulatsii vodno-solovogo ravnovesiya pri nedostatochnosti krovoobrazheniya. Novosibirsk, Nauka, 1966. 245 p. (DNIIM)

Vitamin C metabolism in chronic insufficiency of blood circulation. P. M. Lashchuk. *Sov. med.* 29 no. 2:118-121 F '66.

BLOOD—COAGULATION

Blood coagulation and its fibrinolytic activity following insulin. A. M. Illarionov. *Sov. med.* 29 no. 2:76-77 F '66.

Changes in the blood coagulation system in animals with experimental hypertension. ID. V. Andrushchenko, T. Mamasurov. *Fiziol. zhur. [Ukr.]* 12 no. 1:93-95 Ja-F '66.

Changes in the coagulation and anticoagulation system of the blood in myocardial infarct and stenocardia under oropharyngeal treatment. N. P. Chelov. *Sov. med.* 29 no. 2:108-112 I '66.

Coagulating property of the blood in traumatic liver according to data of biochemical and the embolodiagnostics. I. P. Kuchinov. *Sov. med.* 29 no. 2:116-20 F '66

Effect of positive aerolons on blood coagulation in rats. D. D. Olarova. *Vest. LGU* 21 no. 3:152-155 '66

Effect of small doses of X-ray irradiation on the coagulation and anticoagulation system of the blood. M. P. Ryzhev. *Azerb. med. zhur.* 13 no. 1:15-18 Mr '65

Effect of the adrenocorticotrophic hormone on blood coagulation. R. D. Seifulla. *Farm. i toks.* 27 no. 6:706-708 N-D '61

State of the blood coagulation system in obliterative endarteritis. V. F. Chernenko. *Klin. khim.* no. 4: 64-70 '65

BLOOD—COLLECTION AND PRESERVATION

Collection of blood by mobile units of blood transfusion departments of district hospitals. G. A. Shifin. *Sov. med.* 27 no. 5:79-81 My '61.

Plasmapheresis; a review of the literature. O. K. Gavrilov. *Voen.-med. zhur.* no. 2:22-26 F '66

BLOOD—EXAMINATION

State of the peripheral blood of the organism subjected to radio waves with different frequency ranges. V. V. Sokolov, N. A. Chulina. *Trudy Lab. elektromag. pol. rad. AMN SSSR* no. 2:122-125 '64.

BLOOD—SEDIMENTATION

Erythro sedimentation rates during treatment of patients with Addison-Biermer anemia. A. A. Kiylov. *Sov. med.* 29 no. 1:33-35 Ja '66

BLOOD—TRANSFUSION

Case of quaternary malaria following chemotherapy in Baku. N. I. Mamedov. *Azerb. med. zhur.* 13 no. 3:90-93 Mr '66

Complications in transfusion of Rh-incompatible blood. M. K. Nadejkin, O. P. Amelina. *Sov. med.* 29 no. 1: 85-97 Ja '66

Direct intravascular blood transfusion in cachexia due to burns. F. A. Danchenko. *Klin. khim.* no. 1:46-47 '65

Plasmapheresis; a review of the literature. O. K. Gavrilov. *Voen.-med. zhur.* no. 2:22-26 F '66

Use of transfusions of freshly prepared blood and leucocyte mass during the process of radiotherapy in tumors of the female genitalia. L. A. Zhavoronkova. *Med. rad.* 11 no. 3:10-44 Mr '66

BLOOD PLASMA SUBSTITUTES

Protein composition of the blood serum in old animals and its changes under the effect of transfusion of the BK-8 blood substitute. I. M. Alekseyeva. *Fiziol. zhur. [Ukr.]* 12 no. 1:56-62 Ja-F '66.

BLOOD PRESSURE

(see also subdivision under Novitsk, Kremenovsk Territory)

Effect of high frequency electromagnetic field on the blood pressure and body temperature in laboratory animals. K. V. Nikonova. *Trudy Lab. elektromag. pol. rad. AMN SSSR* no. 2:61-65 '64.

Effect of microwaves on the blood pressure level in laboratory animals. Z. V. Gordon. *Trudy Lab. elektromag. pol. rad. AMN SSSR* no. 2:57-60 '64.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PRESSURE, LOW see Hypotension

BLOOD PROTEINS

Akademiia nauk URSS, Kiev [Proteins in medicine and the national economy, blood proteins, glucose oxidase] Delki v meditsine i na odnom khoz'iaistve, belki krovi, glukozooksidaza. Kiev, Naukova dumka, 1965. 247 p. (Respublikanskiy mezhvedomstvennyy sbornik. Seriya "Molekulyarnaya biologiya")

Analysis of materials on changes in the protein composition of the blood. L. N. Smolodkina. *Lab. delo* no. 3: 134-137 '66.

Changes in serum protein composition during normal pregnancy and late toxemia, an electrophoretic study. L. G. Bonnikova. *Sov. med.* 29 no. 1:64-67 Ja '66.

Changes in the protein composition of the blood under the effect of single and multiple doses of 5-fluorouracil. R. A. Anderson. *Farm. i toks.* 29 no. 1:94-98 Ja-F '66.

Cholesterol protein complexes of the blood in irradiated dog. T. A. Polosukhina, T. M. Atyanova. *Ukr. biokhim. zhur.* 33 no. 1:3-8 '66.

Effect of chronic action of small doses of hydrocarbon vapors on the organism. Report No. 3. L. M. Lur'io, S. F. Fatalieva. *Azerb. med. zhur.* 43 no. 1:36-42 Ja '66.

Effect of radio waves with different frequency ranges on protein fractions and histamine in the blood. I. A. Gal'yon, M. N. Sadchikova. *Trudy Lab. elektromag. pol. rad. AMN SSSR* no. 2:133-136 '64.

BLOOD PROTEINS (Continued)

- Electrophoretic separation of blood proteins in fish-Latin animals. V.A. Berestov. Dokl. Akad. sel'khoz. nauk no. 2:40-42 F '66.
- Heparin complex compounds with thrombogenic blood proteins and their pathologic properties. B.A. Kudashov, T.M. Kaitsh, Shala, L.A. Polakova. Vop. med. khim., 12 no. 1:114-115 Ja-F '66.
- Immunoelectrophoretic study of blood serum proteins in epidemic hepatitis. Z.A. Komova-Gorkina, L.K. Pichova. Vop. med. khim. 12 no. 1:23-26 Ja-F '66.
- Protein composition of the blood serum in old animals and its changes under the effect of transfusion of the BK-8 blood substitute. I.M. Alekseeva. Fiziol. zhur. [Ukr.], 12 no. 1:56-62 Ja-F '66.

Serotoninspeky. N.L. Semenovich and others. Lab. delo no. 3:140-141 '65.

Serum proteins in epidemic hepatitis. Report No. 2. S.M. Barais. Trudy Kish. gos. med. inst. 14:121-130 '61.

BLOOD SUGAR

Change in sugar content of the blood as affected by the action of glucose on the receptors of the oral cavity and small intestines. L.G. Melnikova. Dokl. AN BSSR 10 no. 1:55-57 Ja '66.

Effect of the excitation of urinary bladder receptors on the utilization of blood sugar by kidney tissues. A.I. Krasov, N.I. Safarov. Izv. AN Azerb. SSR, Ser. biol. nauk no. 5:97-101 '65.

BLOOD VESSELS

Histochemical study of acid and alkaline phosphatases in the blood vessels of some organs. G.G. Aminova. Trudy Mosk. vet. akad. 22 no. 2:3-6 '66.

BLOOD VESSELS—DISEASES

Aruntyunov, V.I.A., and P.I. Colombo. [Allergic vasculitis of the skin] Allergicheskie vaskulity kozhi. Moskva, Meditsina, 1966. 177 p. (DNLM)

BLOOD VESSELS—SURGERY

Diagnosis and surgical treatment of patients with occlusion of the popliteal artery and vessels of the leg. M.P. Villanskii, V.K. Gaidenko, L.V. Polshkov. Sov. med. 27 no. 5:20-25 My '64.

Radical surgical correction of the blood circulation in complete transposition of the aorta and pulmonary artery, a clinical and experimental study. V.I. Burakovskii, B.A. Konstantinov. Eksp. khir. i anest. no. 4:18-24 '65.

BLOWERS see Compressors

BLUEPRINTING

Permissible precision of the reproduction in blueprinting. Z.P. Gmazina, N.N. Potlanskii, I.U. P. Solivanov. Poligrafia no. 6:16-18 Je '64.

BODRUYSK (WHITE RUSSIA)—THEATERS

When collectivists are united. L. Seregina. Sov. voia. 47 no. 24:42-43 D '65.

BODRAK VALLEY—GEOLOGY

Lithostratigraphy and structure of the Taurian series in the Bodrak basin of the Crimea. V.N. Shvanov. Vest. LGU 21 no. 6:153-156 '66.

BODY FLUIDS

Methodology of determining potassium and sodium in biological body fluids by flame photometry. S.K. Salimov, B.A. Agayev. Azerb. med. zhur. 43 no. 2:26-30 F '66.

BODY FLUIDS—ANALYSIS

Toxic effect of phenothiazine derivatives and methods of their determination in biological fluids, a review. E.M. Salematin. Sud.-med. ekspert. 9 no. 1:18-21 Ja-Mr '66.

BODY SIZE

Proportions of the human body according to Michel Angelo Buonarroti. N.S. Mekhanik. Arkh. anat., gist. i embr. 59 no. 1:102-111 Ja '66.

BODY TEMPERATURE

Effect of high frequency electromagnetic field on the blood pressure and body temperature in laboratory animals. K.V. Nikonova. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:61-65 '64.

Effect of short and ultrashort waves on the body temperature and the survival of laboratory animals. P.P. Bukatova. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:78-79 '64.

Resistance of the Kazakh hybrid swine to high summer temperatures and solar radiation. P.A. Es'kov, V.A. Li, S.U. Kadybaev. Vest. sel'khoz. nauki [Kazakh.], 9 no. 2:49-55 F '66.

Study of the temperature reaction of animals exposed to microwaves with different frequency bands. E.A. Lobanova. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:75-77 '64.

BODY TEMPERATURE—REGULATION

Temperature of the stomach in dogs under conditions of rest and absence of alimentary stimulations. N.L. Vokobukh. Fiziol. zhur. [Ukr.], 12 no. 1:50-55 Ja-F '66.

Thermoregulatory reactions and their changes under the effect of piperazine in thyrotoxicosis patients. B.F. Basklavskaya. Sov. med. 27 no. 5:41-45 My '61.

Use of the method of skin thermometry for the evaluation of vestibulovestibular reactions. S.S. Markalan, R.A. Baiturayev. Voenn.-med. zhur. no. 2:65-67 F '66.

BOEYNANTS, PAUL VANDEN, 1919-

People and events. Paul Vanden Boeynants; Cevdet Sunay. Nov. vrem. 23 no. 15:15-25 Ap '66.

BOGATYREV, SEMEN SEMENOVICH

Portrait of a noble person. L. Mazel'. Sov. muz. 30 no. 3:32-35 Mr '66.

BOILERS

(see also subdivision under Great Britain)

All-Union conference on efficient methods for burning mazut and gas in large boiler systems. I.A. Storozhuk. Energomashinoostroenie 12 no. 2:43 F '65.

All-Union conference on the use of flared pipes in the manufacture of boilers. A.U. Lipets. Energomashinoostroenie 12 no. 2:44 F '66.

Cable layout of a boiler unit. M.I.A. Golod, O.I. Makulova. Energ. stroit. no. 5:29-30 '65.

Carrying out the prestart operations in the block of the Zainskaya Regional Electric Power Plant. B.K. Pimenov. Energ. stroit. no. 7:40-45 '65.

Continuous-line method in the installation of large blocks of boiler aggregates. L.I. Maslurin, L.M. Dragunskii, E.L. Tuz. Energ. stroit. no. 7:31-40 '65.

Control of fuel combustion in boilers. A.N. Chernyi, V.S. Kostogryzov. Prom. energ. 21 no. 3:15-17 Mr '66.

Effectiveness of the regenerative systems of steam and gas units developed by the Central Scientific Research Institute for Boilers and Turbines. V.P. Drobot. Teploenergetika 13 no. 1:73-77 Ja '66.

Installation of the boiler unit. Energ. stroit. no. 4:51-26 '64.

Installation of the TPP-110 boiler. I.U.S. Bereznoi, Z.M. Simanovskii. Energ. stroit. no. 4:50-50 '64.

IT diagrams for coals based on the reduced characteristics of fuels. I.A. L'Pekkar. Teploenergetika 13 no. 1:66-69 Ja '66.

Making and installation of auxiliary and nonstandard equipment on the boilers. V.O. Lur'ko. Energ. stroit. no. 4:53-55 '64.

Means for the improvement of the operation of a La-Motte boiler. I.A. Matveev, A.P. Kozlov. Energ. stroit. 14 no. 3:15-16 Mr '66.

Operation of SKU-14/40 waste-heat boilers. V.I. Ankelevich, V.G. Matveenko, I.U.A. Seifkov. Prom. energ. 21 no. 3:12-15 Mr '66.

Operational plan for the installation of the TPP-110 boiler unit. Energ. stroit. no. 4:51-17 '64.

Operational plan for the installation of the TPP-110 boiler unit. V.I. Koleshnikov, N.P. Prokof'ev. Energ. stroit. no. 4:57-60 '64.

Permissible load of drum boilers. I.U. L. Sorokin. Energomashinoostroenie 12 no. 2:23-27 F '66.

Placement of the burner in the combustion chamber of a boiler unit. P.I. Pisarenko. Teploenergetika 13 no. 1:52-58 Ja '66.

Preliminary graphical calculation of the flue pipes of small boiler systems. B.E. Kotlar. Prom. energ. 21 no. 3:26-32 Mr '66.

A preliminary summing up of the installation, tune-up, and starting operations on the 300 Mw main blocks. I.B. Slonimskii. Energ. stroit. no. 4:51-53 '64.

Rare avis among steam boilers. M. Mikhailov. Izobr. i rais. no. 2:41 '66.

Redesigning of draft and blast systems for boilers of the thermal electric power plant of the "Zaporozhstal" factory. Prom. energ. 20 no. 4:31-32 Ap '65.

Shchegolev, M.M., I.U. L. Gusev, and M.S. Ivanova. [Boiler systems] Kotel'nye ustanovki, Moskva, Stroiizdat, 1966. 423 p.

Some defects in the standard design of a boiler system with DKVR boilers. M.M. Andreev, G.V. Ermashova. Prom. energ. 21 no. 3:37-38 Mr '66.

Use of the "plane parallel jets" furnace system developed by the Moscow Power Engineering Institute in Barnaul boilers. V.A. Zorichev, N.V. Pavlov, V.F. Pillagin. Teploenergetika 12 no. 12:19-21 D '65.

BOILERS—ABSTRACTS

[Boiler manufacture] Ref. zhur.; Kotlostr. no. 2 F '66.

BOILERS—CLEANING

Operational cleaning of heating surfaces with citric acid. I.A. Nasokina. Teploenergetika 13 no. 1:83-85 Ja '66.

BOILERS—EQUIPMENT AND SUPPLIES

Reliable system for rabbling boilers. I.G. Vol'fas. Energ. stroit. 14 no. 3:16-17 Mr '66.

BOILERS—FIRING

Simulating the complex heat transfer in the boiler. V.T. Kumsarov. Trudy MFTI no. 1:1-11 '66.

Taking the method of gas burning into account in the calculation of heat transfer in the boiler. V.T. Kumsarov. Trudy MFTI no. 1:1-11 '66.

Research Institute for Boilers and Turbines. G.I. Goralov, I.P. Utkin. Trudy MFTI no. 1:1-11 '66.

BOILERS—FOUNDATIONS

Foundations for the TPP-200 boiler. I.A. L. Bereznoi. Regional Electric Power Plant. I.A. L. Bereznoi. A.N. Podgornyi. Energ. stroit. no. 7:1-11 '66.

BOILERS—MAINTENANCE AND REPAIR

Responsibility for boiler maintenance. I.I. Energetik 14 no. 3:13-14 Mr '66.

BOILERS—WATER SUPPLY

Establishment of water cycles in large industrial once-through boilers. V.A. Kryzhanovskii. Teploenergetika 12 no. 12:32-38 D '65.

BOILERS, MARINE—FIRING

Regulation of the viscosity of heavy fuel. I.I. Sudostroenie 56 no. 2:35-37 F '66.

BOLLWORM

Results of bioecologic studies of the bollworm in the Mugan zone of Azerbaijan. N.L. Ivanov. Poloskina. Trudy AZSTAZA 2:36-50 '66.

BOLOTOV, ANDREI TIMOFEEVICH, 1936-1961

First Russian agnoscist and researcher. A.T. Bolotov. S.I. Sanina. Zemledele 28 no. 2:90-101 '66.

BOLOTOV, VALERIAN VLADIMIROVICH, 1867-1963

Valerian Vladimirovich Bolotov; obituary. P.S. Zhil and others. Gid. stroit. 36 no. 1:1-11 Ja '66.

BOL'SHAYA LAYDA VALLEY—GEOLOGY, STRATIGRAPHIC

Palynological basis for the stratigraphy of Upper Cretaceous sediments in the Bol'shaya Layda basin (Uss. Yenisey region). N.M. Bondarenko. Uch. zap. Sib. Ser. "Paleont. i biost.", no. 8:75-85 '65.

BOL'SHAYA LAYDA VALLEY—PALYNOLOGY

Palynological basis for the stratigraphy of Upper Cretaceous sediments in the Bol'shaya Layda basin (Uss. Yenisey region). N.M. Bondarenko. Uch. zap. Sib. Ser. "Paleont. i biost.", no. 8:75-86 '65.

BOLSHEVISM see Communism

BOL'SHEZEMEL'SKAYA TUNDRA—GAS, NATURAL

Natural gases of the Bol'shezemel'skaya Tundra. V.V. Zolomina. Geol. nefli i gaza 9 no. 3:37-43 Mr '66.

BOL'SHOY ANYUY VALLEY

River valleys in the upper course of the Bol'shoi Anyuy. M.D. Chasovilin. Geol. i geofiz. no. 1:1-11 '65.

BOLTS AND NUTS

Foundation bolts made of reinforcements with a special profile. T.I. Astrova, I.G. Ovchinnikova. Vest. LGU no. 2:35-39 F '66.

BOMBARDMENT WITH PARTICLES see Collisions (Nuclear physics)

BOMBING, AERIAL

Searching and approaching small targets. A. Gartaev. Av. i kosm. 44 no. 1:32-36 '62.

BONDARCHUK, VOLODYMYR HAVRYLOVYCH, 1903-

Volodymyr Havrylovych Bondarchuk, on his 60th birthday. Geol. zhur. 25 no. 6:107-109 '65.

BONE

Histochemical data on mucopolysaccharides of the mature tubular bone and hyaline cartilage. V.P. Mikhailov. Arkh. anat., gist. i embr. 59 no. 1:62-68 Ja '61.

BONE GRAFTING

Case of total substitution of the trochanteric fossa with a homotransplant. O.N. Gudushauri, A.M. Mikhailov. Ortop., travm. i protez. 27 no. 3:70-73 Mr '66.

Evaluation of spondylosis in scoliosis before and after the termination of growth. K.I. Vasil'kova. Ortop., travm. i protez. 27 no. 2:44-49 F '66.

Little known modifications of N.I. Pirogov's classical bone grafting operation. A.K. Rudenko. Ortop., travm. i protez. 27 no. 3:81-85 Mr '66.

BONES

Bone-muscle lever arms in rodents of the family Sciuridae. G.S. Katina. Arkh. anat., gist. i embr. 59 no. 1:49-53 Ja '66.

BONES (Continued)

Morphological characteristics and the structure of tubular bones in some sheep breeds of Azerbaijan
A. S. Ismailov. Izv. AN Azerb. SSR, Ser. biol. nauk no. 5, 53-61 '65

Role of osteoprotection in the regulation of regional blood circulation in experimental and clinical practice
P. Orolins, G. A. Iankovskii. Vest. AMN SSSR 21 no. 4 49-54 '66

BONES—CANCER

Importance of large-photograph fluorography of the bones in the detection of metastases of malignant tumors.
M. A. Aliev. Azerb. med. zhur. 42 no. 11 53-56 N '65
Metastatic sarcoma; two observations. V. M. Medunetskaya. Vop. onk. 12 no. 2 84-85 '66

BONES—RADIOGRAPHY

Difficulties in X-ray diagnosis of bone tumors. S. G. Aliev. Azerb. med. zhur. 42 no. 11 60-63 N '65.
Importance of large-photograph fluorography of the bones in the detection of metastases of malignant tumors.
M. A. Aliev. Azerb. med. zhur. 42 no. 11 53-56 N '65.

BONES—SURGERY

50th anniversary of the "Russian lock." N. A. Obolin. Ortop., travm. i protez. 27 no. 3 85-90 M '66.

BONES—TUMORS

Difficulties in X-ray diagnosis of bone tumors. S. G. Aliev. Azerb. med. zhur. 42 no. 11 60-63 N '65.

BONES—WOUNDS AND INJURIES

Pathological changes of traumatic origin in the bone tissues. I. F. Bogolavenskii. Sbor. nauch. rab. vrachei Kar. ASSR no. 4 152-158 '62.

BONUS SYSTEM

Bonuses for the creation and introduction of new equipment. Ekon. i zhizn' 8 no. 2: 82 F '66.
Economic efficiency of applying the new "Regulations on bonus awards" in the open-pit lignite mines of the Ukraine. N. I. Leleka. Ugol' 11 no. 3 57-58 M '66.
An effective bonus system is needed. R. Avtokratov. Avi. transport. 44 no. 2: 38-39 F '66.
Eliminate the shortcomings in paying bonuses to workers of tank farms. E. Golovnev. Neftianik 10 no. 12: 23 D '65.
Fund of material encouragement. V. F. Gorin. NTO 8 no. 2: 50-51 F '66.
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots. trud 11 no. 3: 146-148 Mr '66.
Incentives, construction time and time set for attaining planned production capacity. R. Shit'eva. Plan. khoz. 43 no. 4: 86-87 Ap '66.
Increasing economic incentives in the production at the enterprises of grain products. V. Narkhov. Muk. elev. prom. 32 no. 1: 7-9 Ja '66.
The need for an efficient bonus system. V. Rozenfeld. Mar. flot 26 no. 3: 20 Mr '66.
Heath for the heart and mind. P. Buzin. Sov. profsoyuz 22 no. 3: 26 F '66.
Regulations on bonus payments. Put' i put. khoz. 10 no. 2: 41 '66.
Replies to our readers on material incentives for construction workers. Ekon. i stoi. no. 8: 59-62 Ag '64.

BOOK CLUBS see subdivision under Kharkov; Temryuk (Krasnodar Territory)

BOOK INDUSTRIES—EXHIBITIONS see subdivision under Poland

BOOKBINDING

Possibility of arranging machinery for gluing operations. I. U. Vaintraub. Poligrafia no. 6: 19-21 Jo '64.

BOOKS see subdivision under Mongolia

BOOKS—OWNER'S MARKS

Books are my friends; excerpts from a book. V. Lidin. Knizh. torg. 17 no. 1: 41-45 Ja '66

BOOKS—PRICES

Let us standardize the prices of secondhand books. A. Khilussov. Knizh. torg. 16 no. 12: 12-13 D '65.
We should specify the rates of discount. S. Belkin. Knizh. torg. 16 no. 12: 16 D '65.

BOOKSELLERS AND BOOKSELLING

(see also subdivision under Bulgaria; Chelyabinsk; Chita; Chita Province; Donetsk Basin; Gorky Province; Hungary; Ivano-Frankovsk Province; Kazakhstan; Kazan District; Kemerovo Province; Kirovograd Province; Kishinev; Kirgiz Province; Latvia; Poltava Province; Saratov Province; Sverdlovsk Province; Tambov Province; Ukraine; Uzbekistan; Valmiera, Latvia; White Russia)

After they made an inventory. V. Romanycheva. Knizh. torg. 17 no. 4: 31-32 Ap '66.

An all-Union conference and study group. Knizh. torg. 17 no. 4: 9 Ap '66.

Direct contacts and wholesale trade. S. Trifonov. Knizh. torg. 17 no. 12: 13 Ja '66.

Dissemination of technical literature. M. Abuzov. Knizh. torg. 17 no. 3: 26-27 Mr '66

Establishing a surplus of wares. S. Pogodin. Knizh. torg. 17 no. 10: 11 Ja '66.

Have these books become obsolete? G. Bakhovskii. Knizh. torg. 16 no. 12: 11 D '65.

High award. Knizh. torg. 17 no. 1: 10 Ap '66 Knizh. torg. 17 no. 1: 10 Ap '66

How to do away with hasty work in the "all hands on deck" manner. A. Goldin. Knizh. torg. 17 no. 3: 14 M '66

Is it possible to "create" a surplus of books? M. Shvartsor. Knizh. torg. 17 no. 1: 20 Ja '66

Let us talk about serial publications. I. A. L'vov. Knizh. torg. 17 no. 1: 5-10 Ja '66

Let's call things by their proper names. A. Gonorov. Knizh. torg. 17 no. 4: 49-50 Ap '66

Let's raise the banner of competition! Knizh. torg. 17 no. 4: 8 Ap '66.

More about the system of commercial orders. M. Subbotin, E. Shakhov. Knizh. torg. 17 no. 3: 12-13 Mr '66

The nature of bookselling and its role in the building of communism. A. Kuznetsov. Knizh. torg. 17 no. 3: 34-36 Mr '66

On paper and in fact. Z. Bobkina. Knizh. torg. 17 no. 4: 25 Ap '66

Our good and faithful friends. Knizh. torg. 17 no. 4: 18-20 Ap '66.

Preparations ensure success. S. Putaev. Knizh. torg. 17 no. 1: 22-23 Ja '66

Procedure in establishing the number of delivered publications. A. Dibinskii. Knizh. torg. 17 no. 4: 61 Ap '66

The role of bookselling in the communist education of workers. A. Kuznetsov. Knizh. torg. 17 no. 4: 51-53 Ap '66

The selling of displayed books. V. Lgorov. Knizh. torg. 17 no. 1: 14-15 Ja '66.

Silent people behind the counter. A. Chernikov. Knizh. torg. 17 no. 1: 18-19 Ja '66.

The situation disturbs us. A. Litvinov. Knizh. torg. 17 no. 4: 30-37 Ap '66

Sociological studies on bookselling. Knizh. torg. 17 no. 3: 10-12 M '66.

Studying the demands of customers isn't an end in itself. A. Marin. Knizh. torg. 17 no. 3: 15-16 Mr '66.

There should be classified bulletins. S. Pogodin. Knizh. torg. 17 no. 4: 34-35 Ap '66

An unsystematic system. P. Kaplinskii. Knizh. torg. 17 no. 1: 30-40 Ap '66.

We agree with these suggestions. S. Arif'yanova. Knizh. torg. 17 no. 4: 35 Ap '66

We are facing important problems. B. Alekseev. Knizh. torg. 17 no. 1: 1-3 Ja '66.

We shall keep our word. S. Polivanovskii. Knizh. torg. 16 no. 12: 1-2 D '65.

We should extend economic incentives. T. Aizenberg. Knizh. torg. 17 no. 1: 7-8 Ja '66.

When there is a lack of control. F. Nabil. Knizh. torg. 17 no. 3: 18 Mr '66.

BOOKSELLERS AND BOOKSELLING—ACCOUNTING

Accounting in a people's bookstore. V. Makarov. Knizh. torg. 17 no. 4: 44 Ap '66.
We should calculate well. S. Usilov. Knizh. torg. 16 no. 12: 5 D '65.

BOOKSELLERS AND BOOKSELLING—BIBLIOGRAPHY

see Bibliography—Booksellers and bookselling

BOOKSELLERS AND BOOKSELLING—LAWS AND LEGISLATION

Legal advice. Knizh. torg. 16 no. 12: 44 D '65.
Legal advice. Knizh. torg. 17 no. 1: 47-48 Ja '66.

BOOKSTORES

(see also subdivision under Chernigov; Donetsk; Kalinin; Kemerovo; Krasnodar; Krasnaya Province; Moscow, Moscow Province; Novomoskolsk; Penza Province; Perm; Riga; Saksk District; Saratov, Ryazan Province; Uzbekistan; Vilensk Province; Volgograd)

Equipment for the philatelic sections of bookstores. P. Timofeev. Knizh. torg. 17 no. 3: 46-47 Mr '66.
From the editor's mail. Knizh. torg. 17 no. 4: 63 Ap '66.

A layout for show windows on Lenin Day. Knizh. torg. 17 no. 3: 32 Mr '66.

The selling of displayed books. V. Egorov. Knizh. torg. 17 no. 1: 14-15 Ja '66.

Such are our show windows. B. Bolarskaia. Knizh. torg. 16 no. 12: 18-19 D '65.

What our show windows should be? Knizh. torg. 17 no. 3: 28-29 Mr '66.

BOOLEAN FUNCTIONS

A class of not completely defined functions of algebra of logic. I. I. Zhuravlev. Disk. anal. no. 2: 23-27 '64.

BOOT AND SHOE INDUSTRY see Shoe Industry

BOOTS AND SHOES—TESTING

Studying the formation of creases and deterioration of shoe uppers due to bending. A. N. Kalita, I. U. P. Zybina. Izv. vyz. ucheb. zav., tekhn. leg. prom. no. 1: 63-66 '66

BOOTS AND SHOES, RUBBER

Blind polymer mixtures for the molding of shoe sole pairs. B. I. A. Krasnov, A. D. Zaitonchikovskii, N. P. Gyrdomova. Izv. vyz. ucheb. zav., tekhn. leg. prom. no. 1: 37-41 '66

BORAGE

Isolation of shikonin from *Macrotomia ugandensis*. M. Pop. A. S. Romanova, A. I. Ban'kovskii. Khim. prirod. soed. no. 3: 226-227 '65.

BORATES

Some regularities in the sorption of borates from solutions by magnesium oxide. Report No. 2. B. A. Sholkhet and others. Ukr. khim. zhur. 32 no. 1: 101-104 '66.

BORATES—SPECTRA

Studies of borate minerals of the Ludvigite-vonsenite series by the infrared spectra. S. M. Aleksandrov, M. V. Akhmanova, A. V. Kalakin. Geokhimiya no. 9: 1114-1119 S '65

BORERS (INSECTS)

Grain borer, a dangerous grain pest. V. Ratsnaya, S. Zheltova. Muk. elev. prom. 32 no. 1: 15-16 Ja '66.

BORERS (INSECTS)—EXTERMINATION

Mathias, G. L. [Borers of oak plantations in the southern Yergeni and measures for their control] Zhukhi dshovkhi nasazhdeni lugh Ergoni i mery bor'by s nimi. Elieta, Kalmizdat, 1963. 21 p. [DUAL MICROFILM]

BORING

(see also subdivision under Donetsk; Kazakhstan; Khabarovsk Territory)
Establishing the areas of use for the various systems of boring blast holes in strip mines. V. V. Tartitsyn, A. G. Smirnov, I. T. Farafonov. Izv. vyz. ucheb. zav., gor. zhur. 5 no. 1: 81-87 '62.
Experimental determination of the optimal magnitude of impact energy in crushing rocks by splitting. N. U. Turutina, L. V. Filatov. Gor., stroi i dor. mash. no. 2: 63-70 '65.
From practices in rotary boring for water. V. I. Blazhkov. Gidr. i mel. 18 no. 3: 46-50 Mr '66.
Improve the quality of sampling in prospecting boring for placers. I. A. Basklovich and others. Razved. i okh. nedr. 32 no. 1: 23-27 Ja '66.
Increasing the speed of drilling boreholes in the Donetsk Basin. A. V. Kozlov. Razved. i okh. nedr. 32 no. 2: 28-31 F '66.
Induced block caving by one blocking with deep boreholes drilled through untouched ore blocks. G. M. Bulanov. Gor. zhur. no. 3: 25-30 Mr '66.
Interpretation of gas logging data in drilling deep high-temperature holes. O. K. Angelopulo, V. S. Paramonov, B. A. Andronov. Razved. i okh. nedr. 31 no. 11: 48-50 N '65.
Methods for lowering vibration in diamond drilling. N. N. Samanov, M. I. Odintsev. Razved. i okh. nedr. 31 no. 12: 25-26 D '65.
Optimum regimes of drilling bedrock. N. S. Timofeev, R. B. Vugin. Neft. khoz. 43 no. 12: 10-13 D '65.
Practice of the F. S. Shinko drilling crew. P. E. Sidorchuk, D. I. Pavlov, A. N. Bor'kin. Razved. i okh. nedr. 31 no. 12: 47-49 D '65.
Problem of industrial design in drilling. F. A. Shamshov, A. M. Yakovlev, A. M. Yakolev. Razved. i okh. nedr. 32 no. 1: 20-23 Ja '66.
Speed of drilling of holes in sedimentary rocks. V. A. Kudra, M. I. Khramov, M. I. Shorokhov. Razved. i okh. nedr. 31 no. 11: 44-46 N '65.
Studying the principal causes of groove formation in the walls of the borehole during drilling. M. A. Tankibaev. Vest. AN Kazakh. SSR 22 no. 3: 75-79 Mr '66.
Technical and economic efficiency in using expanders in diamond drilling. G. A. Il'inov, A. P. Gorbushin, A. S. Gots. Razved. i okh. nedr. 32 no. 2: 52-54 F '66.
Technology of sugar boring. I. A. Olenovskii, Razved. i okh. nedr. 32 no. 1: 28-31 Ja '66.

BORING—EQUIPMENT AND SUPPLIES

Reducing air dustiness during the boring of small-diameter holes. A. F. Sachkov, I. V. Alagutov. Gor. zhur. no. 3: 65-68 Mr '66.

BORING MACHINERY

Introducing the BSIm boring machine. L. M. Vasil'ev, A. I. Eremov. Bliz. tekhn. ekon. inform. Gos. nauch. i issled. inst. nauch. i tekhn. inform. 10 no. 1: 6-7 Ja '66.
Malovich, N. A. [Equipment assemblies for the sinking and boring of vertical shafts] Kompleksy obrudovaniia dlia prokhodka i burenia vertikal'nykh stvolov. Moskva, Nedra, 1965. 268 p.

BORING MACHINERY (Continued)

Mechanism of extracting the core from the core barrel in drilling, without using a pump. L. G. Sholokhov. A. I. Noudachin. Razved. i okh. nedr. 31 no. 12:51-52 D '65

Methods for calculating a mixer for nonconjugation operation of drilling shanks. L. M. Ivachev, L. V. Makushin. Izv. vuzov, zhelezn. dor., geol. i razv. 9 no. 1:100-106 Ja '66

Practice in developing the efficient construction of a building for the URD-1PM drilling rig. O. K. Belkin. V. I. Priamshnikov. Razved. i okh. nedr. 31 no. 12:50-51 D '65

Practice in operating the BSK-2-100M drilling rig under underground conditions. S. V. Fulin. I. L. Bol'shakov, B. M. Khokhin. Razved. i okh. nedr. 31 no. 11:11-14 N '65

Reconstruction of the mast of the SBU-150-ZIV and SBU-300-ZIV drilling rigs. M. M. Mikharinov and others. Razved. i okh. nedr. 31 no. 12:19-20 D '65

Results of testing the VKS-IV double water-jet core barrel for shot drilling. A. A. Gubreniuk, G. G. Molodtsov. Razved. i okh. nedr. 32 no. 2:25-28 F '66

Use of air drill boring machines in mining enterprises. V. S. Blokhin, V. D. Babko. Izv. SO AN SSSR na 10. 10. 1965. Tekh. nauk. no. 3:128-134 '61.

BORING MACHINERY—TESTING

Results of studying boring bars made of 55S2 steel. I. A. Setov, G. K. Manke. Izv. vuzov, zhelezn. dor., geol. i razv. 5 no. 11:81-84 '62.

BORING MACHINERY—WELDING

Semiautomatic welding in carbon dioxide of assemblies in boring machinery. A. A. Chukukov and others. Sviat. prosv. no. 3:38-39 Mr '66.

BORISLAV REGION (UKRAINE)—GEOLOGY, STRUC-TURE

Tectonic characteristics of the southeastern part of the Borislav petroleum production region. L. T. Bolchevskaya, E. V. Tkachenko. Geol. i geokh. nef. i gaz. mestorozh. no. 1:120-121 '65

BORISOV, PETR IAKOVLEVICH, 1864-1916

Professor P. I. Borisov; on the 100th anniversary of his birth. L. I. Grabovskaya. Fauna i flora 27 no. 6:715-736 N-D '61

BORISPOL DISTRICT—PASTURES AND MEADOWS—IRRIGATION

Small-scale irrigation system at the Starina Poultry Plant. A. A. Podgorynov. St. bud. 15 no. 3:14-16 Mr '65.

BORNEMAN-STARYNKEVICH, IRINA DMITRIEVNA, 1891-

Irina Dmitrievna Borneman-Starynkevich. N. V. Belov. Izv. AN SSSR, Ser. geol. 31 no. 1:168 Ja '66.

BORODIN, ALEKSANDR PORFIR'EVICH, 1833-1887

Popova, T. V. Borodina, 2. Izd. Moskva, Gos. muzyk. izd-vo, 1960. 225 p. (Shkol'naya biblioteka) (NIC)

BORODINO, BATTLE OF, 1812

M. I. Kulakov's reserve artillery units in the Battle of Borodino. N. Pavlov. Voenn.-ist. zhur. 8 no. 3:111-114 Mr '66.

BORODZHIK, GEORGI GEORGIEVICH, 1906-

G. G. Borodzhiuk; on his 60th birthday. Elektr. osv. 20 no. 2:22 F '65.

BOROLANE

Synthesis and properties of thiaborolanes. B. M. Mikhailov, V. A. Dorokhov, N. V. Mostovoi. Dokl. AN SSSR 166 no. 5:1114-1117 F '60.

BORON

Electric arc welding of austenitic chromium-nickel boron-alloyed steel. E. V. Prozorovskii, G. I. Petrov. Avtom. svar. 19 no. 1:1-5 Ja '66.

BORON—ANALYSIS

Hydrogeochemical studies of boron. E. S. Khatatlan. Izv. AN Arm. SSR, Nauka o zem. 18 no. 6:58-65 '65.

BORON CARBIDES

Manganeseborocarbides. L. I. A. Markovskii, E. T. Bezruk. Zhur. prikl. khim. 39 no. 2:258-265 F '66

BORON COMPOUNDS

Transformation of iminotrifluoroacetic acid ester in the presence of diphenyl boron chloride. E. L. Zaitseva, Zhur. ob. khim. 36 no. 3:327-328 F '60.

BORON HYDRIDES

Interaction of sodium borohydride with nickel sulfate in a water-ammonia medium. V. I. Mikhcheva, N. N. Mel'tseva, Z. K. Storiadkina. Zhur. neorg. khim. 10 no. 10:2390-2391 O '65

Solubility isotherm of magnesium borohydride and sodium borohydride in N, N-dimethylformamide at 0°C. V. N. Koneplev, V. I. Mikhcheva. Zhur. neorg. khim. 10 no. 10:2363-2366 O '65.

BORON NITRIDES

Complex alloys based on molybdenum disulfide and boron carbide. I. U. K. Lapshov. Izv. AN SSSR Neorg. mat. 2 no. 2:303-307 F '66

BORON ORGANIC COMPOUNDS see Organoboron compounds

BORON OXIDES

Heat capacity and heat of fusion of crystalline boron oxide. N. E. Shmidt. Zhur. neorg. khim. 11 no. 3:111-114 Mr '66.

BOROSILICATES

Differentiation of the hydrogen bonding strengths in lithium borosilicate glasses. V. S. Bobrov, M. M. Shmidt, L. P. Kalmykova. Elektr. oshchima 2 no. 3:288-291 Mr '66

BOROVICHI REGION (NOVGOROD PROVINCE)—CLAY

Exploitation conditions and problems of the drainage of the "Proletariy" refractory clay deposit. A. M. Antrop-tsev. Zap. L'GI 48 no. 2:22-28 '65.

BOROVICHI REGION (NOVGOROD PROVINCE)—QUAR-RIES AND QUARRYING

Exploitation conditions and problems of the drainage of the "Proletariy" refractory clay deposit. A. M. Antrop-tsev. Zap. L'GI 48 no. 2:22-28 '65.

BORZHAVA VALLEY—GEOLOGY

North-east boundary of the Megura zone in the Uzh and Borzhava interfluvio. B. N. Chalyi. Geol. i geokh. nef. i gaz. mestorozh. no. 1:167-170 '65.

BORZHOMI DISTRICT—NEMATODA

New species of nematode Microletzkya cordovector Kakulia n. sp. (Nematoda: Diplogasteridae). G. A. Kakutia. Soob. AN Gruz. SSR 41 no. 1:165-168 Ja '66

BOTANY

(see also subdivision under Agul Valley, Angara Valley, Balkal, Lake, Estaula, Europa; Georgia, Iransky District; Krasnoyarsk Territory, Maritime Territory, Moscow Province, Pamirs, Sarez Lake region, Turukhan Valley; Ussolia Valley, Krasnoyarsk Territory)

Khrzhanovskii, V. G., and S. F. Ponomarenko. [Botany for foreign students of the Preparatory Faculty] Botanika dlia studentov-inostrantssev podgotovitel'nogo fakul'teta. Moskva, Univ. d.uzhby narodov im. Patisha Lummiby, 1965. 63 p.

BOTANY—ANATOMY

Anatomical study of *Coronilla hispanica* Priligo. R. B. Babkov. Faunats. zhur. 20 no. 4:33-37 '65

Comparative anatomical characteristics of some promising hybrids of geraniums and their parent plants. N. D. Chikovani. Trudy Sukh. opyt. sta. efremnast kul't. no. 5:9-12 '64

"Plant anatomy" by D. P. Protsenko. Reviewed by I. O. Pervova. Uka. hot. zhur. 22 no. 1:95-98 '65

BOTANY—CLASSIFICATION

Five levels of the development of vegetation as related to the problem of classification. B. A. Bykov. Izv. AN Kazakh. SSR. Ser. biol. nauk 4 no. 1:3-8 Ja-F '66.

BOTANY—ECOLOGY see subdivision under Kirghizistan

BOTANY—EMBRYOLOGY

Characteristics of the development of male and female gametophytes in *Juncus* and *artichoke* (*Hallanthus tuberosus* L.). L. K. Dzhibenko. Ukr. bot. zhur. 22 no. 1:43-53 '65.

Development of male and female gametophytes in the opium poppy (*Papaver somniferum* L.) and California poppy (*Eschscholzia californica* Cham.). V. O. Zaitseva. Ukr. bot. zhur. 22 no. 1:54-59 '65.

BOTANY—MORPHOLOGY

Morphological variability of bulbaceous plants in the Polar-Alpine Botanical Garden. B. N. Golovkin. Bot. zhur. 51 no. 1:95-100 Ja '66

Some characteristics of the morphogenesis of *Grossularia* Milt. and *Ribes* L. V. L. Vilkovskii. Bot. zhur. 51 no. 1:101-111 Ja '66.

BOTANY—PERIODICALS see subdivision under Poland

BOTANY—PHYSIOLOGY see Plant physiology

BOTANY—SOCIETIES, ETC. see subdivision under White Russia

BOTANY—VARIATION

Effect of some physical and chemical factors on the mutation process in garden pea (*Pisum sativum*). B. Sharma. Genetika no. 1:45-52 Ja '66.

BOTANY, ECONOMIC see subdivision under Asia, Central

BOTANY, MEDICAL

(see also subdivision under Alma-Ata region, Azerbaijan, Slaviansk District, Donetsk Province)

Methods of determining the resources of wild medicinal plants. D. S. Ivashin. Apt. dein 15 no. 1:30-40 Ja-F '66

BOTULISM

Interrelationship between the level of vital dye sorption by skeletal muscles and the activity of tetanic and tonic neuromuscular apparatus. V. V. Mikhailov, D. L. Tsyplil. Tsitologiya 8 no. 1:9-15 Ja-I '66

BOULDERS see subdivision under Kama Valley

BOUNDARY LAYER

Integration of equations of a laminated boundary layer on a porous surface. L. P. Kozlov. Prikl. mekh. 2 no. 3:110-123 '66.

Integration of equations of a three-dimensional boundary layer in the presence of suction or injection. L. F. Kostov. Prikl. mekh. 2 no. 2:110-116 '66.

Kuladze, S. S., ed. [Heat exchange and friction in a turbulent boundary layer]. Teploobmen i trenie v turbulentnom pogranichnom sloye. Novosibirsk, Red.-izd. oddel Sibskogo otd-nila AN SSSR, 1964. 206 p. (NIC)

Parameters of the boundary layer originating in the flow past a cone at a certain angle of attack. N. D. Vvedenskaya. Zhur. vych. mat. i mat. fiz. 6 no. 2:301-312 Mr-Apr '66

Presentation of the problem of a viscous boundary layer on a cold electrode. G. A. Lubimov, I. P. Semenov. Mag. gid. no. 1:80-81 '65.

Separation of a turbulent boundary layer in a supersonic flow. I. U. A. Panov, A. I. Shvets. Prikl. mekh. 2 no. 1:99-103 '66.

BOUNDARY VALUE PROBLEMS

Akademiya nauk Tadzhikskoi SSR, Dushanbe. Fiziko-tekhnicheskii institut. [Studies on boundary value problems in the theory of functions and differential equations]. Issledovaniya po kraevym zadacham teorii funktsii i differentsial'nykh uravnenii. Dushanbe, Izd-vo Akad. nauk Tadzhikskoi SSR, 1965. 126 p.

Some asymmetric problems in the theory of heat conductivity with mixed boundary conditions. I. N. Kuz'min. Zhur. tekh. fiz. 36 no. 2:230-238 F '66

Uniform stabilization of solutions to mixed boundary value problems. S. Z. Buk. Usp. mat. nauk 20 no. 5:272-274 S-O '65.

BOURGEOIS, VICTOR, 1807-1862

Victor Bourgeois. Pierre Louis Fluke. Sov. arkhiv. no. 17:172-171 '65.

BOXES—STANDARDS

Standardization of packaging materials for meat products. N. Shishkina and others. Mias. ind. SSSR 37 no. 1:21-21 '66.

BOXING

The holder of Barker's cup. Vladimir Saifonov. Mol. komm. no. 1:118-121 Ja '65.

Sequelae of craniocerebral traumas and prevention of work disability in boaters. T. A. Tonian. Trudy LIEITV no. 18:37-44 '65.

BRACHIOPODA, FOSSIL

(see also subdivision under Transcaucasia)

Genus *Septatrypa* Kozłowski, 1920. N. P. Kul'kov. Dokl. AN SSSR 167 no. 1:191-193 Mr '66.

Systematic position of the genus *Mimalia*. R. E. Alekseeva. Paleont. zhur. no. 1:153-159 '66.

BRAHMA PUTRA VALLEY—ALLUVIUM

Formation of recent alluvium in the Brahmaputra and Indus Valleys. A. A. Chistinkov, and G. I. Kadri. Vest. Mosk. un. Ser. 4: Geol. 21 no. 1:65-75 Ja-I '66.

BRAIN

Basic principles of the structure and function of the reticular formation of the brain. I. U. Denisov-Nikol'skii. Arkh. anat., gist. embr. 50 no. 1:110-125 Ja '65.

Composition of nucleic acids in the brain of guinea pigs affected by an acute radiation sickness. M. IE. Kucheronko, IE. F. Sonin. Ukr. biokh. zhur. 38 no. 1:50-54 '66.

Coronary insufficiency and necrosis of the myocardium in cats caused by the introduction of potassium chloride into the lateral ventricles of the brain. E. A. Bendikov, V. S. Mitofanov. Biol. eksp. biol. i med. 61 no. 1:37-40 Ja '66.

Correlation of methods of studying higher nervous activity. M. O. Lohvyn. Filos. probl. such. prirod. no. 4:139-149 '65.

Effect of some adrenomedullary substances on the function of the adrenal cortex and central nervous system. E. V. Naumenko, R. U. Il'chenok. Farm. i toke 27 no. 6:870-873 N-D '64.

BRIQUETS (FUEL) (Continued)

Design and calculation of the electric drive for great briquetting presses based on the standard load diagram V. A. Artishevskii. *Tor. prom.*, 43 no. 1:33-36 '66

Optimum revolution number of BPS presses. V. G. Bulchev and others. *Tor. prom.*, 43 no. 2:24-26 '66.

Testing the production of coke from low coking and noncoking coal briquets V. I. Zhurko, D. M. Ravich, I. A. Andreeva. *Izv. vys. ucheb. zav.; gos. zhur.* 5 no. 11:157-160 '62.

BRITISH GUIANA—POLITICS AND GOVERNMENT

British Guiana. *Agilator* 33 no. 6:60-61 M; '66.

BRITTON, BENJAMIN, 1913-

New ways. *IU. Keldysh. Sov. muz.* 30 no. 3:40-45 M; '66.

BROACHING MACHINES—VIBRATION

Resistance to vibration of broaching machines and the strength of broaches L. K. Manulov, B. S. Voskoboinikov. *Stan i inst.* 37 no. 2:1-5 F '66

BROAD BEAN—FERTILIZERS AND MANURES

Comparative study of the uptake of superphosphate and phosphoric phosphorus by fodder beans with the help of P^{32} . S. N. Ivanov, L. V. Kruglov. *Dokl. AN BSSR* 10 no. 1:50-52 Ja '66.

BROMATES

Oxidation-reduction reactions of actinide elements Part 3: Kinetics of reaction between uranium (IV) and bromate ions in perchlorate solutions A. G. Rykov, V. IA. Vasil'ev, G. N. Iakovlev. *Radiochimia* 8 no. 1:33-42 '66.

BROMIDES

Analyzing the process of the purification of a chlorine-containing bromide-air mixture. A. Nuryov, V. I. Ksenzenko. *Khim. prom.* 42 no. 3:183-186 M; '66.

Ternary complex compounds of aluminum and alkali metal bromides with xylene and toluene. G. G. Rusin, R. K. Marchenko. *Ukr. khim. zhur.* 32 no. 1:106-107 '66.

BROMIDES—THERMODYNAMICS

Thermodynamic study of the system $KBr - NH_4Br - H_2O$ at 25°C. Part 1: Activity of water and activity coefficients of KBr and NH_4Br in binary and ternary solutions. S. A. Simanova, M. M. Shul'ts. *Vest. LGU* 21 no. 4:75-81 '66.

Thermodynamic study of the system $KBr - NH_4Br - H_2O$ at 25°C. Part 2: Composition of coexisting phases in the system $KBr - NH_4Br - H_2O$ and the thermodynamic properties of solid solutions $KBr - NH_4Br$ at 25°C S. A. Simanova, M. M. Shul'ts. *Vest. LGU* 21 no. 4:82-90 '66.

Thermodynamics of polybromide ions. V. E. Mitonov, N. P. Lastovkina. *Zhur. neorg. khim.* 11 no. 3:580-589 M; '66.

BROMINE

Bromine absorption in apparatus with a fluidized bed of ball packing. N. I. Gal'perin and others. *Khim. prom.* 41 no. 11:832-833 N '65.

BROMOHYDRINS

Interaction of α -bromo oxides with metallic derivatives of compounds having a labile hydrogen atom. Part 9: Reaction of dimethyl ester of potassium methylmalonic acid with epibromohydrin and its homologs. T. I. Temnikova, S. N. Semenova. *Zhur. org. khim.* 2 no. 3: 365-367 M; '66.

BRON, OSIP BORISOVICH, 1896-

O. B. Bron; on his 70th birthday. *Elektrotehnika* 37 no. 2:63 F '66.

O. B. Bron; on his seventieth birthday and the fortieth anniversary of his theoretical and educational work. A. S. Gelfman and others. *Izv. vys. ucheb. zav.; elektromekh.* 8 no. 2:235-238 '66.

BRONCHI—ABNORMALITIES AND DEFORMITIES

Circular resection of the bronchus in congenital stenosis. G. L. Feofilov. *Klin. khir.* no. 8:81-82 '65.

BRONCHI—DISEASES

Bronchodentitis in a child caused by *Mycobacterium tuberculosis avium*. E. I. Slutskaya and others. *Probl. tub.* no. 3:87-88 '65.

Disorders of bronchial patency in early postoperative period of lung resection in tuberculosis A. I. Rozno. *Sov. med.* 29 no. 2:62-65 F '66

BRONCHI—SURGERY

Circular resection of the bronchus in congenital stenosis. G. L. Feofilov. *Klin. khir.* no. 8:81-82 '65.

BRONCHI—TUMORS

Diagnostic and therapeutic errors in bronchial adenoma. O. M. Avileva. *Klin. khir.* no. 6:78-80 '65.

BRONCHIAL FISTULA see Fistula, Bronchial

BRONCHIECTASIS

Diagnosis and surgical treatment of bronchiectasis of the basal segments. S. L. Libov, M. R. Rokitskii, I. I. Lazuk. *Klin. khir.* no. 6:77-81 '65.

Some characteristics of the clinicopathologic picture of bronchiectasis treated with antibiotics. E. G. Leizerovskaya, S. I. Ovcharenko. *Sov. med.* 27 no. 5:10-13 M; '64.

BRONCHITIS

Bacteriologic and cytologic studies in the diagnosis of nonspecific endobronchitis in patients with pulmonary tuberculosis N. A. Satyr. *Probl. tub.* no. 5:78-82 '65.

BRONZE

Studying the technology of making bronze by the powder metallurgy method V. N. Mitoshnikov, I. M. Fedorchenko. *Potash met.* 6 no. 2:40-45 F '66.

BRONZE—METALLOGRAPHY

Investigating structural changes during the heating of a deformed Br. KMt3-1 bronze. E. P. Ponomarenko. *Izv. vys. ucheb. zav.; tevt. met.* 9 no. 1:124-128 '66.

BRONZE, EFFECT OF TEMPERATURE ON

Investigating structural changes during the heating of a deformed Br. KMt3-1 bronze. E. P. Ponomarenko. *Izv. vys. ucheb. zav.; tevt. met.* 9 no. 1:124-128 '66.

BRONZE AGE

(see also subdivision under Poland, Ukraine, Western)

The Bronze Age in the U.S.S.R. S. V. Kleselev. *Mat. i issl. po arkheol. SSSR* no. 130:17-60 '65.

BRONZE FOUNDRY—DEFECTS

Mechanized welding up of defects in the bronze castings. V. M. Ilushenko and others. *Avtom. svay.* 19 no. 2:64-66 F '66

BRUCELLOSIS

(see also subdivision under Azerbaijan)

Hemorrhages in brucellosis patients. I. I. Shushkovskii. *Sov. med.* 27 no. 5:100-112 M; '64.

BRUCELLOSIS IN CATTLE

Comparative evaluation of various methods used to rid farms of brucellosis of cattle. E. I. Butkin. *Trudy Moskv. vet. akad.* 10 no. 2 pt. 1:82-72 '57

Differentiation between healthy animals and animals with brucellosis in a vaccinated herd. E. I. Butkin. *Trudy Moskv. vet. akad.* 10 no. 2 pt. 1:73-78 '57

Experiments in treating cows with brucellosis with biomyxin E. I. Butkin. *Trudy Moskv. vet. akad.* 10 no. 2 pt. 1:79-85 '57

BRUSHES, ELECTRIC

Wear of the brushes of the ship's electric machines. A. Neupokoev. *Mor. flot* 26 no. 2:30-32 F '66.

BRUSSELS—BUILDINGS—MAINTENANCE AND REPAIR

Padoiro method used in the reconstruction of the "Continental" building in Brussels. R. S. Pogonov. *Nauch. trudy AKKH* no. 31 Zhil. khoz. no. 3:146-148 '64.

BRUSSELS—EXHIBITIONS

Expo-58. "The 1958 World Fair in Brussels." I. S. Niko-lasov, N. P. Mel'nikov. Reviewed by I. U. Stepanov. *Sov. arkhit.* no. 17:195-198 '66.

BRYANKA VALLEY—DIKES (GEOLOGY)

Dikes of the Bryanka basin (western Transbaikalia). V. A. Bezrukov. *Mat. po geol., geofiz. i geokhim. Ukr., Kazakh., Zhabik.* no. 2:123-127 '64.

BRYANKA VALLEY—GRANITE

Radioactivity of granitoids of intrusive complexes of different age in the Bryanka basin (western Transbaikalia). A. E. Evgrafov, V. A. Slipchenko, V. I. Tsybul'skii. *Mat. po geol., geofiz. i geokhim. Ukr., Kazakh., Zhabik.* no. 2:138-142 '64.

BRYANKA VALLEY—RADIOACTIVE SUBSTANCES

Radioactivity of granitoids of intrusive complexes of different age in the Bryanka basin (western Transbaikalia). A. E. Evgrafov, V. A. Slipchenko, V. I. Tsybul'skii. *Mat. po geol., geofiz. i geokhim. Ukr., Kazakh., Zhabik.* no. 2:138-142 '64.

BRYANSK—PACKINGHOUSES—EQUIPMENT AND SUPPLIES

Introducing a mechanized washing of pig carcasses. V. I. Tsvarev. *Blul. tekhn. ekon. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform.* 10 no. 1:50-51 Ja '66.

Mechanized processing of pig carcasses with rounding. M. I. U. Bel'manov. *Blul. tekhn. ekon. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform.* 10 no. 1:51-52 Ja '66.

BRYANSK—SAUSAGES

Improving sausage production. M. B. Litamov. *Mias, ind. SSSR* 37 no. 1:10-11 '66.

BRYANSK PROVINCE—WATER—COMPOSITION

Chemical regime of rivers of Bryansk Province. N. N. Lapshina. *Shoi. rab. kuzek. gidromet. obsl.* no. 3:75-81 '65.

BRYOPHYTES

Species and abundance of bryophytes in the meadow plant communities depending on environmental conditions. V. A. Zaikova. *Bot. zhur.* 51 no. 1:50-63 Ja '66.

BUACHIDZE, SAMUIL GRIGOR'EVICH, 1892-1918

Dubinskii-Mukhadze, I. M. [Comrade Nol, a documentary story] *Tovarislich Nol, dokumental'naya povest'*. Tbilisi, Literatura da khelovneba, 1965. 177 p.

BUCKLE CHAMBER see subdivision under Dutna

BUBONOCELE see Hernia

BUCKWHEAT

(see also subdivision under Ryazan Province)

Buckwheat and millet. A. P. Ponomarev, D. T. Tsvarev. *Zakup. sel'khoz. prod.* no. 6:18-20 Je '65

Buckwheat on the "Uchkun" Collective Farm M. B. Amirov. *Zemledelie* 28 no. 1:7 Ja '66

Machine for water grading of buckwheat seed. F. I. An and others. *Tekhn. v sel'khoz.* 26 no. 2:15-16 F '66

BUCKWHEAT—FERTILIZERS AND MANURES see subdivision under Tula Province

BUDAPEST—PUPPETS AND PUPPET PLAYS

Music and puppets. N. Smirnova. *Sov. muz.* 30 no. 3: 128-135 M; '66.

BUDGET

(see also subdivision under Uzbekistan)

In the Collegium of the Ministry of Finance of the U.S.S.R. *Fin. SSSR* 40 no. 3:93-95 M; '66.

Liberman, I. A. G. [State budget and the problems of the socialist reproduction of the means of production] *Gosudarstvennyi budzhet i problemy sotsialisticheskogo vosproizvodstva*. Moskva, Finansy, 1966. 257 p.

Role of budget in the state monopoly regulation of economy. B. Boldyrev. *Fin. SSSR* 40 no. 3:91-89 M; '66

Successful fulfillment of the budget is our state duty. I. Fadeev. *Fin. SSSR* 40 no. 3:71-6 M; '66.

BUDS

Characteristics of the reproductive buds of geophytes in the Streletskiye Steppes P. S. P. I. Paderevskaya. *Bot. zhur.* 51 no. 1:100-104 Ja '66.

BUG VALLEY—MIGMATITES

Using geophysical observations in the characterization of the migmatization of Pre-Cambrian rocks. P. S. Verem'ev. *Geol. zhur.* 25 no. 6:76-82 '65

BUG VALLEY—PROSPECTING—GEOPHYSICAL METHODS

Using geophysical observations in the characterization of the migmatization of Pre-Cambrian rocks. P. S. Verem'ev. *Geol. zhur.* 25 no. 6:70-82 '65.

BULANOV, IVAN ANDREEVICH, 1896-1965

Ivan Andreevich Bulanov; an obituary L. Breshnev and others. *Zemledelie* 20 no. 1:89 Ja '66.

BUILDING

(see also subdivision under Kiev Province; Odessa)

Builders in the Russian Federation during the first year of the five-year plan. Na stol. Ros. 7 no. 1:1-2 Ja '66.

Exhibitions and displays of special items. *Inform. blul. VDNKH* no. 6:15-25 Ja '64.

Provide a scientific basis for the organization of work. G. Alekseev, V. Vodolitsynia. *Na stol. Ros.* 7 no. 1: 3-5 Ja '66.

BUILDING—COLD WEATHER CONDITIONS see subdivision under Russia, Northern

BUILDING--ESTIMATES

Guides materials on problems in the calculation of estimated costs and on computations of completed construction and mounting operations. Na stroitel'stvo 7 no.1:29 Ja '66.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Stroiizdat.

Pt.4. [Estimates] Smetnye normy. Vol.1, No.1, Ch.1. [General part] Obshchaya chast'. 1955. 149 p.

BUILDING--MECHANIZATION

Selecting optimal designs for overall mechanization according to the critical path method. L.I. Pashenin, A.G. Moskvitshev. Stroitel'stvo, 10 no.5:4-7 My '65.

BUILDING--SAFETY MEASURES

Filippov, N.P. [Safety manual for layout workers] Pamiatka po tekhnike bezopasnosti dlia razmetchika. Moskva, Stroiizdat, 1966. 13 p. (Tekhnika bezopasnosti v stroitel'stve)

Moscow Nauchno-issledovatel'skii institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stva. [Manual of safety engineering and industrial hygiene for construction and assembly operations] Spravochnoe posobie po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri stroitel'no-montaznykh rabotakh. Bd.2., pecha i dop. Pod red. A.S.Toropova. Moskva, Stroiizdat, 1966. 433 p.

BUILDING FAILURES

Lessons of a breakdown. N. Zolotnitskii, G. Mikhailova. Na stroitel'stvo, 7 no.1:27 Ja '66.

BUILDING MACHINERY see Construction equipment

BUILDING MACHINERY INDUSTRY see Construction equipment industry

BUILDING MATERIALS

(see also subdivision under Mangyshlak Peninsula, Moldavia, Moscow, White Russia)

Basic objectives of the building ceramics industry in 1969-1970. Slek. i kor. 23 no.3:2-3 Mr '66.

Beiczin, S.I. [Principles of the setting of technical standards for the use of materials in construction] Osnovy tekhnicheskogo noi mit ovanila raskhoda materialov v stroitel'nom proizvodstve. Moskva, Stroiizdat, 1966. 122 p.

Diagun, L.I. [Manual on the supplying of materials and equipment in construction] Spravochnik po material'no-tekhnicheskoiu snabzheniu stroitel'stva. Minsk, Belarus', 1966. 420 p.

Industrial wastes should be utilized in building. V. Kravchenko. Sil. bud. 15 no.3:19 Mr '65.

Large-panel elements of concrete. P. Eremenchuk, I. Kolotilov. Stroitel'stvo 12 no.4:35-30 Ap '64.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirements as to the quality of mineral raw materials, a handbook for geologists] Trebovaniia promyshlennosti i kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Moskva, Nedra.

No.30. Orlov, A.M. [Natural facing materials] Prirodnye oblitovочnye materialy. Nauchn. red. A.P.Davidovich. 1965. 52 p.

BUILDING MATERIALS--CLASSIFICATION

Practice in the technological classification of minerals for the building material industry. M. B. Givgiovich, Razved. i okh. nedr. 32 no.2:4-8 F '66.

BUILDING MATERIALS--CORROSION

Classification of building materials according to the degree of their susceptibility to various kinds of oxidation corrosion. B.I. Borisov. Zhur. prikl. khim. 39 no.2:338-344 F '66.

BUILDING MATERIALS--EXHIBITIONS

For the attention of builders. Inform. biul. VDNKh no.4. 22 Ap '66.

BUILDING MATERIALS--TESTING

Thermal decomposition of "Reila" flooring. O. Dubov, P. Sheglov. Pozh. delo no.1:28-29 Ja '66.

BUILDING MATERIALS--THERMAL PROPERTIES

Heat conductivity of porous building materials taking into account phase moisture changes. P. V. Ushkov, I. A. Aleksandrov. Nauch. trudy AKKI no.31 Zhil. khoz. no.3:136-145 '64.

BUILDING MATERIALS--TRANSPORTATION

Methodology of determining the efficient distance of automotive transportation of structural parts and materials for small engineering structures in the construction of second tracks. A.S. Kriukov. Sbor. trud. LIZIT no.234:18-33 '65.

BUILDING MATERIALS INDUSTRY

(see also subdivision under Minsk; Siberia, Western; Uzbekistan)

Fulfill the state plan and your socialist obligations with honor. Stroitel'stvo, 12 no.3:1-2 Mr '66.

In the Ministry of the Building Materials Industry of the U.S.S.R. and the Presidium of the Central Committee of Trade Unions Stroitel'stvo 12 no.3:11 Mr '66.

The Institute and production efficiency. A.K. Braznuskas. Stroitel'stvo 12 no.3:7-8 Mr '66.

BUILDING MATERIALS INDUSTRY--EQUIPMENT AND SUPPLIES

Geishelb, A.K., and G.A. Dralo. [Mobile dismantlable keramizirui in rural construction] Peredvizhnaia sbornorazbivnaia keramizirovala ustanovka v sel'skom stroitel'stve [Omsk] Omskoe knizhnoe izd-vo, 1963 17 p.

[MICROFILM]

Kibovskii, T.N., and F.A. Lapin. [New equipment for manufacturing building materials, a survey] Novoe oborudovanie dlia proizvodstva stroitel'nykh materialov, obzor. Moskva, Nauchno-issl. i informatsii po stroitel'stvo, dorozhnomu i kommunal'nomu mashinostroeniiu, 1965. 152 p. (Seria II: Oborudovanie dlia promyshlennosti stroitel'nykh materialov)

[MICROFILM]

BUILDING MATERIALS INDUSTRY--EXHIBITIONS

Finishing of apartment houses is an art. P. Kornienko. Inform. biul. VDNKh no.4:20-21 Ap '66.

BUILDING MATERIALS INDUSTRY--FINANCE

Establishing norms for specific capital investments in the industry of wall materials. V. Usimlenko. Inform. biul. VDNKh no.1:21-22 Ja '66.

BUILDING MATERIALS INDUSTRY--HYGIENIC ASPECTS

see subdivision under Kuybyshev

BUILDING MATERIALS INDUSTRY--WATER SUPPLY

Using water discharged from vacuum pumps in slake production. L.S. Bolaznyi. Stroitel'stvo, 12 no.3:18 Mr '66.

BUILDING TRADES--STUDY AND TEACHING

Acquainting students with the elements of construction work. I.P. Krivonos. Nach. shkola 34 no.3:35-38 Mr '66.

BUILDINGS--FOUNDATIONS

Obstructions on existing design specifications for foundation beds of buildings and structures. G.I. Ter-Stepanian, V.Kh. Gukhman. Gidr. stroit. 36 no.2:45-47 F '66.

BUILDINGS--REPAIR AND CONSTRUCTION see subdivision under Leningrad

BUILDINGS, PREFABRICATED see subdivision under Caucasus, Northern; Leningrad

BUKHARA--CLOTHING INDUSTRY--MANAGEMENT

A foreman's concerns and reflections. I. Makstomova. Ekon. i zhizn' 8 no.2:16-48 F '66.

BUKHARA--HISTORY

The "History of Bukhara" by Narshakhi. O.I. Shirokova. Krat. soob. Inst. nar. Az. no.49:155-179 '65.

BUKHARA PROVINCE--ROAD CONSTRUCTION

An automobile road in the desert. E. Karimov, N. Uratov. Ekon. i zhizn' 8 no.1:58-61 Ja '66.

BUKHARITAB, ABRAM ISAAKOVICH, 1884-1964

A.I. Bukharitab; obituary. Prom. energ. 90 no.4:82 Ap '66.

BUKOVINA--ANTHRISCUS

Tetragonolobus siliquosus (L.) Rath. and Anthriscus longirostris Bertol. in Chernovits Province. IU.R. Sheilah-Sosonko. Ukr. bot. zhur. 22 no.1:88-89 '65.

BUKOVINA--ANTIQUITIES

Monuments of the early Goligrady type near the village of Magala. G.I. Smirnova. Krat. soob. Inst. arkheol. no.105:100-118 '66.

BUKOVINA--HISTORY

Revolutionary events in Bukovina during the Revolution of 1905. P.V. Mykhailyna. Ukr. ist. zhur. 10 no.1:114-116, Ja '66.

BUKOVINA--LOTUS

Tetragonolobus siliquosus (L.) Rath. and Anthriscus longirostris Bertol. in Chernovits Province. IU.R. Sheilah-Sosonko. Ukr. bot. zhur. 22 no.1:88-89 '65.

BULBS (BOTANY) see subdivision under Kirovsk region

BULGARIA--ANTIQUITIES

Archaeological studies of 1963 in southern Bulgaria. N. IA, Mersper. Krat. soob. Inst. arkheol. no.100:10-28 '65.

BULGARIA--BIBLIOGRAPHY

[New literature on Bulgaria] Nov. lit. po Bolg. nos.2-3 '66.

BULGARIA--BOOKSELLERS AND BOOKSELLING

Promotion of bookselling in Bulgaria. Spas Paskalev. Knizh. tovg. 16 no.12:34-37 D '65.

BULGARIA--COMMERCE

On the eve of the new five-year plan. A. Kerkovich. Vnesh. tovg. 46 no.3:12-18 '66.

BULGARIA--DISABILITY EVALUATION

Invalidity following diseases of the nervous system in the People's Republic of Bulgaria during the period 1959-1961. P.P. Penchev. Trudy LIETIN no.18:73-79 '65.

BULGARIA--ECONOMIC POLICY

Economics of Bulgaria is on the rise. Liuben Petrov. Sov. profsoyuzy 22 no.3:38 F '66.

BULGARIA--ELECTRIFICATION

Electrification in the People's Republic of Bulgaria. K. Dmitrov. Elektrichestvo no.3:85-88 Mr '66.

BULGARIA--FOREIGN ECONOMIC RELATIONS

Cooperation is a powerful factor in the development of socialist countries. Stanko Todorov. Kommunist 42 no.3:102-105 F '66.

BULGARIA--GAS FIELD DEVELOPMENT

Character of reservoirs in the Chirpenskoye gas condensate field (Bulgaria) and possibilities of intensifying gas production. G.D. Georgiev. Gaz. delo no.1:31-38 '66.

BULGARIA--INDUSTRIES

On the eve of the new five-year plan. A. Kerkovich. Vnesh. tovg. 46 no.3:12-18 '66.

BULGARIA--IRRIGATION

Irrigation pumping stations in Bulgaria. V. Konstantinov. St. Popov. Gidr. i mel. 18 no.3:59-61 Mr '66.

BULGARIA--LIBRARIES

Present-day status and prospects for the development of province libraries in Bulgaria. Kh. Khadzhi-kiristov. Bibliotekoved. i bibl. za rub. no.17:3-29 '65.

BULGARIA--NERVOUS SYSTEM--DISEASES

Invalidity following diseases of the nervous system in the People's Republic of Bulgaria during the period 1959-1961. P.P. Penchev. Trudy LIETIN no.18:73-79 '65.

BULGARIA--PHARMACY

Progress of Bulgarian pharmacy since September 9, 1944. I. Borov. Apt. delo 14 no.3:90-88 My-Je '66.

BULGARIA--RELATIONS (GENERAL) WITH THE UKRAINE

Ukrainian relations to the uprising of September, 1923 in Bulgaria. Sh. Faizilov. Ukr. ist. zhur. 10 no.2:53-60 F '66.

BULGARIA--TEACHING

Activation of teaching is our important task. V. Khristov. Nar. obr. no.3:94-96 Mr '66.

BULGARIAN FOLK MUSIC see Folk music, Bulgarian

BULGARIAN LITERATURE--HISTORY AND CRITICISM

A book from the period of Bulgarian national revival. G.K. Venediktov. Sov. slav. no.2:50-60 '66.

BULGARIAN REFUGEES see Refugees, Bulgarian

BULGARIANS see subdivision under Kazakhstan

BULLFINCHES see subdivision under Yamarovka region (Chita Province)

BULLS

Dilation of herd bull sperm. V. A. Kolnash. Vest. sel'khoz. nauk 10 no.6:72-75 Jo '65.

BUNT (DISEASE OF WHEAT) see Smuts

BUONARROTI, MICHEL ANGELO, 1475-1564

Proportions of the human body according to Michel Angelo Buonarroti. N.S. Mekhanik. Arkh. anat., giat. i embr. 50 no.1:102-111 Ja '66.

BUREAUCRACY see subdivision under Indonesia

BURNERS

Placement of the burner in the combustion chamber of a boiler unit. P.I. Pisarenko. Teploenergetika 13 no.1:52-50 Ja '66.

BURNS, ROBERT, 1780-1786

Rait-Kovaleva, R. IA. [Robert Burns] Robert Burns. [3. izd.] Moskva, Molodnaya gvardia, 1965. 349 p. (Zhizn' zamchatel'nykh liudel. Seria biografii, no.26(27))

BURNS AND SCALDS

Clinical X-ray pattern of pathological changes of the locomotor apparatus in burns. A.I. Kurbatov. Kibn. khir. no.6:61-64 '65.

BURNS AND SCALDS (Continued)

Direct intravascular blood transfusion in cases of burns F. A. Davudyan, Khim. zhur. 10, 10-17 '65

Study of disorders of protein synthesis in experimental burn disease, T. L. Zalts, Vop. med. khim. 12 no. 1 65-71 Ja-F '65

Thermal burns of the scalp, L. G. Selezneva, Talant. Khusein Abdull'fatkh, Khim. zhur. 10, 17-19 '65

Treatment of burns on children at a polyclinic M. E. Roshal', Azerb. med. zhur. 43 no. 3 60-63 Mr '66

BURNS AND SCALDS—COMPLICATIONS AND SEQUELAE

Surgical treatment of cicatricial contractures of the hand following deep burns, G. I. Dmitriev, Otolop., travm. i murtz. 27 no. 3 35-40 Mr '66

BURSOV, BORIS IVANOVICH, 1906—BIBLIOGRAPHY see Bibliography—Bursov, Boris Ivanovich, 1906

BURYAT A. S. S. R.—CONSTITUTIONAL HISTORY

Buriat A. S. S. R. Verkhovnyi Sovet, (Anniversary session of the Supreme Soviet of the Buriat A. S. S. R. dedicated to the 40th anniversary of the Buriat Autonomous Soviet Socialist Republic) Jubilelnaya sessiya Verkhovnogo Soveta Buriatskoi ASSR, posvashchennaya 40-letnuyubrazovaniyu Buriatskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki, Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1963, 202 p. (CS-11)

BURYAT A. S. S. R.—PALYNOLOGY

Miocene spore-pollen complexes of Mount Dzoroy-Uldz-Khiraia in western Buriatia S. S. Ljil'eva, N. L. Sorokina, S. V. Sibirskiy, Mat. po geol., geofiz. i geokhimi. Uda., Kazakh, Zabzd. no. 2 70-77 '64

BUS CONDUCTORS (ELECTRICITY)

Oscillations of current conducting busbars in an arrangement of conductor phases at different places M. I. Sirelikh, Izv. vys. ucheb. zav. i nauch. 9 no. 3 6-12 Mr '66

Studying plasma cutting of aluminum in the making and installation of bus conductors of electric power plants, V. V. Andreev, Energ. stroit. no. 7 70-71 '65

BUSINESS CYCLES

Mechanism of modern cycle, S. Men'shikov, Mir, ekon. i mezhdunar. otn. no. 4 65-68 '65

BUSINESS ENTERPRISES

[Branch production combines in industry] Otkrytoye proizvodstvennoye ob'edineniye v promyshlennosti Moskva, Ekonomika, 1965, 161 p.

Characteristics of the economic contact as instrument of the plan V. G. Vozdnikov, Sov. gos. i pravo 36 no. 4 63-70 Ap '66

Correlation of administrative and economic methods when regulating business relations, S. N. Batus', Sov. gos. i pravo 36 no. 3 24-31 Mr '66

A firm's phonorecord stores, L. Sholokhov, Sov. tolg. 39 no. 1 31-32 Ap '66

BUSINESS ENTERPRISES—MANAGEMENT

Discussion of the problems of regulating business relations, E. P. Sov. gos. i pravo 36 no. 3 135-137 Mr '66

Legal responsibility of a higher organ in the province of administration-management relations, V. K. Mamutov, Sov. gos. i pravo 36 no. 3 44-52 Mr '66

BUSINESS MATHEMATICS

Mathematical economics, F. Didelkha, A. Korbul, NTO 8 no. 2 10-21 F '65

BUTADIENE

Addition of amines to butadiene, G. T. Martirosian, E. A. Grigorian, A. T. Babayan, Izv. AN Arm. SSR, Khim. nauki 17 no. 5 517-521 '64

Analysis of the products of hydrocarboxylation of butadiene by paper chromatography, B. E. Kuvayev, N. S. Ismailov, Zhur. anal. khim. 21 no. 2 221-226 '66

Polarographic study of the distribution coefficients of acetonitrile in the systems water-isoprene and water-bisvinyl, A. I. Tsutan, T. A. Cheremukhina, T. V. Mikhailova, Zhur. prikl. khim. 39 no. 2 463-461 F '66

Stereospecific polymerization of butadiene under the effect of the system $AlCl_3 - CoCl_2$ and the role of electron-donor additions, K. G. Messerov and others, Dokl. AN SSSR 166 no. 5 1111-1113 F '66

BUTADIENE POLYMERS

Compatibility of polymers in the form of aqueous dispersions, Part I. Effect of the nature of protective substances and the degree of surface covering of globules on the colloid-chemical properties of butadiene-styrene latex compounds, D. M. Krastoleva and others, Koll. zhur. 28 no. 1 78-82 Ja-F '66

Composition of Rh(III) complexes as influencing their catalytic activity in the process of stereospecific polymerization of 1,3-butadiene in aqueous solution, A. A. Grinberg and others, Dokl. AN SSSR 167 Mr '66

BUTADIONE—THERAPEUTIC USE

Butadione in antiparasitic therapy, U. Z. Kreindlin, Khim. zhur. 42 no. 3 111-116 Mr '66

BUTADIENE

Analysis of the diacetylene series, I. N. Azerbayev, B. F. Gusev, V. V. Tatarchuk, Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 3 87-91 Ji-S '64

Highly unsaturated polymers. Report no. 17. Polynuclear noncondensed diethylenes I. L. Kotliakovskiy and others, Izv. AN SSSR Ser. khim. no. 2 302-303 '66

Precipitation of diacetylene derivatives of the 1,2-diphenyl-ethane and 1,4-diphenylbutane series I. L. Kotliakovskiy, S. I. Shcheglov, A. S. Zaitina, Izv. AN SSSR, Ser. khim. no. 2 378-380 '66

BUTANE

(see also subcategory under Caucasus, Northern)

Liquid-phase oxidation as a modern method of processing n-butane, F. Z. Bocharov and others, Gaz. delo no. 1 38-41 '68

Removal of sulfides from isopentane by means of hydrogenation, O. V. Bogdanova, A. P. Leushin, O. M. Penkina, Khim. prom. 41 no. 11 815-816 N '65

BUTANEDIOL

Catalytic dehydrogenation of 1,4-butyleneglycol, O. F. Bogdanov and others, Dokl. AN SSSR 167 no. 1 95-98 Ji '66

Mechanism of the liquid-phase dehydration of 3-methyl-1,3-butanol to isoprene, V. Z. Shur and others, Neftekhimiya 5 no. 3 368-372 Vy-Je '65

BUTANEDIOL—THERAPEUTIC USE

Treatment of erythremia with myelosan, B. P. Shvedskiy, N. V. Nikolova, Sov. med. 27 no. 5 70-72 Mr '64

BUTANEDIONE

Constitution of the product of polycondensation of diacetyl and p-phenylenediamine, M. N. Shitokova, A. L. Iakubchik, Vysokom. soob. 8 no. 2 317-318 F '66

BUTENE

Catalytic dehydrogenation of isomylones to isoprene, O. K. Bogdanova, and others, Khim. prom. 42 no. 3 174-175 Mr '66

Complex compounds of 1,4-dicyano-2-butene with $CuCl$ and $CuBr$, S. K. Sinilov, L. L. Gal'perin, O. G. Strukov, Zhur. neorg. khim. 11 no. 3 564-570 Mr '66

Mechanization of lubricant thickening by polyisobutylene, S. A. Faramazov and others, Nefteprom. i neftekhim. no. 2 52-53 '66

Synthesis of 1-arylbuten-2-ylcyanoacetic esters, M. M. Lukhomenko, N. I. Ganshchik, A. V. Dembrovskiy, Ukl. khim. zhur. 32 no. 1 61-63 '66

BUTENOL

Determination of 2-methyl-1-buten-4-ol and water in dimethylolazane, S. LA. Krasava, A. M. Rozhnov, D. N. Andreevskiy, Neftekhimiya 5 no. 1 621-623 Ji-Ag '65

BUTENYNE

Chemistry of vinylacetylene, Part 52. Acetylene-allene-cumulative rearrangement in the nucleophilic substitution of chlorine in methyl ethyl vinyl ethyl chloromethane by amines, S. A. Vaitanin, Sh. O. Badamian, A. V. Mushegian, Izv. AN Arm. SSR, Khim. nauki 17 no. 5 505-512 '64

Synthesis of vinylacetylenic aromatic hydrocarbons from unsaturated ketones, T. G. Shishmukova, M. I. Baidamova, I. L. Knitarskiy, Izv. AN SSSR, Ser. khim. no. 2 360-362 '66

BUTOV, PAVEL IL'ICH, 1882-1939

Pavel Il'ich Butov, on the 60th anniversary of his birth, A. I. Dzenn-Litovskiy, M. I. Kumardzhi, N. I. Tolstikhin, Zap. LGI 48 no. 2 1-7 '65

BUTTER MAKING

Nikulich, P. V. [New developments in the equipment and technology of the butter-making industry] Novoe v tekhnike i tekhnologii maslodol'not promyshlennosti, Moskva, Pishchevala promyshlennost', 1965, 60 p. (Lektoria dlia zaochnogo obucheniia)

BUTTERFAT—ANALYSIS

Polysaturated acids in cow butterfat, V. P. Aristova, Vest. sel'khoz. nauk 10 no. 6 79-84 Je '65

BUTYL HYDROPEROXIDE

Interaction of diisopropylmercury with tert-butyl hydroperoxide and benzoyl peroxide, G. A. Razuvaev and others, Zhur. ob. khim. 36 no. 2 256-261 F '66

BUTYL PEROXIDE

Reaction of cyclohexane with allyl alcohol initiated by di-tert-butyl peroxide, L. Kh. Fridlin, M. M. Nazarova, D. L. Badalova, Neftekhimiya 5 no. 4 554-557 Ji-Ag '65

BUTYL PHOSPHATES

Complex formation in nonaqueous solutions, Part 7. Extraction of neptunium (V) by tributyl phosphate, V. V. Usachov, A. A. Chukhorskii, Radiokhimiya 8 no. 1 18-51 '66

Electronic absorption spectra of cerium (III) salts in a mixed water-tributyl phosphate solvent and in pure tributyl phosphate, I. M. Batraev, V. V. Pal'chayevskiy, L. P. Zhelezova, Vest. LGU 21 no. 1 91-97 '66

Interaction of niobium and tantalum chlorides with tributyl phosphate, O. I. Kol'tsov and others, Zhur. neorg. khim. 11 no. 3 677-678 Mr '66

Mutual effect of allyl nitrate and thorium nitrate in a simultaneous extraction with tributyl phosphate, A. V. Nikolov, A. I. Itinbin, Izv. A. Afanas'ev, Izv. SO AN SSSR no. 11 Ser. khim. nauk no. 3 60-62 '61

System $TiCl_4 - HCl -$ tributyl phosphate, V. N. Stashev, F. I. Kiylov, Izv. A. Korvin, Zhur. neorg. khim. 10 no. 10 2367-2371 O '65

BUTYRIC ACID

Effect of lithium carbonate and aminarlin on γ -aminobutyric acid content in the brain tissue, R. A. Komisarova, Ukl. biokhim. zhur. 38 no. 1 59-61 '66

Role of adsorption in the electrochemical reduction of biomoacetic and α -bromobutyric acid esters on mercury, A. B. Tishler and others, I. L. Khim. khim. 2 no. 3 319-328 Mr '66

BUTYRIC ACID—PHYSIOLOGICAL EFFECT

Effect of sodium salt of γ -hydroxybutyric acid on the inhibition of the knee reflex, N. A. Kiyglov, R. I. Kvanol, Biol. eksp. biol. i med. 61 no. 1 56-58 Ja '66

BUZOVNY-MASHTAGI OIL FIELD—OIL FIELD FLOODING

Some results of using artificial methods in the development of a pool in the Sub-Khankasi series of the Buzovny-Mashtagi field, R. Kh. Vaylova, G. I. Ibrayev, Izv. vys. ucheb. zav. i nauch. 9 no. 1 15-17 '66

BYKOV, KONSTANTIN MIKHAILOVICH, 1889-

In memory of Academician K. M. Bykov, on the 60th anniversary of his birth, Z. M. Volynskiy, E. M. Kvanol, Voen.-med. zhur. no. 2 91-95 F '66

BYLNY

Astakhova, A. M. [Byl'ny; results and problems of study] Byl'ny, Itogi i problemy izucheniia, Moskva, Nauka, 1966, 280 p.

BYZANTINE EMPIRE—HISTORY

Problem of a Byzantine emperor's flight to Galich in 1204, M. F. Kotlar, Ukr. ist. zhur. 10 no. 3 112-117 Mr '66

BYZANTINE STUDIES

The All-Union Session of the Students of Byzantine History, M. B. Ukl. ist. zhur. 10 no. 3 147-149 Mr '66

The Seventh All-Union Conference of the Students of the Byzantine Empire, K. A. Osipova, Vop. ist. 41 no. 4 127-129 Ap '66

CADALA

Cadala and Hasidism, F. S. Malinavskiy, Mezhev. illos. sbor. Kish. un. no. 1 117-167 '64

CABBAGE

(see also subcategory under Azerbaijan)
Cultivation practices in the growing of cabbage seeds, N. Golovkina, Inform. bliz. VDNKII no. 1 26-27 Ja '66

CABBAGE—VARIETIES

True nature of one of so-called vegetative cabbage hybrids, U. V. Margna, Genetika no. 2 123-129 '66

CABLEWAYS

Study of some work parameters of the cable-drawing pulley designed by B. I. Dobromyslov, A. G. Pirokhorenko, Izv. vys. ucheb. zav. i nauch. zhur. 8 no. 6 82-87 '65

CADAVERS

Possibility of charring cadavers with hot air, R. I. Kandibur, Sud.-med. eksp. i. 0 no. 1 15-17 Ja-Mr '66

X-ray expertise on the age of mummified cadavers, V. M. Smol'taninov, S. A. Zhdanova, M. A. Kirova, Sud.-med. ekspert 9 no. 1 3-7 Ja-Mr '66

CADMIUM see subcategory under Soviet Central Asia

CADMIUM COMPOUNDS

Solubility of Cd in fused $CdCl_2 - ZnCl_2$, U. I. Rodionov, V. R. Klokman, Radiokhimiya 8 no. 1 59-63 '66

CADMIUM COMPOUNDS—SPECTRA

The new highly sensitive photoconductor $CdIn_2Te_4$, O. M. Bilaliev, O. V. Llubchenko, I. V. Potykevych, Ukr. fiz. zhur. 11 no. 2 219-221 F '66

CADMIUM-INDIUM-ARSENIC ALLOYS

Cd - In - As system. Kh. D. Koppel, N. P. Luzhnaia, Z. S. Medvedeva. Zhur. neorg. khim. 10 no. 10:2315-2318 O '65.

CADMIUM IODIDE

Interaction of cadmium arsenide with cadmium iodide. N. P. Luzhnaia, Z. S. Medvedeva, Kh. D. Koppel, Zhur. neorg. khim. 10 no. 10:2370-2373 O '65.

CADMIUM-PHOSPHORUS ALLOYS—ELECTRIC PROPERTIES

Preparation of cadmium phosphide CdP_3 and its electric properties. I. S. Kovaleva, A. V. Dmitriev, I. A. Zhirzhiko. Izv. AN SSSR. Neorg. mat. 2 no. 2:103-104 F '66.

CADMIUM SELENIDE CRYSTALS

Determining the parameters of "sensitizing" recombination centers in CdS and $CdSe$ single crystals. V. II. Lashkar'ov and others. Ukr. fiz. zhur., 11 no. 2:221-224 F '66.

CADMIUM SULFIDE

Absorption of cadmium sulfide from hydroxides at the liquid-gas interface. G. S. Lutsanova, S. G. Mokushin. Koll. zhur. 28 no. 1:70-75 Ja-F '66.

CADMIUM SULFIDE CRYSTALS

Determining the parameters of "sensitizing" recombination centers in CdS and $CdSe$ single crystals. V. II. Lashkar'ov and others. Ukr. fiz. zhur., 11 no. 2:221-224 F '66.

CADMIUM SULFIDE CRYSTALS—GROWTH

Production of CdS single crystals, and their structural and electrophysical properties. I. D. Konozenko and others. Ukr. fiz. zhur., 11 no. 2:171-170 F '66.

CADMIUM SULFIDE CRYSTALS—PHOTOELECTRIC PROPERTIES

Effect of the crystalline structure of thin films of cadmium sulfide on its photoelectric properties. K. V. Shalimova, L. P. Pavlov, I. A. Karotnikov. Izv. vuz. ucheb. zav., fiz., 9 no. 1:132-140 '66.

CADMIUM TELLURIDE

Some properties of film-type photoelectric transistors on the basis of cadmium telluride. R. N. Tykvenko. Geliotekhnika no. 1:30-33 '66.

CADMIUM-ZINC ALLOYS see Zinc-cadmium alloys

CAFFEINE

Effect of caffeine on the electroencephalographic reaction following superhigh frequency pulse field action on the intact and isolated rabbit brain. IU. A. Khodolov, I. N. Zenina. Trudy Lab. elektronag. i opt. rad. AN SSSR no. 2:33-38 '64.

Study of the effect of inorganic substances on the solubility of medicinal compounds. O. P. Brazhnykova, V. P. Shusikov. Farmatsev. zhur. 10 no. 6:30-41 '65.

CAISSONS

Building caissons on the Krivoy Rog ore basin. A. IA. Torgovitski, Shakh. stol. 10 no. 2:10-23 F '66.

Repairing holes by the use of a caisson during navigation in ice. P. Mitroshchenko. Mor. flot 26 no. 2:33-34 F '66.

CALCIFICATION

Case of bone formation in the center of a compound tumor of the parotid gland. O. V. Babashev. Azerb. med. zhur. 41 no. 12:53-58 D '64.

CALCITE

Simplest mechanical mounting and goniometry of large calcite crystals. A. V. Shustov. Zap. Vses. min. ob-va 55 no. 1:102-105 '66.

CALCIUM

Studying the continuous drying of calcium stearate in a fluidized bed. N. I. Gelp'erin, O. I. Podgaevskaya, N. N. Batorov. Masl. zhur. prom. 32 no. 1:21-23 Ja '68.

CALCIUM—EFFECT ON PLANTS see Plants, Effect of calcium on

CALCIUM BORATES

"Volkovskite," a new hydrous calcium borate. V. V. Kondrat'eva, I. V. Ostrovskaia, IA. IA. IArzhemskii. Zap. Vses. min. ob-va 85 no. 1:45-50 '66.

CALCIUM CARBIDE

Preparation of polymers with a conjugation system by reaction of calcium carbide with dibromo derivatives. IA. M. Pauskhin, IU. IA. Maikov. Vysokom. soed. 8 no. 2:339-342 F '66.

CALCIUM IN THE BODY

Absorption of some calcium compounds from the gastrointestinal tract and their effect on the assimilation of radiostrontium in rats. Z. V. Dubrovina. Radiobiologiya 6 no. 1:78-80 '66.

CALCIUM ISOTOPES IN THE BODY

Radiobiologic indices of the distribution of calcium isotopes (Ca^{45}) in the tubular bones of dogs during the healing of fractures. A. D. Belov. Trudy Mosk. vet. akad. 22 no. 2:47-51 '58.

CALCIUM OXIDES

Application of the non-destructive method in the analysis of basic open-hearth furnace slags. Determination of CaO and FeO . N. P. Ovchinnikov, L. I. Ganaga. Izv. vuz. ucheb. zav. khim. i tekhn. 8 no. 6:898-901 '65.

CALCIUM SULFATE

Effect of sodium chloride on the properties of calcium sulfate β -hemihydrate. A. T. Logvinenko, M. A. Savinina, IA. A. Ogloblina. Izv. SO AN SSSR no. 11 Sci. khim. nauk no. 3:117-153 '63.

CALCIUM SULFITES

Diffusion coefficients of calcium ions in water-saturated wood from a solution of calcium bisulfite in sulfuric acid measured by radioactive-tracer technique. I. E. Arskin, A. B. Polak, M. G. Elashberg. Koll. zhur. 28 no. 1:11-13 Ja-F '66.

CALCIUM TITANATES

Dependence of the residual charge in calcium titanate on the charging conditions. N. E. Zayev, R. P. Kur'min. Izv. vuz. ucheb. zav., energ. 9 no. 3:108-110 M '66.

CALCIUM TUNGSTATE CRYSTALS—SPECTRA

Absorption and luminescence spectra of the P^{3+} ion in the $CaWO_4$ single crystal. I. B. Aizenberg, I. Z. Gifmanov, A. L. Stokov. Izv. vuz. ucheb. zav., fiz. 9 no. 1:15-53 '66.

CALCIUM TUNGSTATES

Stability in the system calcium tungstate and $Li_2Na_2K_2ClO_4$. S. I. Berul', A. I. Krinkova. Zhur. neorg. khim. 10 no. 10:2320-2332 O '65.

CALCULATING MACHINES

Shkov, M. V. [Electronic multiplying and computing attachments to the T-5MU and T-5MV tabulators] Elektronika umozhazhskhala i vychislitel'naya pristavka k tabulirov. T-5MU i T-5MV. Moskva, [Statistika] 1965 62 p. (DBC)

CALCULATING MACHINES—MAINTENANCE AND REPAIR

Savost'yanov, D. D. [Construction and repair of VK-2, VK-2m, and VK-3 calculating machines] Konstruktsiya i remont vychislitel'nykh mashin modeloi VK-2, VK-2m i VK-3. Izd. 2, pereizd. Moskva, Statistika, 1965. 166 p.

CALCULI

Chase of phlegmon of the small intestine produced by focal calculi. M. A. Kozlov, G. I. Frolov, Khirurgiya 42 no. 3:139-140 M '66.

CALCULI, BILIARY

Treatment of residual calculi with analgesin using M. A. Topil'tshchev's method. G. S. Pashayev. Azerb. med. zhur. 43 no. 1:57-60 Ja '66.

CALCULI, SALIVARY

Case of sialolithiasis. V. F. Mikheev, G. V. Egorova. Shoi. nauch. rab. vrachei Kar. ASSR no. 4:103-109 '62.

CALCULI, URINARY

(see also subdivision under Kallia)
Case of a giant calculus in the urinary bladder. R. K. Gananov. Azerb. med. zhur. 43 no. 1:85-88 Ja '66.
Some characteristics of the X-ray diagnosis of calculi in a solitary kidney. A. M. Voino-IAsenskii, V. M. Perelman. Sov. med. 27 no. 5:48-53 My '61.

CALCULUS, DIFFERENTIAL

Elkhongol'tsa, O. M. [Course in differential calculus] Kurs differentsial'nogo ischisleniya. Izd. 6. Moskva, Nauka. Vol. 1. 1966. 607 p.

CALCULUS, OPERATIONAL

One formula for operational calculus. I. A. Chagis. Trudy VZEL no. 28:50-54 '65.

CALCULUS OF DIFFERENCES see Difference equations

CALCULUS OF PREDICATES

Problem of resolution for a pure functional calculus of the first order. IU. Sh. Gurevich. Dokl. AN SSSR 166 no. 5:1032-1034 F '66.

CALCULUS OF TENSORS

Degeneration of the metric tensor in the special theory of relativity. V. S. Vanitskaya. Vestn. AN BSSR, Ser. fiz., mat. nav. no. 1:116-120 '65.

Theory of a neutral massive tensor field with spin 2. V. I. Ogilevskii, I. V. Polubriinov. Dokl. AN SSSR 166 no. 4:879-882 F '66.

CALCULUS OF VARIATIONS

Novoselov, V. S. [Variational methods in mechanics] Variatsionnye metody i mekhanika. [Leningrad] Izd-vo Leningr. univ., 1966. 66 p.

CALIFORNIA POPPY

Development of male and female gametophytes in the opium poppy (*Papaver somniferum* L.) and California poppy (*Eschscholzia californica* Cham.). V. O. Zaitseva. Upr. bot. zhur. 22 no. 1:54-59 '65.

CALLISTHENICS

Continuing discussion. V. I. Muratov. Teor. i prak. fiz. kult. 29 no. 3:53-56 M '66.

Efficacy of the various systems of physical training rest periods according to the tonometry data. I. V. Lovitskaya, S. L. Lugin. Teor. i prak. fiz. kult. 29 no. 3:11-14 M '66.

Labor productivity of workers engaged in physical education and sports. V. I. Zhodak. Teor. i prak. fiz. kult. 29 no. 2:61-63 F '66.

Psychological effect of industrial callisthenics. S. L. Felgh. Teor. i prak. fiz. kult. 29 no. 2:63-64 F '66.

CALORIMETERS

Experimental investigation of the heat conductivity of petroleum lubricants using a spherical calorimeter. A. K. Abas-zade, M. F. Efendiev. Azerb. neft. zhur. 44 no. 12:38-40 D '65.

CALORIMETRY

Calorimetric unit for determining the thermal effect of the reaction of fibrous materials with fluids. N. E. Kanaev, N. P. Dymalchuk, K. P. Mishchenko. Trudy LTITSBP no. 16:130-114 '65.

Identification of four varieties of *Bacillus brevis* var. CB based on the nature of thermograms. O. G. Zhai-kova and others. Ptki, biokhim. i mikrobiol. 3 no. 2: 183-186 Ma-Ap '66.

Method of calculating the correction for heat transfer between a calorimetric system and its environment in long duration reactions. T. V. Pominina, N. P. Dymarchuk, I. E. Pils. Trudy LTITSBP no. 16:71-73 '66.

CALVES—FEEDING AND FEEDS

(see also subdivision under Caucasus, Northern)

Structure of the weight gain in calves during various feeding periods. A. I. Khrapkovskii. Vest. sel'khoz. nauki 11 no. 3:105-110 Mr '66.

CAMELS

Wild camel *Camelus ferus* Przew., 1863, in the U. S. S. R. V. G. Gaptner. Zool. zhur. 45 no. 1:109-118 '66.

CAMERAS

Selecting the work program of the mechanism for automatic exposure setting in amateur cameras. K. R. Goldin. Opt. mekh. prom. 33 no. 2:1-4 F '66.

CAMPS

Day in a winter sports camp. Si. cd. spets. obr. 13 no. 3: 56-1 of cover M '66.

CAMS

Dynamic synthesis of a reduced cam mechanism taking the gap into consideration. L. N. Reshetov, V. A. Nikonov, T. I. Gorina. Izv. vuz. ucheb. zav., mashinostr. no. 1:10-15 '66.

Dynamic synthesis of an inverted cam mechanism. L. N. Reshetov, V. A. Nikonov, T. I. Gorina. Izv. vuz. ucheb. zav., mashinostr. no. 12:5-11 '65.

Wear of cam-type turning gears. K. K. Mal'nev. Vest. mashinostr. 40 no. 2:32-34 F '66.

CANADA—POULTRY BREEDING

Moscow. Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. [Studying practices in breeding work and hybridization in poultry raising of Canada; report of a Soviet agricultural delegation] Izucheniye opyta ptemennoi raboty i gibrizatsii v pilshevodstve Kanady; ochet sovetakoi sel'skokhoziaistvennoi delegatsii. Moskva, 1965. 52 p. (Nauchno-tekhnicheskoe sotrudnichestvo SSSR s zarubezhnymi stranami, no. 6) (DNAL)

CANADA THISTLE see Thistle, Canada

CANALS

(see also Volga-Baltic Canal)

Making the lining of a canal with reinforced concrete panels, and its performance. B. F. Beletskii. Energ. stroi. no. 5:42-46 '65.

CANALS—MAINTENANCE AND REPAIR

For further improvement of the operation of navigation structures. A. Subbotin, A. Chernyshev. Rech. transp. 23 no. 6:33-35 Ja '61.

CANALS—SURVEYING

Planning canals and roads without tracing. S. M. Kuznetsov. *Geod. i kart.* no. 2:30-35 F '66.

CANCER

Accumulation of Thio-TEPA in rat organs and its binding by the proteins of tumors and normal tissues. A. A. Perevoshchikova and others. *Vop. med. biol.* 12 no. 1 51-51 Ja-F '66.

Adrenocortical function in cancer patients and its significance before and after surgery. B. A. Agreva. *Izv. AN Azerb. SSR, Ser. biol. nauk* no. 3:131-133 '65.

Decrease in the effectiveness of radiotherapy for experimental tumors under the influence of some hemopoietic biostimulants. A. I. Nikolaev, M. N. Khassanbhanova. *Vop. onk.* 12 no. 3:57-60 '66.

Results of two years' work of the Children's Oncological Department. L. A. Durnov and others. *Vop. onk.* 12 no. 2:70-73 '66.

Significance of plethysmography in the diagnosis of malignant neoplasms. F. N. Zismanovich. *Klin. khir.* no. 6: 85-86 '65.

Spontaneous regression of malignant neoplasms. A. P. Butenko. *Vop. onk.* 12 no. 2:103-111 '66.

State of megakaryocytes of bone marrow in patients with breast cancer and cancer of the lungs following treatment with colloid Au¹⁹⁸. K. A. Agamova, M. I. Bilin. *Med. rad.* 11 no. 2:81-84 F '66.

Use of vitamin B₁₂ in an oncological clinic. N. R. Muilner. *Vop. onk.* 12 no. 2:98-103 '66.

CANCER—DIAGNOSIS

Diagnosis of hemorhagic cancer of the stomach. D. F. Blagovidov. *Khirurgiya* 42 no. 3:21-27 M '66.

Differential diagnosis of cavernous lung cancer. A. P. Kolesov and others. *Vop. onk.* 12 no. 3:3-11 '66.

Electrophysiological method of the diagnosis of breast tumors. T. D. Shigarev. *Vop. onk.* 12 no. 2:22-24 '66.

CANCER—PREVENTION

Prophylactic oncological examinations of the population conducted with the participation of hygienic activist groups of the Red Cross Society. T. A. Pantushenko. *Vop. onk.* 12 no. 2:79-81 '66.

CANCER CELLS

Effect of radioprotective agents (anoxia, cysteamine, and cystamine) on the sulphydryl group level in cells of Ehrlich's ascitic cancer. E. I. A. Graevskii, I. V. Nebrasova, A. G. Tarasenko. *Dokl. AN SSSR* 166 no. 4:974-977 F '66.

Signs of the atypism of stomach cancer cells in a cytological examination. I. A. Shevchenko. *Vop. onk.* 12 no. 2: 86-88 '66.

CANCER RESEARCH

Cytotoxic effect of antibodies on normal and cancer cells of man (in tissue culture). A. N. Kulagin, I. I. Podoplokov. *Vop. onk.* 12 no. 2:50-54 '66.

Effect of dipin on the absorption of radioactive iodine by the thyroid gland in rats. S. M. Volodarskii, V. A. Chernov. *Vop. onk.* 12 no. 3:60-63 '66.

Growth of Ehrlich's carcinoma following its subcutaneous inoculation simultaneously in two symmetrical points. A. A. Malan, P. A. Bulanov. *Dokl. AN BSSR* 10 no. 2, 138-139 F '66.

Growth rate of ascitic tumor. G. S. Degtiareva, M. L. Efimov. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 4 no. 1:80-82 Ja-F '66.

Some biochemical characteristics of the Jensen's sarcoma with acquired resistance to sarcolysine. N. A. Oreshnikova, M. A. Novikova, G. L. Zhdanov. *Dokl. AN SSSR* 167 no. 1:219-221 M '66.

Work of the International Committee for Clinical Classification of Tumors. A. I. Rakov, M. V. Dorfman. *Vop. onk.* 12 no. 3:109-114 '66.

CANDIDA (FUNGUS)

Ways of introducing Candida into the female genitalia. K. Kh. Akhmedova. *Vest. dermat. ven.* no. 5:55-58 '65.

CANDIDIASIS

Candidiasis as a complication of antibacterial therapy in pulmonary tuberculosis. L. G. Kovalenko. *Probl. tub.* no. 5:28-33 '65.

Clinical course of pulmonary tuberculosis complicated by candidiasis. Sh. A. Aitmov, O. O. Udril, A. S. Gapon'ko. *Probl. tub.* no. 5:24-28 '65.

CANNED FISH see Fish, Canned

CANNED FOOD see Food, Canned

CANNED FRUIT see Fruit, Canned

CANNED TOMATOES see Tomatoes, Canned

CANNING AND PRESERVING

(see also subdivision under Korenovsk District)

Kravtsov, I. S. [Home canning and preserving of food] *Domeshee konservirovaniye i khraneniye pishchevyykh produktov*. Odessa, Malak, 1965. 310 p.

CANNING AND PRESERVING—EQUIPMENT AND SUPPLIES

Inventions in the fishing industry. Ryb. khoz. 42 no. 2: 95-98 '66.

CANNING INDUSTRY

(see also subdivision under Armenia)

All-Union school of advanced practices in the production of canned food for children. *Kons. i ov. prom.* 21 no. 1: 10 Ap '65.

Analysis and design of the automation system for the tubular heaters of the "Lang" production line. M. I. A. Khait. *Kons. i ov. prom.* 21 no. 3:14-18 Mr '66.

First priority task of the canning industry. *Kons. i ov. prom.* 21 no. 4:1-3 Ap '65.

For light links of industries with agriculture. B. F. Sviridov. *Kons. i ov. prom.* 21 no. 3:5-8 Mr '66.

Improving the distribution of cannery buildings on collective and state farms. N. I. Usachev. *Kons. i ov. prom.* 21 no. 3:32 M '66.

Manufacture and sale of canned intermediate products. A. G. Polakov. *Kons. i ov. prom.* 21 no. 3:22-23 Mr '66.

Transportation of glass containers without boxes. V. A. Chub. *Kons. i ov. prom.* no. 1:45 Ja-F '66.

Utilization of steam from the second boiling-up of condensates. P. A. Lisovskii. *Kons. i ov. prom.* 21 no. 4: 17-18 Ap '66.

Welcoming the 23d Congress of the CPSU with appropriate achievements. *Kons. i ov. prom.* 21 no. 3:1-4 M '66.

CANNING INDUSTRY—ACCOUNTING see subdivision under White Russia

CANNING INDUSTRY—COSTS

Evaluating the cost of raw materials in the calculation of the cost of production of canned food. M. I. Usupov. *Kons. i ov. prom.* 21 no. 3:29-31 Mr '66.

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Improve the relationship between supplier and consumer. M. G. Magomedkhanov. *Kons. i ov. prom.* 21 no. 1:4-9 Ap '66.

Improved salt proportioner. V. Borisov, A. Spelmanis. *Mina. ind. SSSR* 37 no. 1:17 '66.

Mechanical hoist for the loading and unloading of filled cans in the autoclave basket. V. A. Chub. *Kons. i ov. prom.* no. 1:44 Ja-F '66.

CANNING INDUSTRY—MANAGEMENT

(see also subdivision under Ukraine)

Preparing to transfer to a new system of planning and economic stimulation. G. V. Asatiani, R. I. Vachelskii. *Kons. i ov. prom.* 21 no. 3:27-28 Mr '66.

CANNING INDUSTRY—QUALITY CONTROL

Quality of production is an important economic index. D. I. Vedmetakii. *Kons. i ov. prom.* 21 no. 4:9-12 Ap '66.

CAPERCAILLIE—MOLTING see subdivision under Caucasus

CAPILLARIES

Changes in water-salt relations between blood and pericapillary space in capillary hyperosmosis. L. K. Velikanova. *Piziol. zhur.* 52 no. 3:201-206 Mr '66.

CAPILLARIES—PERMEABILITY

Characteristics of the penetration of tissues by various halogens in the presence of effects on the nervous system. I. U. A. Petrovich. *Piziol. zhur.* 52 no. 3:273-278 Mr '66.

CAPITAL

Bunich, P. G. [Efficiency of the use of capital assets] *Effektivnost' ispol'zovaniya osnovnykh fondov*. Moskva, Finansy, 1965. 58 p.

Bychkov, P. S. [Working capital of socialist industrial enterprises] *Oborotnye sredstva sotsialisticheskikh promyshlennykh predpriyatiy*. Moskva, Ekonomika, 1966. 150 p.

Capital assets and method for the analysis of their use. N. Chaiko, A. Okonishnikov, N. Kanishchev. *Nar. khoz. Kazakh.* 24 no. 2:79-87 F '66.

Important factor in the development of the socialist economy. A. Arakellian. *Plan. khoz.* 43 no. 3:21-27 Mr '66.

Methods for determining estimated indices of capital yield in an enterprise. V. Bocharov, F. Bukin. *Vop. ekon.* no. 2:30-40 F '66.

Some problems of technological progress. I. Maevskii. *Plan. khoz.* 43 no. 3:11-20 Mr '66.

CAPITAL—BIBLIOGRAPHY see Bibliography—Capital

CAPITAL INVESTMENTS

(see also subdivision under Poland; United States; Uzbekistan)

Concerning D. A. Arzamastsev's article "Comparison of the variants of capital investments with operational expenditures varying within the year." V. G. Zhuravlev. *Izv. vys. ucheb. zav., energ.* 9 no. 3:125-126 Mr '66.

Increasing the efficiency of capital investments in scientific principles of determining it. I. I. I. Vop. ekon. no. 2:3-16 F '66.

Reply to V. G. Zhuravlev. D. A. Arzamastsev. *Izv. vys. ucheb. zav., energ.* 9 no. 3:126-127 M '66.

CAPITAL INVESTMENTS—BIBLIOGRAPHY see Bibliography—Capital Investments

CAPITALISM

General characteristics of the capitalist economy. I. I. Poltalin. *BIK [Prilozh.]* no. 2:1-1 Ap '66.

Gur'ev, I. E. [General crisis of capitalism] *Obshchaya krizis kapitalizma*. Moskva, Univ. zhurnal, 1965. 165 p.

Interdependence of civilian and military production in capitalism. G. Kravchenko. *Vop. ekon.* no. 1:1-7 F '66.

[Marxism-Leninism as a theoretical basis of the theory of communism] *Marksiizm-Leninizm = teoreticheskaia osnovna stoitel'stva kommunizma*. Moskva, Vysshaya shkola, 1965. 158 p.

Mechanism of modern cycle. S. Men'shikov. *Mir. ekon. i mezhdunar. otn.* no. 4:46-58 '66.

"Origin of capitalism in the countries of Europe, Asia, and America," a comprehensive study which is best prepared by a group of scholars. I. N. Ostrovskii. *Izvestiya. no. 2:176-177 '66.*

The skilled labor force: cost, price, and place in capitalist production. V. Kovyshenko. *Mir. ekon. i mezhdunar. otn.* no. 4:96-105 '66.

Special features of present-day cycles and depression in capitalist countries. S. Men'shikov. *Kommunist* 12 no. 4:110-122 Mr '66.

State monopoly capitalism: its tendency, contradictions, and dual nature. A. Pokrovskii. *Mir. ekon. i mezhdunar. otn.* no. 3:70-80 '66.

The uneven nature of capitalist development and sharpening of imperialist contradictions. I. I. I. M. ekon. i mezhdunar. otn. no. 3:43-55 '66.

Zhuravlev, V. I. [Two worlds and two realities] *Dva mira — dva dila*. Kiyv, Polityday Ukr., 1965. 331 p.

CAPITALS (CITIES)

[Capitals of the world; Europe, Asia, Africa, Australia, Oceania. A political economy, statistical book] *Stolitay stran mira. Evropa, Azia, Afrika, Amerika, Avstraliya i Okeaniya (politiko-ekonomicheskiy spravochnik)*. Moskva, Politizdat, 1965. 117 p.

CAR COUPLINGS

Increasing the strength of the body of coupling (in apparatus). A. A. Mutskaia. *Vest. PSNI* 141 no. 3:31-34 '65.

CAR SERVICE (FREIGHT) see Demuringo (Car service)

CAR SPRINGS—DESIGN AND CONSTRUCTION

Dynamics and basic technical requirements of the design of passenger car underframes for traffic speeds up to 160 km per hour. A. A. Dolmatov. *Trudy TSNIIMH* no. 307:121-150 '65.

CAR SPRINGS—DYNAMICS

Dynamic characteristics of the central spring assembly of passenger cars with inclined elements. B. V. Verbitskii, I. S. Doronin. *Trudy TSNIIMH* no. 307:151-162 '65.

CAR TRUCKS (RAILROADS)—DESIGN AND CONSTRUCTION

Application of the methods of probability and statistics in the design and calculation for strength of truck frames. V. B. Medel'. *Trudy MIIT* no. 214:24-29 '65.

CAR TRUCKS (RAILROADS)—DYNAMICS

Gracheva, L. O., and P. S. Anisimov. [Design characteristics and dynamic properties of the three axle UZV-0m type truck] *Konstruktivnye osobennosti i dinamicheskie kachestva trakhosnoi toichki tipa UZV-0m*. Moskva, Transport, 1965. 32 p. (Dinamika nauki i tekhniki v proizvodstvo)

CAR TRUCKS (RAILROADS)—TESTING

Full-scale testing for fatigue strength of large struts on resonance vibratory benches. I. V. Baranov. *Trudy MIIT* no. 214:27-62 '65.

CAR WHEELS

Rolling of a heavy wheel over a beam. A. P. Kaina. *Trudy MIIT* no. 214:63-70 '65.

CARBAMIC ACID

Catalytic action of diethylidithiocarbamate on iodine-iodine reaction in nonaqueous media. A. K. Babko, L. V. Derkova, M. U. Prikhod'ko. *Ukr. khim. zhur.* 32 no. 1:78-78 '66.

CARBAMIC ACID (Continued)

Cyanomethylation of aliphatic dithiocarbamates. B.S. Zimenkova. Zhur. fiz. khim. 21 no. 1:10-13 '66
Synthesis and study of the properties of polyurethane carbonate based on 2-[2-(3-methyl-1-hydroxyphenyl) isopropyl]-2-methylphenyl ester of hexamethylenedithiocarbamic acid and phosgene. O. V. Shtanova and others. Vysokom. soed. 8 no. 2:307-307 F '66.

CARBIDES

Redistribution of carbon in weld joints under the effect of no carbide-forming elements. B.I. Bruk. Avtom. svai. 10 no. 1:6-9 Ja '66.

Work function of carbides of high-melting metals in cesium vapors. V.G. Bol'shoy. Zhur. tekhn. fiz. 35 no. 2:331-337 F '66.

CARBOHYDRATE METABOLISM

Carbohydrate metabolism in the plant of winter wheat during the two stages of its hardening. V.I. Babenko, A.M. Gervorkian. Dokl. Akad. nauk 12 no. 2:6-11 F '66.

Dynamics of soluble carbohydrates in the rumen of lambs. N.U. Bazanova, A.V. P. Okulina. Izv. AN Kazakh. SSR. Ser. biol. nauk 1 no. 1:83-86 Ja-F '66.

Effect of adrenalectomy on the carbohydrate-phosphorus metabolism in the brain tissue of guinea pigs. M.M. Kosmina. Fiziol. zhur. [Ukr.] 12 no. 1:102-104 Ja-F '66.

CARBOHYDRATES

Oxytetracycline biosynthesis by Actinomyces rimosus in media with various carbohydrates. N.V. Olova, M.B. Andrianova. Mikrobiologiya 35 no. 1:49-47 Ja-F '66.

Quantitative determination of carbohydrates in plant material by thin-layer chromatography. A.I. Samulenko. Dokl. AN BSSR 10 no. 2:115-116 F '66.

Study of swelling and water-soluble carbohydrates of winter rye. V.F. Golentsov, G.D. Tsibulenberg. Prikl. biokhim. i mikrobiol. 2 no. 1:27-30 Ja-F '66.

CARBOHYDRATES, EFFECT OF RADIATION ON

Radiochemistry of carbohydrates. Part 5: Formation of acid products in the radiolysis of aqueous solutions of inosose, cellobiose, and maltose. L.I. Kudachov and others. Zhur. ob. khim. 36 no. 2:228-232 F '66.

CARBOHYDRAZIDE

Synthesis of arylamides of 1-acylcarbohydrazide-5-hydro-carboxylic acid. E.P. Nosyov, M.M. Dasprozvanaja, P.B. Pol'kis. Zhur. org. khim. 2 no. 3:404-405 Mr '66.

Synthesis of 1,5-diacetylcarbohydrazides. E.P. Nosyov, P.B. Pol'kis. Zhur. org. khim. 2 no. 3:459-461 Mr '66.

CARBON

Reduction of the carbon content in electrofused refractories. L.I. Chernina and others. Ognepriy 31 no. 3:48-51 '66.

Studying diamond and graphite wetting by molten metals and alloys. Part 1: Effect of temperature on the adhesion of metals inert to carbon. I.U. V. Naidich, G.A. Koloschenko. Pribl. tekhn. 6 no. 2:97-99 F '66.

CARBON, ACTIVATED

Sorption of metals by the activated carbon SKT from acetate solutions. I.A. Kuzin and others. Zhur. prikl. khim. 39 no. 2:359-362 F '66.

CARBON BLACK

Analysis of the conglomeration process of carbon black and latex compounds in the manufacture of black-extended butadiene-styrene rubber. G.P. Filinov and others. Kauch. i rez. 25 no. 3:6-9 '66.

Electron microscope study of the lampblack structure. A.S. Flakov and others. Zhur. fiz. khim. 40 no. 3:704-706 Mr '66.

Graphitized carbon blacks as adsorbents in gas chromatography. A.V. Kiselev, I.A. Iashin. Zhur. fiz. khim. 40 no. 3:603-608 Mr '66.

Plant analysis of new types of petroleum crude in the production of the PM-70 active furnace black. T.O. Gul'misarian and others. Neftepr. i neftekhim. no. 11: 25-28 '66.

CARBON BLACK—ANALYSIS

Application of the reaction of catalytic oxidation of the iodide ion in the analysis of the properties of carbon black. R.Z. Magaril, E.I. Aksenova. Kauch. i rez. 25 no. 2:20-28 '66.

CARBON COMPOUNDS

Study of the reactivity of carbonaceous materials by means of thermography. A.N. Keisov, V.V. Pechkovskii. Sbor. nauch. trud. Perm. politekh. inst. no. 10:66-70 '61.

CARBON DIOXIDE

Preparation of alkylene carbonates by the reaction of alkane α -oxides with carbon dioxide. S.Z. Levin, A.L. Shapiro. Neftekhimika 5 no. 3:380-393 My-Je '65.

Reduction of carbon dioxide in the fluidized bed of petroleum coke. N.M. Utamileva, E.V. Smidovich. Neftepr. i neftekhim. no. 11:15-17 '65.

System $\text{Li}_2\text{CO}_3 - \text{CO}_2 - \text{H}_2\text{O}$ at various partial pressures of CO_2 . I.N. Averkova-Afonovich. Zhur. org. khim. 10 no. 10:2348-2350 O '65.

Thermal effect of the $15\mu\text{CO}_2$ band in the upper atmosphere. G.M. Shved. Probl. fiz. atm. no. 3:96-104 '65.

Use of carbon dioxide as a gas-carrier in gas radiochromatography. M.S. Forys. Radiokhimiya 8 no. 1:113-118 '66.

CARBON DISULFIDE

Thermodynamics of the adiabatic synthesis of carbon disulfide from methane and sulfur. I.U. P. Kuznetsov and others. Khim. prom. 41 no. 11:823-827 N '65.

CARBON ELECTRODES see Electrodes, Carbon

CARBON MONOXIDE

Carbon monoxide absorption on palladium in aqueous solutions. A.B. Fasman, Z.N. Novikova, D.V. Sokol'skii. Zhur. fiz. khim. 40 no. 3:556-560 Mr '66.

Catalytic hydrocondensation of carbon monoxide with olefins and their hydrocopolymerization under the effect of carbon monoxide and hydrogen. Report No. 40. Role played by hydrocoking in the course of decomposition processes during hydrocopolymerization of olefins under the effect of carbon monoxide. I.A. T. Elidus, B.K. Nefedov. Izv. AN SSSR Ser. khim. no. 2:321-328 '66.

Mathematical models in studying the reduction of lead oxide by carbon monoxide. A.A. Ashimov and others. Vest. AN Kazakh. SSR 22 no. 2:31-30 F '66.

Production of urea on the base of carbon monoxide. A. Iovl and others. Khim. prom. 41 no. 11:820-823 N '65.

CARBON MONOXIDE—PHYSIOLOGICAL EFFECT

Myoglobin in the organism poisoned by carbon monoxide. T.M. Hladyshevska, L.M. Doloshytskiy, B.A. Sobchuk. Ukr. biokhim. zhur. 30 no. 1:9-13 '66.

CARBON OXIDES

Accumulation of carbon monoxide and carbon dioxide in the circulating hydrogen during hydrogenation. E.I. Bartoshevich. Khim. i zhur. prom. 31 no. 1:17-18 Ja '65.

CARBON TETRACHLORIDE—PHYSIOLOGICAL EFFECT

Effect of carbon tetrachloride on phosphoprotein metabolism in the animal liver. R.P. Vynogradova. Ukr. biokhim. zhur. 30 no. 1:27-32 '66.

CARBON TETRACHLORIDE—TOXICOLOGY

Some problems of the mechanism of the toxic effect of carbon tetrachloride and its homologs: a review. P.G. Garkavi. Perm. i toka. 29 no. 1:116-123 Ja-F '66.

CARBONATES

Cathodic reduction of oxygen in molten carbonates. Part 2. Effect of the composition of electrolyte, process temperature, and nature of electrode material on the electroreduction of oxygen in carbonate melts. A.V. Silakov, G.S. Tshirkov, N.P. Vasilatov. Elektrokhimika 2 no. 2:205-208 F '66.

Kinetics of the thermal decomposition of iron and zinc carbonates. A.G. Zvezdin, V.V. Pechkovskii. Sbor. nauch. trud. Perm. politekh. inst. no. 10:105-110 '61.

Some technological parameters of the injection molding of "lithon" polycarbonates. G.S. Kolesnikov and others. Plast. massy no. 3:41-43 '66.

CARBONIC ACID

Derivatives of N-phosphorylated iminocarbonic acids. G.I. Derkach, N.I. Liptuga. Zhur. ob. khim. 36 no. 3: 461-467 Mr '66.

CARBONYL COMPOUNDS

γ - δ $\text{C}=\text{O}$ Derivative sign of carboxylic acid chlorides. L.V. Lovchenko. Izv. AN Kazakh. SSR Ser. khim. nauk 14 no. 4:13-17 O-D '64.

CARBORANES

Alkylation of B-decachloroborene in an alcohol medium. L.I. Zakharkin, N.A. Gogodnikova. Izv. AN SSSR Ser. khim. 39 no. 2:348-348 '66.

Family of neoboranes. V.I. Stanko, A.I. Klimova. Zhur. ob. khim. 36 no. 3:432-438 Mr '66.

CARBOXYL GROUP

Analysis of the products of hydrocarboxylation of butadiene by paper chromatography. B.E. Kuvaev, N.S. Ismailov. Zhur. anal. khim. 21 no. 2:221-226 '66.

Oxidation of steric acid and conjugated reactions. N.I. Mitskevich, B.V. Erofeev, V.A. Lashitskii. Neftekhimika 5 no. 3:381-387 My-Je '65.

CARCINOGENESIS

Mechanism of the blastomogenic action of polymers used in alloplasty. S.P. Slizenko, G.A. Pustogarov. Vop. onk. 12 no. 3:50-53 '66.

CARCINOGENS

Experimental tumors of the testicle induced by 9,10-dimethyl-1,2-benzanthracene. B.V. Klucharev. Vop. onk. 12 no. 3:53-58 '66.

Study of carcinogenic tryptophan metabolites as haptena T. A. Korosteleva, E.N. Krutova, A. T. Zasyuka. Vop. onk. 12 no. 2:44-49 '66.

CARDENOLIDE

Bell cardenolides of Onithogalum magnum Krasch et Schlecht. N.F. Komissarenko. Khim. prirod. soed. no. 3:156-160 '65.

Cardenolides of Securigra securidaca. Part 2. V.V. Zaitula, N.P. Maklutina, D.G. Kolesnikov. Khim. prirod. soed. no. 3:153-156 '65.

CARDIAC GLYCOSIDES

Pharmacology of erythroside. M.A. Agarskaia, P.I. Bezruk. Zh. L'ubetskaja. Farm. itoka. 29 no. 1:39-43 Ja-F '66.

"Soft" uncoupling of oxidative and energetic processes as the basis of the action of cardiac glycosides. M.N. Kondrasheva. Vest. AMN SSSR 21 no. 1:44-49 '66.

CARDIAC GLYCOSIDES—PHYSIOLOGICAL EFFECT

Comparative study of the biological effects of strophanthine-K, corollarin-P, cymar in and periplocin on the heart in cats in lesions induced with zinc hydroxide. S.M. Kit. Farm. i toka. 27 no. 6:699-701 N-D '61.

CARDIIDAE, FOSSIL see subdivision under Rumania

CARDING

Modernization of the LTM-2M wool breaker-card. M.I. Sikodnik. Leh. prom. no. 1:52-53 Ja-F '66.

CARDING MACHINES

Selecting the design of the take-up drum unit of a high-capacity cotton carding machine. V.G. Goncharov. Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 1:54-60 '66.

CARDING MACHINES—CLEANING

Efficient method of cleaning of card clothing in the technology of the manufacture of asbestos yarn. F.F. Bosdudnyl, G.V. Fruktov. Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 1:54-58 '66.

CARDING MACHINES—MATHEMATICAL MODELS

Matrix method of calculating the dynamics of mixing during carding. A.G. Sevost'yanov, M.L. Zavlilevich. Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 1:49-53 '66.

CARDING MACHINES—TABLES, CALCULATIONS, ETC.

Changes in the curve of fiber doffing in the doffer unit of a carder. G.I. Karasev. Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 1:50-53 '66.

CARDIOGRAPHY

Radiocardiography using ^{131}I -labeled albumin; methodology of the examination. G.A. Malov. Med. rad. 11 no. 2:39-45 F '66.

CARDIOFASIM

Treatment of cardiospasm. M. Raudsep, K.G. Gotovtseva. Sbor. nauch. rab. vrachei Kar. ASSR no. 4:91-95 '62.

CARDIOVASCULAR SYSTEM

Characteristics of the reactions of the cardiovascular system following removal of the lung. N.N. Gots'ev, L.P. Cherkasov. Vest. AMN SSSR 21 no. 4:66-72 '66.

Discussions on the reports of the Outsession of the Academy of Medical Sciences of the U.S.S.R. dedicated to the problem "Mechanisms of the regulation of the activity of the cardiovascular system". L.I. Melnikova. Vest. AMN SSSR 21 no. 4:82-84 '66.

Some new probable ways of pharmacological effect on the regulation of the activity of the cardiovascular system. M.L. Belen'kit. Vest. AMN SSSR 21 no. 4:54-59 '66.

CARDIOVASCULAR SYSTEM—DISEASES

Characteristics of changes in the cardiovascular activity in patients with the diencephalic syndrome. P.A. Makkaveleki, I.I. Postnova. Trudy LITIN no. 18: 87-95 '65.

Effect of radio waves of different ranges on the state of the cardiovascular system. N.M. Konchalovskaja, S.N. Khmara, K.V. Giotova. Trudy Lab. elektromagn. pol. rad. AMN SSSR no. 2:114-118 '64.

Experimental reproduction of diseases of the cardiovascular system in monkeys. B.A. Lapin, G.M. Cherkovich, L.A. Iakovleva. Vest. AMN SSSR 21 no. 4:73-81 '66.

CARDIOVASCULAR SYSTEM—MAMMALS

Functional characteristics of the cardiovascular system in trotters and draft horses. N.A. Sudakov. Trudy Mosk. vet. akad. 22 no. 2:140-145 '68.

CARGO HANDLING

(see also subdivision under Archangel; Kaliningrad; Kotlas; Archangel Province; Krasnovodsk; Turkmenistan; Vladivostok)

Methodology of determining the time needed in loading and unloading ships and the optimal concentration of equipment and manpower. L.O. Dorevich. Ekon. i ekpl. mor. transp. no. 2:89-99 '65.

Mil'man, I.B. [Manual for longshoremen of class 4] Uchebnik portovogo rabochego IV klassa. Tzd, 2, Moskva, Transport, 1966, 179 p.

Norm for simultaneous servicing of ships. M.A. Mitukov. Ekon. i ekpl. mor. transp. no. 2:79-83 '65.

CARGO HANDLING (Continued)

Optimal sequence of the servicing of ships using the method of equipment and manpower concentration in loading and unloading. O O Dorevich. *Ikon Lekslid moitrasap* no 2 83-90 '65

CARIBBEAN AREA—PIRATES

Pirates of the Antilles (conclusion). I. A. M. Svet. Nov. 1 novel'sh ist no 2 106-115 '66.

CARICATURES AND CARTOONS

(see also subdivision under United States)

The use of political cartoons in modern history classes. N. M. Minzberg. *Ukr. ist zhur.* 10 no 1126-130 Ja '66.

CARNELIAN see subdivision under Caucasus

CAROTENE

Effect of experimental hypo- and hyperthyroidism on the transformation of carotene into vitamin A in monkeys. I. U. M. Zaleskaya. *Vop. med khim* 12 no. 1 51-57 Ja-F '66

CAROTENOIDS

Comparative study of interbiological cultures as to their capacity of synthesize carotenoid pigments. N. M. Trifunenko, F. M. Grishina, V. V. Kotelev. *Ispol'nikroorg v nar khoz* no 2 3-7 '65

CAROTID SINUS

Hemodynamic mechanisms of the development and adaptation of the pressor sinocarotid reflex. V. V. Bratsky. *Fiziol. zhur. [Ukr.]* 12 no. 1:90-93 Ja-F '66.

CARP see subdivision under Bakhdash, Lake

CARP—DISEASES AND PESTS

Diseases of the carp and bladder. I. I. Govkun, V. M. Ivasik, L. M. Kapenko. *Ryb. khoz.* 42 no. 2:27-28 '66.

CARP—VARIETIES

Their suitability of the isolated muscle tissue and the antigenic properties of erythrocytes of some cultured carp varieties. I. U. P. Alukhov, A. I. Matveeva, B. M. Ruzanova. *Tsitologia* 8 no 100-103 Ja-F '66.

CARPATHIAN MOUNTAIN REGION—CLAY

Mineralogy of clays of molasse sediments in the cis-Carpathian region. D. V. Guzhvi. *Min sbor* 19 no 1 88-92 '65

CARPATHIAN MOUNTAIN REGION—DRILLING MUDS

Use in the Carpathian Mountain region of natural flushing fluids stabilized by hydrolized polyacrylamide. U. L. Skhal'skaya, I. V. Dilak, N. I. Aleksinik. *Bulleten* no. 2: 25-28 '66.

CARPATHIAN MOUNTAIN REGION—FOLDS (GEOLOGY)

Nature of folds in the inner zone of the Carpathian piedmont fault. B. I. Arash. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:147-153 '65.

CARPATHIAN MOUNTAIN REGION—GAS, NATURAL—GEOLOGY

Basic characteristics of tectonics and prospects for finding gas in the southeastern part of the inner zone of the Carpathian piedmont fault. B. P. Rizum. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:89-107 '65.

Prospects for finding gas in the Upper Cretaceous outer zone of the Carpathian piedmont fault and the adjacent part of the Volyn'-Podolian Plateau. M. V. Bolchuk. *Reftegaz. geol. i geofiz.* no. 2:25-28 '66.

Some characteristics of tectonics and prospects for finding oil and gas in the Pokut'-e-Bukovina part of the Carpathian piedmont fault. A. A. Orlov. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:108-113 '65.

Time of the formation of gas fields in the outer zone of the cis-Carpathian foredeep. O. K. Ivanov. *Geol. zhur.* 25 no. 1 52-55 '65.

CARPATHIAN MOUNTAIN REGION—GEOLOGICAL TITLES

Age of oil pools in the Carpathian piedmont fault as revealed by a study in the Pokut'-e part. S. P. Gavura. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:114-119 '65.

CARPATHIAN MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC

Practice in the division of Oligocene sediments in the Carpathian Mountain region according to sponge spicules. M. M. Ivanik. *Dop. AN URSS* no. 1:106-108 '66.

CARPATHIAN MOUNTAIN REGION—GEOLOGY, STRUCTURAL

Basic characteristics of tectonics and prospects for finding gas in the southeastern part of the inner zone of the Carpathian piedmont fault. B. P. Rizum. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:99-107 '65.

Structure of the basement of the Carpathian piedmont fault. G. N. Dolenko. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:36-52 '65.

CARPATHIAN MOUNTAIN REGION—IODINE

Content, distribution, and mode of occurrence of iodine in the potassium salt sediments of the Carpathian Mountain region. P. M. Bilonizhka. *Min. sbor.* 19 no. 1:60-68 '65.

CARPATHIAN MOUNTAIN REGION—OIL WELL COMPLETION

Completion of deep test wells in the Carpathian Mountain region. V. A. Gryn', L. A. Filipeta. *Nefteprom. delo* no. 2:30-31 '66.

CARPATHIAN MOUNTAIN REGION—PETROLEUM GEOLOGY

Age of oil pools in the Carpathian piedmont fault as revealed by a study in the Pokut'-e part. S. P. Gavura. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:114-119 '65

Some characteristics of tectonics and prospects for finding oil and gas in the Pokut'-e-Bukovina part of the Carpathian piedmont fault. A. A. Orlov. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:108-113 '65.

CARPATHIAN MOUNTAIN REGION—ROCKS

Nature of the interrelation of the basic physical parameters of rocks as revealed by a study in the cis-Carpathian region. V. I. Antipov. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:80-86 '65.

CARPATHIAN MOUNTAIN REGION—ROCKS, SEDIMENTARY

Stratigraphic position and lithology of the Polyimian sediments in the Carpathian zone. D. V. Guzhvi, B. D. Rlyayk. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:137-140 '65.

CARPATHIAN MOUNTAIN REGION—SPONGES, FOSSIL

Practice in the division of Oligocene sediments in the Carpathian Mountain region according to sponge spicules. M. M. Ivanik. *Dop. AN URSS* no. 1:106-108 '66.

CARPATHIAN MOUNTAIN REGION—SULFUR

Formation of native sulfur deposits in the Carpathian Mountain region. D. P. Bobrovnik. *Min. sbor* 19 no. 1:49-53 '65

CARPATHIAN MOUNTAIN REGION—WATER, UNDERGROUND

Results of the laboratory studies of the geochemical interrelation of the waters of deep and near-surface zones as revealed by a study of waters in the Carpathian piedmont fault. O. D. Shigina, S. V. Neechina. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 3:101-111 '65.

CARPATHIAN MOUNTAIN REGION—WATER, UNDERGROUND—COMPOSITION

Formation of the chemical composition of Tortonian underground waters in the sulfur deposits of the Carpathian Mountain region. M. G. Portsevich. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 3:112-122 '65.

Microcomponents in the underground waters of the cis-Carpathian region. V. M. Shchepak, E. S. Gavrilenko. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 3:57-63 '65

CARPATHIAN MOUNTAINS—CLAY

Mineralogy of Cretaceous clay rocks in the Pieniny crags of the Ukrainian Carpathians. M. P. Gabinet. *Min. sbor* 18 no. 1 51-59 '65.

CARPATHIAN MOUNTAINS—CONGRESSES

Seventh Congress on the Carpatho-Balkan Geological Association. M. P. Semonenko, V. B. Sollogub, L. H. Tkachuk. *Geol. zhur.* 25 no. 6:115-116 '65.

CARPATHIAN MOUNTAINS—CORALS, FOSSIL

New data on reef corals from the Carpathian klippen zone. I. D. Hofshel'm, I. V. Krasnov. *Dop. AN URSS* no. 1: 116-122 '66.

CARPATHIAN MOUNTAINS—FORAMINIFERA, FOSSIL

Foraminifera fauna of the Cretaceous and Paleogene flysch in the southwestern part of the Ukrainian Carpathians. F. P. Temniuk, N. A. Boloi Intseva. *Palaeont. sbor. [Lvov]* no. 2 pt. 1 91-95 '65.

CARPATHIAN MOUNTAINS—FOREST MANAGEMENT

Basic principles of conducting principal yield and intermediate cuttings in the Carpathians. P. I. Molotkov. *Tudy Tbil. inst. lesa* 14 113-131 '65.

CARPATHIAN MOUNTAINS—GAS, NATURAL—GEOLOGY

Basic characteristics of tectonics and prospects for finding oil and gas in the Ukrainian Carpathians. V. V. Glushko, I. A. O. Kul'chitskii, V. A. Shakin. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:137-140 '65.

CARPATHIAN MOUNTAINS—GEOLOGY

Basic problems of the tectonics of the Carpathians. O. S. Vialov. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:15-35 '65.

CARPATHIAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Some data on the lithofacies characteristics of Lower Mesozoic sediments in the Bukovina Carpathians. A. G. Zhurakovskii. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:171-174 '65.

CARPATHIAN MOUNTAINS—GEOLOGY, STRUCTURAL

Effect of tectonics on the distribution of intensive gravity minimums in the Eastern Carpathians. I. U. A. D'achenko. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:81-88 '65.

Some remarks on recent movements in the Carpathians. I. D. Hofshel'm. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:71-79 '65

CARPATHIAN MOUNTAINS—GRAVITY ANOMALIES

Effect of tectonics on the distribution of intensive gravity minimums in the Eastern Carpathians. I. U. A. D'achenko. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:81-88 '65.

CARPATHIAN MOUNTAINS—LANDFORMS

Formation of the relief of mountain valleys of the Carpathians. T. I. Plotovskaya. *Vest. Mosk. un.* Ser. 4 Geol. 71 no. 1 98-103 Ja-F '66

CARPATHIAN MOUNTAINS—LUMBERING

Experimental study of the methods of principal yield cuttings and the technology of lumbering ensuring successful reproduction by forest with the application of mechanization in logging operations in the mountain forests of the Carpathians. N. M. Goshchuk. *Tudy Tbil. inst. lesa* 14 61-63 '65

CARPATHIAN MOUNTAINS—METAMORPHISM (GEOLOGY)

Metamorphism of crystalline schists in the eastern Ukrainian Carpathians. L. H. Tkachuk, I. U. R. Danylevich. *Geol. zhur.* 25 no. 3-12 '65

CARPATHIAN MOUNTAINS—PETROLEUM GEOLOGY

Basic characteristics of tectonics and prospects for finding oil and gas in the Ukrainian Carpathians. V. V. Glushko, I. A. O. Kul'chitskii, V. A. Shakin. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 1:137-140 '65.

CARPATHIAN MOUNTAINS—SILT

Mineralogical study of the heavy silt fraction of rocks in the southeastern part of the Eastern Carpathian Mountains. I. I. Vukichyn. *Geol. zhur.* 25 no. 1 55-61 '65.

CARPATHIAN MOUNTAINS—TROUT

Trout farming in the Soviet Carpathians. K. A. Alukhov. *Ryb. khoz.* 40 no. 8 27-28 '61.

CARPATHIAN MOUNTAINS—WATER, UNDERGROUND—COMPOSITION

Salt and gas composition of underground waters in the Transcarpathian Inner Trough and the Inner Anclitonal Zone of the Carpathians. T. M. Solotakii, L. N. Likhonova. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 3 99-100 '65.

CARPATHIO-UKRAINE see Transcarpathia

CARPENTRY

Increasing the output of dimensions for carpentry use in the saving of logs and planks by various methods. I. P. Korzhavnikov. *Del. prom.* 15 no. 3 6-8 Mr '66.

CARPENTRY—TOOLS

Clamping device for a joint's bench. G. N. Astapenko. *Shkola i protv.* 10 no. 3 69-71 Mr '66

Set of carpentry tools. I. E. Tikhov. *Shkola i protv.* 9 no. 3 71-73 Mr '65

CARRIERS

Shvarts, Kh. I. [Legal regulation of carriage contracts in automobile transportation]. *Pravovoe regulirovanie peravozok na avtomobil'nom transpote*. Moskva, Izdatel'skaya literaturn, 1966. 263 p.

CARROTS

Effectiveness of various doses of prometyl, chlorazine, and propazine against weeds in carrot fields. M. A. Milov. *Khm. v sel. khoz.* 1 no. 3 57-58 Mr '66.

CARTILAGE

Histochemical data on macopolysaccharides of the normal mature tubular bone and hyaline cartilage. V. P. Modlaev. *Ark. anat. i gist. embri.* 50 no. 1 62-68 Ja '66

CARTOGRAPHY

Contribution of surveyors and cartographers to the 23d Congress of the CPSU. *Geod. i kart.* no. 2:3-7 F '66.

Technology of preparing crossline screens. A. V. Shilov. *Geod. i kart.* no. 11:88-72 N '65.

Template for determining the curvature radius of circular areas. A. A. Polulov. *Geod. i kart.* no. 11:73-75 N '65.

CARTOMETRY

Measuring of areas of small-scale maps in Mercator projection. I. U. S. Protov. *Vost. LGU* 21 no. 6:121-134 '60.

CASE HARDENING

Fushel'm, I. A. N. [Increasing the wear resistance of machine parts and tools by case hardening; work practices of the Minsk Automobile Plant]. *Povysheniye iznosostoykosti detalей mashin i instrumentov khimiko-termicheskoi obrabotki; iz opyta raboty Minskogo avtomobil'nogo zavoda*. Minsk, Belarus', 1965. 55 p. (Peiredovoi opyt - dostoyanie naroda)

CASE HARDENING (Continued)

- Influence of alloying elements on the electrolytic saturation of low-carbon steel with boron hydride. L. G. Voroshnin, L. S. Lakhovlev. Metalloved. i term. obr. met. no. 3:65-67 Mr '66.
- Intensifying the process of nitriding medium- and high-chromium steel. L. V. Belorachev and others. Izv. vys. ucheb. zav., chem. met. no. 3:157-161 '66.
- Phase constitution, structure and the mechanism of a cyanide layer formation on chromium stainless steel. N. V. Sumarekhov, I. F. Makarova. Izv. vys. ucheb. zav., chem. met. no. 3:153-156 '66.
- Using paste in high-speed cyaniding of machine parts. V. I. Frosvirtin, G. V. Evitkhov. Vest. mashinost., 46 no. 3-8 Mr '66.

CASEIN

- Use of casein modified by acrylates as a base for pigment water colors. M. L. Shevchenko and others. Izv. vys. ucheb. zav., tekhn. leg. prom. no. 1:73-77 '66.

CASH REGISTERS

- Cash registers with automatic registration of the sales. I. Lazukov. Sov. toig. 39 no. 1:19-33 Ap '66.

CASPIAN LOWLAND—OSTRACODA, FOSSIL

- Liubimova, P. S. [Lower Cretaceous Ostracoda of the Caspian Lowland] Ostrakodny nitzhnelovoykh otlozhenii Prikaspiiskoi vpadiny Leningrad, Nedra, 1965, 198 p. (Leningrad. Vsesoiuznyi nefteinoi nauchno-issledovatel'skii geologicheskii institut. Tindy, no. 244)

CASPIAN LOWLAND—PETROLEUM GEOLOGY

- Role of the lithologic screening of an oil pool in Komi and Lovoi Malkop sediments in the Caspian Tertiary monocline. G. A. Guseinov, P. G. Mekhtiev. Azerb. neft. zhur. 11 no. 12:61-6 D '65.

CASPIAN LOWLAND—SALT DEPOSITS

- Morphological types of salt accumulations in the eastern part of the Caspian syncline. G. Zholtov. Neftgaz. geol. i geofiz. no. 2:15-18 '66.

CASPIAN SEA—CIRRIPIEDIA

- Distribution and number of Balanus invase in the near-surface layer of the Caspian Sea. L. N. Polishchuk. Okeanologiya 6 no. 1:148-150 '66.

CASPIAN SEA—MOLUSKS

- Determining the decrease in Adrena vitrea Eichw. and Monodonta edentula Eichw. under the conditions of the northern Caspian Sea. V. P. Vashukova. Gidrobiol. zhur. 2 no. 1:50-62 '66.

CASPIAN SEA—OCEAN CURRENTS

- Surface currents in the central and southern parts of the Caspian Sea with different wind fields. N. D. Kleytsova. Okeanologiya 6 no. 1:102-108 '66.

CASPIAN SEA—SALINITY

- Calculation of the future salinity of the Sea of Azov and the northern Caspian Sea. A. I. Simonov, N. A. Redonov, V. M. Zatchennin. Meteor. i gidrol. no. 4:19-25 Ap '66.

CASPIAN SEA—SPRATS

- Testing of a machine for serial packing of Caspian sprats in blocks. K. D. Dekin. Ryb. khoz. 42 no. 2:76-77 '66.

CASPIAN SEA—STURGEONS

- New data on the intraspecific heterogeneity of Caspian Sea sturgeons. G. A. Amirkhunov. Ryb. khoz. 40 no. 5:15-18 '64.

CASPIAN SEA—TRAIN FERRIES

- Evaluating the load stresses due to the expansion of bulk freight under conditions of freight car transport on sea ferries. I. N. Zemlezn. Trudy TSNII MPS no. 307:178-191 '65.

CASPIAN SEA—ZOOPLANKTON

- Diurnal vertical migrations of zooplankton in the southern Caspian Sea. F. G. Dudakov. Izv. AN Azerb. SSR, Ser. biol. nauk no. 5:38-16 '63.

CASPIAN SEA REGION—GAS, NATURAL—GEOLOGY

- Formation of gas fields in Tertiary sediments in the northern part of the Caspian Sea region. A. A. Li. Izv. vys. ucheb. zav., geol. i razv. no. 1:70-72 Ja '66.

CASPIAN SEA REGION—GASTROPODA, FOSSIL

- Distribution of some species of Paleogene Aquilonus in the Trans-Caspian region. O. V. Amirov. Paleont. zhur. no. 1:28-37 '66.

CASPIAN SEA REGION—GEOLOGY, STRATIGRAPHIC

- Boundary between Akchagyl' and Apsheron sediments in the northern part of the Caspian Sea region. I. S. Volkova, G. F. Schneider. Dokl. AN SSSR 187 no. 1:150-161 Mr '66.

CAST IRON

- Effect of hardness on the wear resistance of cast-iron body parts of grinding machines. V. P. Mitrovich, M. K. Fomicheva. Slian i instr. 37 no. 2:20-32 F '66.

CAST IRON—ANALYSIS

- Production of low-sulfur converter pig iron. A. V. Zhurav and others. Metallurgiya no. 3-7 Mr '66.

CAST IRON—CORROSION

- Cast-iron corrosion of reactors for the synthesis of sulfur dioxide. T. L. Alter-Pesetskiy. Zashch. met. 2 no. 2:238-241 '66.

CAST IRON—DEFECTS

- Correcting defects in iron castings by semiautomatic built-up welding with steel wire. L. S. Sapiro and others. Sval. proizv. no. 3:30-40 Mr '66.

CAST IRON—METALLOGRAPHY

- Influence of friction conditions on the parameters of α -phase crystal lattice during the wear of austenitic and manganese cast iron. D. I. Stanchev, Yi. Peng-gil. Metalloved. i term. obr. met. no. 3:26-28 Mr '66.

CAST IRON—METALLURGY

- Characteristics of health processes in vanadium cast-iron smelting. V. I. Gladyshev, V. V. Kizhukov. Metallurgiya 11 no. 2:7-9 F '66.

- Surface tension of cast iron with various carbon equivalents and the effect on it of an addition of boron. K. I. Vashchenko, A. K. Koslanova, V. A. Zhuk. Lit. proizv. no. 2:20-22 F '66.

CAST IRON PIPE see Pipe, Cast Iron

CAST STONE see Stone, Cast

CASTOR BEAN

- Theory of the threshing of castor beans. A. A. Reiz. Trakt. i sel'khoz. mash. no. 3:31-33 Mr '66.

CASTRATION

- Raising young cattle of the main Russian breeds for beef purposes. N. F. Roslovitshev, I. I. Chetkashchenko. Dokl. Akad. sel'khoz. nauk no. 2:23-34 F '66.

CATALASE

- Catalase activity and quality in diploid and tetraploid rye. S. M. Sokolova, L. A. Zhebrak. Genetika no. 1:14-14 Ja '66.

- Catalase crystallization into tubes with monomolecular walls. B. K. Vashchenko, N. A. Kiselev, V. L. Shpil'sberg. Dokl. AN SSSR 187 no. 1:212-121 Mr '66.

- Effect of the activity of catalase of some microorganisms on the viability of bull spermatozoa during the storage of the sperm. V. Kulikov. Veterinarnyia 12 no. 1:113 Ja '66.

CATALOGS, PUBLISHERS'

- Instructional results. IA. Arest. Knizh. toig. 16 no. 12:8-10 D '67.

- New publications of the "Priozhita" Publishing House. L. Rubinshtein. Knizh. toig. 17 no. 3:33 Mr '66.

- Where should the books be cataloged after all? IU. Kh. Kn. Biblioteka 13 no. 3:12-13 Zh '66.

- Your advisors. IA. Arest. Knizh. toig. 17 no. 4:25-26 Ap '66.

CATALOGS, UNION

- [Union list of new foreign books, received by the libraries of the U. S. S. R. Series A: Natural sciences, medicine, agriculture, technology] Svyd. bibli. nov. inostr. knig, posip. v bibli. SSSR, Ser. A. Est. nauki, med., sel'. khoz., tekhn. no. 4 '65.

CATALYSIS

- Analogy between heterogeneous and homogeneous activators of an H_2 molecule. F. Nagy, L. Simandi. Khim. i kat. 7 no. 1:11-20 Ja-F '66.

- Catalytic activity of iron-cobalt catalysts as dependent on their electronic structure. R. P. Lavrentovich and others. Khim. i kat. 7 no. 1:84-98 Ja-F '66.

- Catalytic activity of manganese dioxide with respect to isotope exchange in molecular oxygen. L. A. Kasatkina, V. C. Amerikov. Khim. i kat. 7 no. 1:99-109 Ja-F '66.

- Catalytic effect of cation-exchange resins in alkylation reactions. O. N. TSvetkov and others. Dokl. AN SSSR 187 no. 1:115-118 Mr '66.

- Catalytic oxidation of methyl alcohol as influenced by the reactor diameter. M. V. Pollakov and others. Dokl. AN SSSR 187 no. 1:132-134 Mr '66.

- Catalytic preparation of ketones of the pyridine series. V. I. Likerson, L. I. Lofor, A. M. Rubinshtein. Izv. AN SSSR, Ser. khim. no. 2:311-321 '66.

- Composition of Rh (III) complexes as influencing their catalytic activity in the process of stereospecific polymerization of 1,3-butadiene in aqueous solution. A. A. Ginzburg and others. Dokl. AN SSSR 187 no. 1:99-101 Mr '66.

- Dicyclohexyl and dicyclohexylmethane conversions on Pt- and Pd-alumina catalysts in the course of catalytic reforming. N. I. Shuklin, I. I. Voznesenskaya. Izv. AN SSSR, Ser. khim. no. 2:340-350 '66.

- Effect of pH on some electrochemical and catalytic characteristics of platinum. S. M. Roshechnikov, A. M. Sokol'skaya. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 4:38-42 O-D '64.

- Effect of the concentration gradients of reagents and temperature on the effectiveness factor of a porous particle of the catalyst, and the boundaries of existence of stationary conditions. L. M. Pshmen. Dokl. AN SSSR 187 no. 1:151-152 Mr '66.

- Electronic semiconductor catalysts. Part 1: Conditions for the formation of solid solutions $Li_xNi_{1-x}O$ and their catalytic and semiconducting properties. E. M. Gluk and others. Elektr. khimika 2 no. 3:311-318 Mr '66.

- Increasing the output of benzene, toluene, and xylene in the platforming of gasoline fractions. V. S. Akhiev and others. Neftkhimiya 5 no. 3:317-350 My-Je '65.
- Liquid-phase catalytic reactions in an electrochemical field. IA. A. Dorfman, D. V. Sokol'skii. Dokl. AN SSSR 187 no. 1:102-105 Mr '66.

- Mechanism of isomerization and dehydrogenation of cyclohexane under conditions prevailing in the reforming process. G. V. Isagulyants and others. Neftkhimiya 5 no. 1:507-511 Ji-Ag '65.

- Modification of physicochemical characteristics of solids by additions. Part 6: Role of contact phenomena in the catalysis of the thermal decomposition of solids by additions of semiconductor. IU. A. Zapharov, G. G. Savol'dev. Khim. i kat. 7 no. 1:155-61 Ja-F '66.

- Peroxide states of subgroup zinc elements as intermediate catalyst products. R. V. Kolobkova, G. A. Bogdanova. Zhur. fiz. khim. 40 no. 3:661-687 Mr '66.

- Persons engaged in research. N. Mel'nikov. Nar. khoz. Kazakh. 24 no. 2:71-74 F '66.

- Reforming of the fraction of Karadag gasoline boiling between 71 and 102° in stationary and fluidized beds of a catalyst. Kh. M. Alnachev and others. Neftkhimiya 5 no. 4:499-500 Ji-Ag '65.

- Role of cyclohexane in the dehydrogenation and isomerization of cyclohexane under conditions prevailing in the reforming process. G. V. Isagulyants and others. Neftkhimiya 5 no. 4:501-506 Ji-Ag '65.

CATALYSTS

- Calculation of rate constants for ammonia synthesis in a reversible poisoning of the catalyst with vapor in flow systems. I. A. Smirnov. Khim. i kat. 7 no. 1:101-115 Ja-F '66.

- Copolymerization of tetrahydrofuran and propylene oxide on natural aluminosilicate catalysts. L. I. Reiburd and others. Plast. massy no. 3:8-11 '66.

- Effect of catalysts on the hydroalkylation of methylanaphthalenes. A. A. Klichko, L. S. Savetova. Zhur. prikl. khim. 39 no. 2:469-471 F '66.

- Effect of the conditions of reaction on the synthesis of 1-nitro-2-methyl-2-propanol. V. I. Burmistrov, A. Z. Vakhirev. Zhur. prikl. khim. 39 no. 2:793-108 F '66.

- Electronic properties and activity of complex catalysts for hydrocarbon oxidation. L. IA. Mergolis, A. V. Kriyova, F. S. Akhmedova. Khim. i kat. 7 no. 1:68-75 Ja-F '66.

- Eloeev, B. V. [Transition metals and their catalytic properties] Perekhodnye metalli i ikh kataliticheskie svoystva Moskva, Znaniye, 1966, 80 p. (Novoe v zhizni, nauka, tekhnika. XI Seriya. Khimiya, no. 2)

- Improved apparatus for measuring the specific surface area of catalysts from krypton adsorption. N. E. Bulanova, A. P. Kaimukhov. Khim. i kat. 7 no. 1:134-136 Ja-F '66.

- Improving the processing of whale oil. IA. S. Meerov, and others. Masl. i zhi. prom. 32 no. 1:12-15 Ja '66.
- Iron-molybdenum oxide catalyst for oxidation of methanol to formaldehyde. Part 2: Phase composition and nature of the catalytically active component. G. K. Boreskov and others. Khim. i kat. 7 no. 1:144-150 Ja-F '66.

- Kinetics of sorption and chemical reaction on a uniform surface catalyst in a fluidized bed involving complete intermixing of particles and gas. K. P. Lavrovskii, A. L. Litovental'. Khim. i kat. 7 no. 1:151-156 Ja-F '66.

- Mechanism of the reaction of olefins with complex polymerization catalysts. F. S. Dzhachkovskii, A. K. Shilova, A. E. Shitov. Vysokom. soed. 8 no. 2:308-311 F '66.

- Problem of promoters and poisons in the direct synthesis of methyldichlorosilanes. N. P. Lobasovitch and others. Zhur. obshch. khim. 36 no. 2:315-346 F '66.

- Recovery of vanadium from the spent vanadium-potassium-silica gel catalyst from the production of phthalic anhydride. A. P. Shestov and others. Khim. prom. 41 no. 11:350 N '65.

- Reduction of nitrobenzene and o-nitrophenol on a palladium/polyethylene terephthalate catalyst. D. V. Sokol'skii, S. F. Lankin, O. A. Turenkova. Zhur. fiz. khim. 40 no. 3:732-737 Mr '66.

- Regeneration of hydrogen on the surface of a catalyst. D. V. Sokol'skii, G. F. Grebetskina. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 4:55-59 O-D '64.

- Use of the pulse microthermal method for determining the concentration of active centers by catalyst poisoning. B. V. Romanovskii, K. Sh. Tskong (Huo Shih Chung). K. V. Topchilov. Khim. i kat. 7 no. 1:179-181 Ja-F '66.

- Warm-up of catalysts in the oxidation of carbonaceous deposits. IU. M. Zhorov and others. Zhur. fiz. khim. 40 no. 3:537-543 Mr '66.

- Work of porous catalyst grain in the case of nonisothermal fractional-order reaction. V. G. Leychik, IU. I. Kharkova, IU. A. Chirmadzhev. Dokl. AN SSSR 187 no. 1:147-150 Mr '66.

CATAMARANS—HYDRODYNAMICS

Determining the wave pressure on the joining framework of a catamaran. A. M. Frolov. Sudstroenie 86 no. 2: 7-8 F '66.

CATECHOL

Catechol gallates from *Rhus maximoviczii* A. Los. T. K. Chumchalov, L. T. Pashkina. Khim. prirod. soed. 2 no. 1:26-29 '66.

Isolation of crystalline catechols from high-quality black tea. M. A. Iokuchava, N. L. Oragvelidze, A. M. Imanova, P. I. Bokhina, I. M. Kobalidze. 2 no. 2:187-192 Kh.-Ap '66

CATEGORIES OF DIALECTICAL MATERIALISM see Dialectical materialism, Categories of

CATFISHES see subdivision under Dnieper River

CATHEDRALS see subdivision under Leningrad; Spain

CATHEPSIN

Effect of neut on irradiation on the activity of tissue proteases (cathepsins) in the brain and cardiac muscles in rats. S. T. Sadukhov. Izv. AN Azerb. SSR, Ser. biol. nauk no. 5:112-116 '65.

CATHODE RAY OSCILLOGRAPH

Special features of the development of a super high-speed oscillograph. L. S. Bartenov, G. V. Glubovich, K. N. Pitsyn. Trudy GPI 20 no. 2:10-47 '61

CATHODES

Discharge in a hollow cathode. Part I. Comparison of the electrical characteristics of a hollow cathode and a positive column. V. S. Borodin, I. U. M. Kagan, Zhur. tekhn. fiz. 36 no. 1:181-185 Ja '66.

Speed of plasma ionization in a hollow cathode. V. G. Kairashov. Radiotekhn. i elektron. 11 no. 3:571-573 Mr '66.

X-ray investigation of tungsten sheets. V. K. Pirogov, E. G. Shiklov. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3:108-171 '64.

CATHODIC PROTECTION

Design of a cathodic protection network taking into account the electrical field of the anode grounding system. V. N. M'lin. Sber. trud. LIZIT no. 227:130-144 '61.

CATHOLIC CHURCH see subdivision under Spain

CATHOLIC CHURCH—SOCIETIES, ETC. see subdivision under Italy

CATHOLIC CHURCH (BYZANTINE RITES) see subdivision under Ukraine, Western

CATHOLIC CONVERTS see Converts, Catholic

CATIONS

Effect of alkaline and alkaline earth metal cations on the physical electrosensory of a denuded frog nerve. D. S. Vorontsov. Fiziol. zhur. 52 no. 1:22-28 Ja '66.

CATS AS CARRIERS OF DISEASE

Epidemiology of some helminthoconoses in a synanthropic foci. V. S. Kuznetsova, N. M. Marfisi, L. A. Abiamova. Trudy Khim. gos. med. inst. 14:173-175 '61.

Toxocarosis in cats and man. I. R. Drobnitskii. Trudy Khim. gos. med. inst. 14:177-186 '61.

CATTLE—ANATOMY

Morphological changes in the sympathetic and spinal ganglia in practically healthy dairy cows. I. V. Ivanov. Trudy Mosk. vet. akad. 22 no. 2:61-66 '59

CATTLE—DISEASES AND PESTS

Takata-Ara test and the possibility of its use in the diagnosis of liver disease in cattle. K. Bodin. Trudy Mosk. vet. akad. 18 no. 2:1154-159 '57

CATTLE—FEEDING AND FEEDS

(see also subdivision under Belgorod Province, Zaporozh'ye Province)

Chloride increases the weight gain of fattening cattle. I. Gostev. Zakup. sel'khoz. prod. no. 1:27-28 Jn '66.

CATTLE—PARASITES see Parasites—Cattle

CATTLE BREEDING

(see also subdivision under Kzyl-Ordn Province)

Postpartum stimulation and shortening of the period of sterility in cows. V. E. Irlin. Veterinarika 42 no. 1:76-77 Ja '66.

Prophylaxis of sterility in cattle. I. V. Shidlovskii, Veterinarika 42 no. 1:77-79 Ja '66.

CATTLE BREEDING—EXHIBITIONS

Achievements of cattle breeders in the non-Chernozem zone. D. Drevtannikova. Inform. biul. VDNKH no. 4: 25-26 Ap '66.

CATTLE TRADE

(see also subdivision under Krasnodar Territory; Lithuania, Riga District)

Weight and fattiness of livestock. A. Ulianovich. Zilup. sel'khoz. prod. no. 7:21-23 Jn '65

CAUCASUS—AGATES

Agate mineralization of the Upper Cretaceous volcanic formations of the Karakul trough (Lesser Caucasus). I. G. Askerov. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 5:69-71 '65

CAUCASUS—ALLIUM

New series Daghestanian Tcherokashvili from the section (Rizhidium Don of the genus Allium L. N. B. Chelokashvili. Zamp. po stat. i geog. rast. no. 25:83-102 '65.

CAUCASUS—ANTHYLLIS

Note on Anthyllis of Caucasus. L. S. Khitibidze. Zamp. po stat. i geog. rast. no. 25:38-31 '65.

CAUCASUS—CAPERCAILLIE—MOLTING

Molting of the Caucasian capercaillie Tetraogallus caucasicus Pall. Zh. kh. Baku. V. Zool. zhur. 45 no. 1:99-108 '65.

CAUCASUS—CARNELIAN

Carnelian, the "stone of good luck." V. I. Markov. Mat. i inzh. po arkheol. SSSR no. 130:270-271 '65.

CAUCASUS—CINQUEFOIL

Classical habitat and geographical range of the species Potentilla biachypetala Fisch. et Mey. O. A. Kapeller. Zamp. po stat. i geog. rast. no. 25:14-16 '65.

CAUCASUS—FOREST LITTER

Dynamics of the accumulation of forest litter and the enrichment of mountain-forest soils with ash and organic substances on the southeastern slope of the Greater Caucasus. Kh. N. Gasanov. Trudy inst. pochv. i agrokhim. AN Azerb. SSR 13:147-157 '65.

CAUCASUS—GEOLOGY

Structural-facies zoning of the Early Jurassic-Aalen trough in the central and western Caucasus. I. U. G. Leonov. Dokl. AN SSSR 167 no. 1:166-169 Mr '66.

CAUCASUS—GEOLOGY, STRATIGRAPHIC

Middle Triassic sediments in western Ciscaucasia. G. M. Alidatov, P. S. Zhabava. Neftogn. geol. i geofiz. no. 2:22-24 '66.

CAUCASUS—GEOLOGY, STRUCTURAL

History of the tectonic development of the central and western Caucasus in the Early Jurassic and Aalen. I. U. G. Leonov. Biul. MOEP. Ord. geol. 41 no. 1:28-48 Ja-F '66

CAUCASUS—HOLLY

Critical review of Caucasian representatives of the genus Ilex L. R. I. Gagnidze. Zamp. po stat. i geog. rast. no. 25:32-35 '65.

CAUCASUS—LEGUMINOSAE

Some little-known plant species of the Caucasus. L. S. Khitibidze. Zamp. po stat. i geog. rast. no. 25:21-27 '65.

Some rare and critical species of the family Leguminosae from the northern slope of the Greater Caucasus. L. S. Khitibidze. Soob. AN Gruz. SSR 41 no. 1:135-142 Ja '66

CAUCASUS—ORE DEPOSITS

Agate mineralization of the Upper Cretaceous volcanic formations of the Karakul trough (Lesser Caucasus). I. G. Askerov. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 5:69-74 '65

CAUCASUS—PHYTOGEOGRAPHY

Subnival belt of the Greater Caucasus. A. L. Kharadze. Zamp. po stat. i geog. rast. no. 25:103-114 '65.

CAUCASUS—SOILS

Dynamics of the accumulation of forest litter and the enrichment of mountain-forest soils with ash and organic substances on the southeastern slope of the Greater Caucasus. Kh. N. Gasanov. Trudy inst. pochv. i agrokhim. AN Azerb. SSR 13:147-157 '65.

CAUCASUS—VOLCANOES

History of the development of recent volcanism in the central Caucasus. N. V. Koronovskii. Vest. Mosk. un. Ser. 4: Geol. 21 no. 1:96-97 Ja-F '66.

CAUCASUS—WINDBREAKS, SHELTER BELTS, ETC.

Agronomic effectiveness of shelterbelts on the Chernozems of Ciscaucasia. V. N. Kakushkin. Trudy SKLOS no. 6: 122-137 '64

CAUCASUS—WORMWOOD

Species independence and the range of distribution of some Artemisia of the Caucasus. N. A. Minutulaov. Zamp. po stat. i geog. rast. no. 25:59-64 '65.

CAUCASUS, NORTHERN—AGRICULTURE IN AGRICULTURE

Satisfying the interests of farmers. N. Podolov. Gazet. av. 21 no. 1:5-6 Ap '66

CAUCASUS, NORTHERN—AFFORESTATION

Establishment of forest plantations on treeless slopes in the zone of the Caucasian Mineral Waters. V. D. Dementov. Trudy SKLOS no. 6:161-178 '61

CAUCASUS, NORTHERN—BEECH

Artificial reproduction of beech after gradual and group-selection cuttings in the beech and mixed beech and pine plantations of the Northern Caucasus. M. P. Mal'tsev. Trudy Tbil. inst. lesa 14:227-239 '65.

Gradual and group selection cutting in beech forests. A. A. Dzhikro. Trudy SKLOS no. 6:5-15 '61

Growing beech with gradual cutting in connection with the conditions of growing. M. P. Mal'tsev. Trudy SKLOS no. 6:51-70 '61

Natural regeneration of beech, beech-fir, and fir forests due to clear, gradual, and selective cutting. G. T. Belenkov. Trudy SKLOS no. 6:41-50 '61

Young beech stands in the Northern Caucasus and the principles of improvement cutting in them. I. P. Ilatyno. Trudy SKLOS no. 6:16-19 '61

CAUCASUS, NORTHERN—BUILDINGS, PREFABRICATED

In the future or today? V. Belov. Na stroi. Ros. 7 no. 2: 18-20 F '66.

CAUCASUS, NORTHERN—BUTANE

Distribution of butane isomers in the natural gases of the Northern Caucasus. V. I. Ermakov. Dokl. AN SSSR 166 no. 5:1203-1206 F '66

CAUCASUS, NORTHERN—CALVES—FEEDING AND FEEDS

Fattening of calves on the high-mountain pastures of the Northern Caucasus. I. U. G. Leonov. Zakup. sel'khoz. prod. no. 6:29-31 Ju '66.

CAUCASUS, NORTHERN—CONSTRUCTION INDUSTRY

Calculation and research in construction. S. T. Saik'yan. Na stroi. Ros. 7 no. 2:1-3 F '66.

Economic controls in operation. I. V. Emkroti. Na stroi. Ros. 7 no. 2:3-5 F '66.

Mathematical methods in planning and directing construction. I. U. Shakhov. Na stroi. Ros. 7 no. 2:10-17 F '66.

Not one measure but a complex of methods. V. Romanuk. Na stroi. Ros. 7 no. 2:13-14 F '66.

Our work is based on the practice of adopting all advanced methods. N. Kozhnev. Na stroi. Ros. 7 no. 2:9-10 F '66.

CAUCASUS, NORTHERN—CONSTRUCTION INDUSTRY—ACCOUNTING

Method was perfected in the course of an experiment. A. Giger'ev. Na stroi. Ros. 7 no. 2:11 F '66.

CAUCASUS, NORTHERN—ELECTRIC PROSPECTING

Interpretation of materials of the method of a charged body under conditions of anisotropic media. M. A. Vygodnai. Izv. vys. uchob. zav.; geol. i razv. 8 no. 1: 93-99 Ja '66.

CAUCASUS, NORTHERN—FINISHES AND FINISHING

Efficient organization of finishing work. N. Khafalan. Na stroi. Ros. 7 no. 2:17-18 F '66.

CAUCASUS, NORTHERN—FOREST MANAGEMENT

Cutting and reforestation methods in mountain forests of the Northern Caucasus. A. I. Il'in. Trudy Tbil. inst. lesa 14:287-90 '65

CAUCASUS, NORTHERN—FORESTS AND FORESTRY

Forests of the Northern Caucasus and some problems of increasing their productivity. L. I. Ilatyno. Trudy SKLOS no. 6:89-102 '64

Makhach-Kala. Dagestanskii gosudarstvennyi universitet. [Forest vegetation and trees in the Northern Caucasus, abstracts of reports from a conference] Leningradskii i dendroflora Severnogo Kavkaza; teley dokladov konferentsii. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1965. 86 p. (DNAL)

CAUCASUS, NORTHERN—GAS, NATURAL—ANALYSIS

Distribution of butane isomers in the natural gases of the Northern Caucasus. V. I. Ermakov. Dokl. AN SSSR 166 no. 5:1203-1206 F '66.

CAUCASUS, NORTHERN—GAS, NATURAL—GEOLOGY

Geological and geochemical indications of oil- and gas-bearing provinces in Ciscaucasia. V. I. Ermakov. Geol. nefit i gaz 10 no. 1:30-40 Ja '66.

Prospects for finding gas in thinning Jurassic and Cretaceous sediments on the slopes of the Stavropol Arch. P. K. Liakhovich. Gaz, prom. 11 no. 2:4-6 '66.

CAUCASUS, NORTHERN—GEOCHEMICAL PROSPECTING

Geological and geochemical indications of oil- and gas-bearing provinces in Ciscaucasia. V. I. Ermakov. Geol. nefit i gaz 10 no. 1:36-40 Ja '66.

CAUCASUS, NORTHERN—GEOLOGY, STRATIGRAPHIC
Products of under water sliding and downfall in the Goytdk volcanic sedimentary series (northwestern Caucasus). M. G. Lomize, Izv. vyz. ucheb. zav. geol. i razv. 9 no. 123-26 Ja '66.

Tremadoc stage in the Stepnyak-Aksu region (Northern Caucasus). V. S. Zalkin-Novitskiy, L. V. Dzhilalova, Mat. po geol., geofiz. i geokhim. Uka., Kazakh., Zabaik. no. 2, 38-42 '61.

CAUCASUS, NORTHERN—LITERATURES
Toward breathtaking heights. Grigoriy Boyman. Oklady 42 no. 4 211-216 Ap '66.

CAUCASUS, NORTHERN—MAN, PREHISTORIC
Calacomb culture and the northeastern Caucasus. R. M. Munchaev. Abt. i issl. po arkheol. SSSR no. 130 92-96 '65.

CAUCASUS, NORTHERN—MEAT INDUSTRY—MANAGEMENT
Careful, economic management is the main thing. I. Borodin. Prib. SSSR 10 no. 3 60-64 Mr '66.

CAUCASUS, NORTHERN—MUSIC
With composers of the Northern Caucasus. M. Yakubov. Sov. muz. 30 no. 3 108-115 Mi '66.

CAUCASUS, NORTHERN—NUT TREES
Growth of nut-bearing species in mixed forest stands. F. S. Baryshin. Trudy SKLOS no. 6 103-115 '61.

CAUCASUS, NORTHERN—OAK
Effect of the size of the planting sites and the spacing of acorns on the survival and growth of spot-seeded oak in cuttings. P. N. Alekseyev. Trudy SKLOS no. 6 83-88 '64.

Improvement cutting in oak plantations established on forest cuttings with stumps. B. A. Buhli, L. P. Alekseyev. Trudy SKLOS no. 6 116-121 '61.

CAUCASUS, NORTHERN—PALEONTOLOGY, STRATIGRAPHIC
Boundary of the Lower and Middle Eocene according to Foraminifera. A. D. Saibekian. Izv. AN Arm. SSR, Nauk o zem. 18 no. 6 10-13 '65.

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY
Geological and geochemical indications of oil- and gas-bearing provinces in Ciscaucasia. V. I. Ermakov. Geol. nefti i gaza 10 no. 1 36-40 Ja '66.

CAUCASUS, NORTHERN—PETROLOGY
Products of under water sliding and downfall in the Goytdk volcanic sedimentary series (northwestern Caucasus). M. G. Lomize, Izv. vyz. ucheb. zav. geol. i razv. 9 no. 123-26 Ja '66.

CAUCASUS, NORTHERN—PHENOLOGY
Phenological observations during the 1953-1962 period at the Tsalting Forest Tract of the Maykop Logging Combine. A. M. Kulashova. Trudy SKLOS no. 6 210-226 '64.

CAUCASUS, NORTHERN—POPLAR—DISEASES AND PESTS
Harmful insects of poplars in the Northern Caucasus and measures for controlling the main ones among them. M. V. Nasonova. Trudy SKLOS no. 6 130-160 '64.

CAUCASUS, NORTHERN—RADIOACTIVE PROSPECTING
Some data on the anomaly of the natural gamma-radiation field overlying oil and gas fields in western Ciscaucasia. E. M. Uba, V. L. Kripinovich. Geol. nefti i gaza 10 no. 1 40-54 Ja '66.

CAUCASUS, NORTHERN—RAILROADS—MANAGEMENT
Stret economy in electric power consumption. G. Z. Gogoladze. Puti put. khoz. 10 no. 2 127 '66.

CAUCASUS, NORTHERN—REFORESTATION
Artificial reproduction of beech after gradual and group-selection cuttings in the beech and mixed beech and pine plantations of the Northern Caucasus. M. P. Mal'tsev. Trudy Tbil. inst. lesa 14:227-239 '65.

Mechanization of the reforestation work in the Northern Caucasus. F. I. Uichenko. Trudy SKLOS no. 6 190-209 '64.

CAUCASUS, NORTHERN—TRANSPORTATION
Cooperation between railroad and river transportation. T. Koshkarev. Rech. transp. 23 no. 6 6-9 Je '64.

CAUCASUS, NORTHERN—WAGES—CONSTRUCTION INDUSTRY
Material and moral stimulation for improving the quality of work. M. Nozhivenko. Na stroy. Ros. 7 no. 2 22 F '66.

CAUCASUS, NORTHERN—WOMEN—RIGHTS OF WOMEN
Nobody ordered to beat a retreat. E. Golygin. Mol. komm. no. 1 62-70 Ja '65.

CAULIFLOWER see subdivision under Armenia

CAVE DRAWINGS see subdivision under Beloretsk District

CAVES see subdivision under Maritime Territory; Turkmenistan

CAVES—CONGRESSES
4th International Speleological Congress. K. A. Gorbunova. Priroda no. 2:118-119 F '66.

CAVITATION
Calculation of the geometric parameters of the centrifugal stages of pumps with preconnected spiral wheels and given values of cavitation tolerances. V. I. Dunov. Energo-mashinostroyeniye 12 no. 2 41-42 F '66.

Experimental study of the spectral distribution of cavitation noise in water. L. R. Gavrilov. Energomashinostroyeniye 12 no. 2 41-42 F '66.

Reactivity of the martensite and martensite-ferriite class of steel to cavitation. V. V. Fomin, I. I. Kazarnovskiy. Stal' 26 no. 2 171-173 F '66.

CELESTIAL MECHANICS see Mechanics, Celestial

CELLIAC ARTERY—RADIOGRAPHY
Selective angiography of the celiac artery. Kh. D. Kulieva. Azerb. med. zhur. 41 no. 12 8-11 D '64.

CELL DIVISION (BIOLOGY)
Reproduction of nerve cells. Kh. Tseretev. Trudy Mosk. vet. akad. 22 no. 2 28-29 '58.

Significance of the sulfhydryl groups of protein in the process of mitotic cell division. I. A. Alov, M. E. Aspi. Dokl. AN SSSR 168 no. 4 865-867 F '66.

CELL METABOLISM
Quantitative study of proliferating normal and tumoral liver cells of rats and mice. Report No. 1. Cytophotometric study of the regulation of cell metabolism in living isolated cells of the regenerating liver of a rat. V. M. Brestler and others. Tsitologia 8 no. 1 59-69 Ja-F '68.

CELL NUCLEI
Cytogenetic effect of some organochlorine insecticides on the cell nuclei of the murine marrow. D. S. Mankin, Gendlika no. 1 132-137 Ja '66.

Regeneration of macrophages in Paramoecium caudatum. D. V. Osipov. Tsitologia 6 no. 1 108-110 Ja-F '66.

CELLS
Determination of live and dead cells in cultures of protozoal algae. M. N. Pimenova, E. N. Zhdannikova, I. V. Makshimova. Mikrobiologiya 34 no. 6 1060-1063 N-D '65.

Leonov, B. V., and V. V. Shikhodiyrov. [Lascis and the cell] Lazov i kletka. Moskva, Znanie, 1966. 25 p. (Novos v znanii, nauke, tekhnike. VII Seriya; Biologiya i meditsina, no. 3)

CELLULOSE
Methods of determining cellulase activity. N. A. Rodionova and others. Prikl. biokhim. i mikrobiol. 2 no. 2 197-205 Mi-Ap '66.

CELLULOSE
Coloring matter of cellulose. G. S. Chirkina, D. V. Tishchenko, Zhur. prikl. khim. 39 no. 2 432-435 F '66.

Modification of cellulose properties by the graft of vinyl polymers. Report No. 1. N. P. Perokul'skii and others. Trudy LITTSBP no. 17 15-16 '65.

Phosphorylation of modified cellulose preparations by means of phosphoric acid chlorides. A. I. Iudashov and others. Vysokom. sood. 8 no. 2 231-234 F '66.

Production of high-quality cotton cellulose from short-stapled Inters. L. E. Akim, Kh. U. Usmanov, T. M. Mirkamilov. Trudy LITTSBP no. 17 25-30 '65.

Some characteristics of the formation of free radicals during vibration pulverization of cellulose. G. I. Gokhov, G. V. Abagjan, P. I. Bulagin, Izv. vyz. ucheb. zav. i les. zhur. 8 no. 6 135-139 '65.

Synthesis of graft copolymer of cellulose and polyvinyl caprolactam. F. Bingimov, F. P. Sidel'kovskaya, M. A. Askarov. Vysokom. sood. 8 no. 2 247-250 F '66.

Synthesis of 2,3-anhydro-6-O-trityl cellulose. G. N. Smirnova and others. Khim. prirod. sood. 2 no. 1 3-8 '66.

CELLULOSE ACETATES
Determination of the role played by a nonsolvent in the degradation of fibrous cellulose triacetate in an acetylating mixture. E. P. Kuznetsova, N. I. Klenkova, Zhur. prikl. khim. 39 no. 2 478-481 F '66.

Effect of the thickness of triacetate films on their impact strength. G. I. Belorusets, L. A. Khomutova. Trudy NIKFI no. 50 50-53 '62.

Phase equilibrium in the systems: polymer - binary solvent. Part 2: Sorption of binary solvent components by secondary acetyl cellulose. L. A. Rool, A. P. Petrovskii, S. A. Glikman. Koll. zhur. 28 no. 1 118-119 Ja-F '66.

Structural and analytical characteristics of the products of advanced-stage hydrolysis of cellulose acetate. G. A. Peltopavlovskii, G. Rakhmanberdiev, Zhur. prikl. khim. 39 no. 2 423-427 F '66.

Synthesis, characteristics, and some properties of graft copolymers of cellulose acetates and poly-2-methyl-5-vinylpyridine. R. L. Kavaliunas and others. Vysokom. sood. 8 no. 2 240-246 F '66.

Testing of polymeric films for resistance to breaking. G. I. Rudvigina, G. I. Belorusets, L. F. Kilmova. Trudy NIKFI no. 50 73-84 '62.

CELLULOSE ESTERS
Synthesis and chemical transformations of cellulose phosphates. D. A. Prudnikov, E. E. Nifant'ev, Z. A. Rogovin. Vysokom. sood. 8 no. 2 213-218 F '66.

CELTIC ANTIQUITIES see subdivision under Dniester Valley

CELTS see subdivision under Ural Mountain region

CEMENT
Borozovskii, V. I. [Anhydride cement made of phosphorus gypsum] Angidrirovyy tsement iz fosfogipsa. Minsk, Belarus', 1964. 28 p. [MICROFILM]

Cement for precast reinforced concrete prepared by steaming. L. V. Kravchenko, I. U. F. Kaznelsova, G. I. Chistakov. Bet. i zhol. bet. 11 no. 3 4-7 Mr '65.

Effect of various additives on the quality of cement prepared on the basis of a clinker with an increased magnesium oxide content. I. U. Nikiforov, R. A. Chepik. Trudy Giprotsement no. 28 33-48 '64.

Materials containing γ -C₂S are autoclave hardened cements. P. I. Bozhinov, V. V. Rodionova. Trudy Giprotsement no. 28 83-83 '64.

Mild hydration heat cement for the Ingul arch dam. P. P. Tsalukidze, N. L. Monina, Z. S. Avaliani. Gidr. stol. 35 no. 2 27-29 F '65.

CEMENT—ANALYSIS
Turbidimetric determination of sulfur in cement materials. I. V. Bogdanova, E. P. Kobrina. Trudy Giprotsement no. 28 118-128 '64.

CEMENT—ELECTRIC PROPERTIES
Possibility of controlling the wetness of slurry by measuring its electric conductivity. V. A. Neliidov. Trudy Giprotsement no. 28 102-107 '64.

CEMENT—THERMAL PROPERTIES
Heat release of cement in concrete. I. S. G. Ginzburg, A. P. Epifanov. Gidr. stol. 35 no. 1 12-15 Ja '66.

CEMENT—TRANSPORTATION
Foreign cement trucks. A. I. Mal'kov, A. Kh. Gokht, Stroi. dor. mash. 10 no. 11 27-29 N '65.

CEMENT CLINKERS
Effect of various additives on the quality of cement prepared on the basis of a clinker with an increased magnesium oxide content. I. U. Nikiforov, R. A. Chepik. Trudy Giprotsement no. 28 33-48 '64.

Gypsum as a mineralizer in the roasting of portland cement clinker. I. B. Pod'acheva. Trudy Giprotsement no. 28 26-32 '64.

Possibility of using the mineral part of Leningrad oil shales of gross extraction for the manufacture of fuel clinker. V. S. Kopylovich, L. A. Gaidenstein. Trudy Giprotsement no. 28 64-62 '64.

CEMENT KILNS—DESIGN AND CONSTRUCTION
Technical and economic comparison of the methods of manufacturing rotary kiln bodies. M. G. Kozulin. Avtom. avor. 18 no. 2 50-57 F '65.

CEMENT PLANTS—EQUIPMENT AND SUPPLIES
Vorob'eva, M. A. [Course in designing equipment for cement plants] Kursy po projektirovaniyu po oborudovaniyu tsementnykh zavodov. Moskva, Mosk. khimiko-tekhnologicheskii in-t, 1965. 74 p.

CEMENTATION (METALLURGY)
Studying the kinetics of copper and silver cementation by metallic iron from sulfate solutions. M. L. Epliskoposian, I. A. Kakovskii. Izv. vyz. ucheb. zav. i tsvet. met. 9 no. 1 34-40 '66.

CEMENTATION (METALLURGY)—MATHEMATICAL MODELS
Construction of a mathematical model of the continuous cementation process. V. A. Ivanov, D. I. Lefevskii, V. M. Tokiev. Izv. vyz. ucheb. zav. i tsvet. met. 9 no. 1 153-160 '66.

CENSORSHIP
Literary newspapers of the 1830's and 1840's and the censorship. A. I. Stan'ko. Vent. LGU 20 no. 2 116-127 '65.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL CHERNOZEM ECONOMIC REGION—SUN-FLOWERS

Increasing the production of vegetable oil. I. L. Tsian-chuk Masl., zhur., prom., 32 no. 1-7-8 Ja '66.

CENTRAL CHERNOZEM REGION—ATMOSPHERE

Study of regional characteristics of the tropopause. T. M. Ivashto, Sbor. rab. kuzsk. gidromet. obser., no. 3 117-127 '65.

CENTRAL CHERNOZEM REGION—ELECTRIC LINES—OVERHEAD

Conditions for the formation of glazed ice deposits on wires in the Central Chernozem provinces. V. A. Samokhvalova, Sbor. rab. kuzsk. gidromet. obser., no. 3: 5-21 '65.

CENTRAL CHERNOZEM REGION—HUMUS

Change in the composition of humus in Chernozems of the forest-steppe zone in the Central Chernozem Region when they are being brought under cultivation. G. A. Shevchenko, Agrobiol. no. 3 145-150 Mr '66.

CENTRAL CHERNOZEM REGION—ICE

Conditions for the formation of glazed ice deposits on wires in the Central Chernozem provinces. V. A. Samokhvalova, Sbor. rab. kuzsk. gidromet. obser., no. 3: 5-21 '65.

CENTRAL CHERNOZEM REGION—RIVERS

Basic parameters of seasonal streamflow of the Central Chernozem provinces. M. P. Kolpacheva, Sbor. rab. kuzsk. gidromet. obser., no. 3 97-108 '65.

Hydrogeological conditions of the formation of minimum flow of rivers of the Central Chernozem provinces. A. G. Kundov, Sbor. rab. kuzsk. gidromet. obser., no. 3 109-116 '65.

CENTRAL CHERNOZEM REGION—RUNOFF

Basic parameters of seasonal streamflow of the Central Chernozem provinces. M. P. Kolpacheva, Sbor. rab. kuzsk. gidromet. obser., no. 3: 97-108 '65.

Hydrogeological conditions of the formation of minimum flow of rivers of the Central Chernozem provinces. A. G. Kundov, Sbor. rab. kuzsk. gidromet. obser., no. 3: 109-116 '65.

CENTRAL CHERNOZEM REGION—STREAM MEASUREMENTS

Distribution (frequency) curves of diurnal river discharges of the Central Chernozem provinces. M. P. Kolpacheva, Sbor. rab. kuzsk. gidromet. obser., no. 3: 95-96 '65.

CENTRALIZED AUTOMATIC CONTROL SYSTEMS

Communication system of a digital computer with regulated plants. A. K. Davydovskii and others, Avtom. i telemek. no. 2: 82-92 '65.

Problems of the design of centralized regulation and control systems. V. R. Voronovskii, M. G. Geshelin, V. P. Faddeev, Trudy VNIKAkhelgaz. no. 1 168-196 '65.

CENTRIFUGAL CASTING

Calculating the rate of mold rotation in iron pipe casting. V. G. Shilin, Lit. protzv. no. 2: 1-2 F '66.

Centrifugal casting of pipe made of molten slag. I. A. Chernilevskii, S. N. Miller, Lit. protzv. no. 2: 3-4 F '66.

CENTRIFUGAL PUMPS

Effect of air on the operation of a system of centrifugal pumps and pipelines, an experimental study. V. I. Volodarskii, Nauch. trudy KHMU. no. 60 41-58 '62.

CENTRIFUGES

Automatic control of the MG-350 centrifuge. S. I. Mordovskii, N. N. Urgan, Khim. i nef. mashinost. no. 1: 1-7 Ja '66.

Economic effectiveness of a centrifugal oil filter. V. L. Shcherban', Ryb. khoz. 10 no. 8: 75-80 '61.

Effectiveness in using plates in NOGSh centrifuges. M. M. Vasil'ev, Khim. i nef. mashinost. no. 1 15-17 Ja '66.

CENTROPHENOXINE—PHYSIOLOGICAL EFFECT

Effect of centrophenoxine on the higher nervous activity in dogs. V. Potkov, S. Popov, Farm. i toks. 29 no. 1: 8-12 Ja-F '66.

Mechanism of the effect of centrophenoxine on the nervous system. M. L. Tarakhovskiy, I. E. I. Slyvko, I. B. Symon, Fiziol. zhur. [Ukr.] 12 no. 1: 108-110 Ja-F '66.

CEPHALARIA see subdivision under Dagestan

CEPHALOPODA, FOSSIL

Biostratigraphic basis of the cross section of Ordovician sediments according to Cephalopoda. Z. G. Balashov, Vest. LGU 21 no. 6: 5-17 '66.

CEPHEIDS

Why are Cephei-type stars pulsating? R. Kippenhahn, A. Valgert, Zom. i vesl. 2 no. 1: 10-16 Ja-F '66.

CERAMIC MATERIALS

(see also subdivision under Ukraine)

Variation in the conductance and rate of creep of sintered ceramics from GaO_2 during its reduction. D. N. Polubotaiyev and others, Izv. AN SSSR Neorg. mat. 2 no. 2 336-312 F '66.

CERAMIC MATERIALS—TESTING

Strength of ceramics of pure oxides. M. A. Mal'tsev, G. M. Mal'tsev, F. I. A. Khaitonov, Izv. AN SSSR, Neorg. mat. 2 no. 2 395-102 F '66.

Vizh. V. A. [Control of the quality of ceramic building materials] Kontrol' kachestva keramicheskikh stroitel'nykh materialov. Kiev, Budivelnik, 1966. 123 p.

CERAMIC METALS

Ceramic metal materials for magnetic wedges of electrical machines. A. B. Altman, P. A. Gladyshev, I. D. Rastanac, Elektr. tekhnika 37 no. 2 8-10 F '66.

Determining the permitted cutting speed in machining pairs of ceramic-metal alloys. V. V. Balatskii, Samoletost. i tekhn. vozdukh. no. 1 139-143 '65.

Developing materials for seals in steam turbine. Report No. 1. V. N. Miroshnikov, Porosh. met. 6 no. 1: 23-28 Ja '66.

Electrochemical method of grinding ceramic metal alloys. J. Stanek and others, Elekt. obr. mat. no. 1: 47-18 '65.

Gas liberation from tungsten at 2,500°C. V. T. Buzitsv and others, Porosh. met. 6 no. 1: 50-54 Ja '66.

Investigating conditions of producing materials on a boron and aluminum nitride base. L. I. Prikhod'ko, Porosh. met. 6 no. 1: 17-22 Ja '66.

Relation between the total and apparent porosity in ceramic metal Cu-Sn-C materials. A. B. Altman and others, Porosh. met. 6 no. 1: 41-15 Ja '66.

Use of ceramic-metal materials in modern industrial equipment. I. M. Fedorchenko, Inform. blud. VDNKh no. 6: 5-7 Ja '61.

CERAMIC METALS—FATIGUE

Equipment for testing small specimens for thermal fatigue. V. I. Shvidenko, B. A. Lashchenko, Porosh. met. 6 no. 1, 69-11 Ja '66.

CERAMIC METALS—HARDENING

Ways of improving the strength of high-melting compounds. P. P. Budnikov, F. I. A. Khaitonov, Porosh. met. 6 no. 3 88-95 Mr '66.

CERAMIC METALS—MAGNETIC PROPERTIES

Studying the properties of ferromagnetic ceramic metal materials by the eddy current method. V. A. Danilenko, A. V. Zyrim, Porosh. met. 6 no. 2 92-96 F '66.

CERAMIC METALS—METALLOGRAPHY

Investigating the conditions of hard alloy formation with a nonuniform distribution of the carbide phase. Report No. 1. A. N. Krushinskii, Porosh. met. 6 no. 3 50-63 Mr '66.

CERAMIC METALS—TESTING

Investigating regularities of changes in impact toughness of certain ceramic metals at low temperatures. I. M. Storaizhevskii, N. A. Filatova, Porosh. met. 6 no. 1: 62-68 Ja '66.

Resistance of hard alloys to ultimate plastic deformations. V. M. Pelepin, Porosh. met. 6 no. 3: 101-108 Mr '66.

Strength characteristics of porous metal-film made of high-melting compounds. F. M. Prakhodimskaya, I. U. P. Kuleva, V. M. Sleptova, Porosh. met. 6 no. 3: 81-87 Mr '66.

Strength under the effect of flexure of iron and copper base ceramic metal materials in the low-temperature range. I. M. Storaizhevskii, N. A. Filatova, Porosh. met. 6 no. 2 63-68 F '66.

Studying the strength and plasticity of ceramic metal iron under tension at low temperatures. V. N. Rudenko, I. M. Storaizhevskii, Porosh. met. 6 no. 3 98-99 Mr '66.

CERAMIC PLANTS—EQUIPMENT AND SUPPLIES

Device for separating saucers stuck together after glazing and firing. I. A. I. Melnikov, E. A. Skvorisov, Stek. i ker. 23 no. 3: 33 Mr '66.

Fluoroplastic suction device for the SKV-2 semiautomatic machine. T. V. Sladova, Stek. i ker. 23 no. 3: 34 Mr '66.

Semiautomatic machine for a combination method of shaping inkwell. M. N. Lienda, M. G. Ruban, Stek. i ker. 23 no. 3: 34-36 Mr '66.

CERAMICS

Advantages of ceramic panels. P. I. Anishevskii, S. Kulchitskii, P. Rudenko, Stroitel. arkh. 14 no. 3: 40 Mr '66.

Basic objectives of the building ceramics industry in 1966-1970. Stek. i ker. 23 no. 3: 2-3 Mr '66.

Caking bodies for the manufacture of building materials for sanitary engineering. E. S. Butylova, I. A. Bulavin, Stek. i ker. 23 no. 3: 28-28 Mr '66.

Nikuln, N. V., and V. V. Kortnev. [Manufacture of electroceramic items] Proizvodstvo elektrokeramicheskikh izdelii. Moskva, Vysshaya shkola, 1965. 282 p.

We are ready to greet the 23d Congress of the CPSU, Stek. i ker. 23 no. 3: 1 Mr '66.

CERAMICS—CONGRESSES

Scientific and technical conference in Tbilisi. Stek. i ker. 23 no. 3: 15-16 Mr '66.

Seminar of laboratory and organizational and technical control heads in ceramic building material plants. T. Kh. Fedorova, Stek. i ker. 23 no. 3: 46 Mr '66.

CEREAL PRODUCTS—EXHIBITIONS

Reduced quality flour and cereal products. I. B. B. B. Inform. blud. VDNKh no. 1 28 Ja '66.

CEREAL PRODUCTS—TRANSPORTATION

Losses of pressure, expenditure of energy, and optimal conditions in vertical pneumatic conveying of grain products. V. Pal'tsev, Muk. elev. prom. 12 no. 2: 18-22 F '66.

CEREBELLUM

Cholinesterase dynamics in cells of the cerebellar cortex of a cat in ontogeny. A. V. Sakharova, Istologiya 8 no. 1: 51-59 Ja-F '66.

CEREBRAL ARTERIOSCLEROSIS

Some pathogenic mechanisms of temporary disorders of cerebral blood circulation in arteriosclerosis of cerebral vessels. N. N. Okhimenko, V. I. Bakhar, Voen.-med. zhur. 12 no. 2 76-78 F '66.

CEREBRAL CORTEX

Discharge of single neurons and direct responses of the somatosensory cortex in kittens. T. D. Dzhuravskii, Fiziol. zhur. 52 no. 3: 221-227 Mr '66.

Morphological and functional organization of the anterior areas of the cerebral cortex in cats. A. S. Baluev, Vest. LGU 21 no. 3: 156-169 '66.

Role of the cerebral cortex in the stimulation and inhibition of the motor function of the mammary glands. E. P. Kokorina, Izv. AN SSSR, Ser. biol. no. 2: 214-263 Mr-Apr '66.

Study of disrupted correlations between cortical activity and some vegetative functions in animals according to data on EFG, pneumography, and electrodermography. N. F. Baskina, Zhur. nevro i psikh. 66 no. 3 408-417 '66.

CEREBRAL CORTEX—INNERVATION

Functional characteristics of individual neurons of the cerebral cortex in pigeons. N. N. Vasilevskii, Biol. eksp. biol. i med. 61 no. 1: 9-13 Ja '66.

CEREBRAL CORTEX—SURGERY

Morphological analysis of the cerebral cortex and some subcortical formations following section of the internal capsule. G. P. Obukhova, Biol. eksp. biol. i med. 61 no. 1 83-87 Ja '66.

CEREBRAL CORTEX—WOUNDS AND INJURIES

Mechanisms of the distribution of a generalized activation of the cerebral cortex following its mechanical trauma. S. K. Rogacheva, Biol. eksp. biol. i med. 61 no. 1 33-36 Ja '66.

CEREBRAL HEMORRHAGE see Apoplexy

CEREBRAL PALSY

Surgery on tendons of the lower extremities in cerebral palsy. L. I. Polukhova, Z. Kh. Zigel'boim, Ortop., travm. i protez. 27 no. 3: 15-20 Mr '66.

CEREBROSPINAL FLUID

Electrophoresis of the cerebrospinal fluid in the diagnosis of tuberculous meningitis. G. M. Kluver, I. A. B. Khmara, Zhur. nevro i psikh. 66 no. 3: 316-340 '66.

Study of gold distribution in the cerebrospinal fluid in some nervous diseases by the method of neutron activation. T. I. Chikovani and others, Soob. AN Gruz. SSR 41 no. 1 245-210 Ja '66.

CEREBROSPINAL FLUID—ANALYSIS

Activity of copper oxidase in the blood and cerebrospinal fluid of patients with syphilitic lesion of the central nervous system. N. I. Tumanova, A. M. Borisenko, Zhur. nevro i psikh. 66 no. 3: 391-393 '66.

CEREBROSPINAL MENINGITIS see Meningitis, Cerebrospinal

CEREBROVASCULAR DISEASE

Cerebral insult and invalidity. P. P. Penchev, Trudy LIETIN no. 18: 62-72 '65.

Changes in the cerebral vessels in children with rheumatic fever. M. A. Izrael'skaya, Arkh. pat. 28 no. 1 39-44 '66.

Early hospitalization of patients with acute cerebral circulatory disorders. D. G. Shefer and others, Sov. med. 29 no. 1: 49-54 Ja '66.

Electroencephalographic study of hyperemia of the cranio-cerebral cavity. N. N. Benina, V. N. Levin, G. P. Leonov, Fiziol. zhur. 52 no. 1: 3-7 Ja '66.

CHEMICAL BONDS (Continued)

- Intensity of lines of the stretching vibration of C-O bond in Raman spectra as dependent on the electro-negativity of substituents at this bond. L. V. Levenchenko, I. A. Kuzhnikov. *Izv. AN Kazakh SSR, Ser. khim. nauk* no. 3, 52-54. 1964.
- Interatomic distances in nonaromatic hydrocarbon bonds in the light of hybridization theory. B. M. Mikhailov. *Zhur. ob. khim.* 36 no. 2, 365-370 F '60.
- Properties of intermolecular bonds in complexes with no-type charge transfer. I. G. Aizmanova, E. N. Guriyanova. *Dokl. AN SSSR* 166 no. 5 1151-1154 F '66.
- Shustrovich, E. M. [Chemical bond in organic compounds] *Khimicheskaya svyaz' v organicheskikh soedineniyakh* Moskva, Znaniye, 1966, 64 p. (Novoe v zhizni, nauka, tekhnika. XI Seriya. Khimiya, no. 3)
- Three-membered rings. Report No. 3. Taft's constants for three-membered rings. O. A. Iuzhakova, V. I. Bystryy, R. G. Kostianovskii. *Izv. AN SSSR, Ser. khim.* no. 2, 240-245 '66.
- Valence vibrations of the amino group in compounds of aniline with zinc, cadmium, and mercury. M. S. Bazvinok, I. S. Bukhareva, I. S. Varshavskii. *Zhur. neorg. khim.* 10 no. 10, 2293-2295 O '65.

CHEMICAL ELEMENTS

(see also subdivision under Azerbaijan)

- Accumulation of some chemical elements by freshwater algae. E. A. Gileva. *Trudy Inst. biol. UFAN SSSR* no. 45, 5-31 '65.
- Akademiya nauk SSSR. Institut geokhimi i analiticheskoi khimii. [Analytical chemistry of the elements] *Analiticheskaya khimiya elementov*. Moskva, Nauka, 1965-2 v. (NJP)
- Dependence of the radioactivity and content of chemical elements on the mechanical composition of sedimentary rocks. A. L. Kovalevskii. *Geokhimiya* no. 3, 392-398 Mr '60.

Microcomponents in the underground waters of the Caspian region. V. M. Shchepak, E. S. Gavrilenko. *Geol. i geofiz. nef. i gaz. mostorozh.* no. 3, 57-63 '65.

CHEMICAL ELEMENTS—ANALYSIS

- Isotopes and elemental analysis. N. Narzykulov. *Atom. energ.* 20 no. 1, 84-95 Ja '60.

CHEMICAL ENGINEERING

- Determining the optimum conditions of the recycling process. B. A. Arefev. *Khim. prom.* 41 no. 11, 849-853 N '65.
- Stetic optimization of multicomponent rectification units. V. P. Melkov, V. A. Abramov. *Khim. prom.* 41 no. 11: 853-858 N '65.

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

- [Chemical and refrigeration machinery manufacture] *Ref. zhur.: Khim. i khol. mashinost.* no. 2 F '68.
- Rekhsafet' V. O. and L. N. Erkova. [Equipment for the production of basic organic synthetics and synthetic rubbers] *Oborudovanie proizvodstva osnovnogo organicheskogo sinteza i sinteticheskikh kauchukov*. Moskva, Khimiya, 1965, 623 p. diagr. (insert)

CHEMICAL EQUILIBRIUM

- Isopiestic method of physicochemical analysis. Part 1: Metric of isopiestic diagrams. V. M. Vdovenko, M. A. Riazanov. *Radiokhimiya* 8 no. 1, 51-59 '68.
- Studying the equilibrium conditions of hydrogen sulfide and sulfuric anhydride in joint presence over the white liquor in sulfate woodpulp production. O. I. Sokolova, V. P. Maksimov. *Trudy LITISBP* no. 17, 118-121 '65.

CHEMICAL GENETICS

- Comparative analysis of interrelationships between the origin of chromosome mutations, induced by chemically active substances and ionizing (gamma rays) radiation, and the physiological state of seeds. N. I. Nuzhdin, N. S. Samokhvalova. *Dokl. AN SSSR* 166 no. 5, 1217-1220 F '66.
- Specific modification of mutational variations of chromosomes induced by a chemical mutagen. N. P. Dubinin, L. A. Sulkova, V. K. Shcherbakov. *Dokl. AN SSSR* 166 no. 5, 1214-1216 F '66.

CHEMICAL INDUSTRIES

- (see also subdivision under East Siberian Economic region; Kazakhstan)
- Activity of the committees of the trade union in the carrying out of the social competition for greening in a worthy manner the 23d Congress of the CPSU. *Neftekhimik* 10 no. 12, 30-31 D '65.
- Alisov, N. V., and B. G. Ostrovskii. [Chemistry and geography] *Khimiya i geografiya*. Moskva, Znaniye, 1966, 46 p. (Novoe v zhizni, nauka, tekhnika. XII Seriya. Nauka o zemle, no. 2)
- Catalytic process as an object of an adaptive control system. A. I. Shelomanov, V. B. Skomorokhov, O. A. Malinovskaya. *Izv. SO AN SSSR* no. 10 Ser. tekhn. nauk no. 3, 45-50 '64.

Characteristics of objects of automatic regulation and control. R. I. Kotliar. *Nauch. trudy AKKH* no. 34: 28-16 '65.

Chemicalization as a manifestation of technological progress. V. V. Samarin. *Mezhvoz. filos. abor. Kish un.* no. 4, 25-30 '64.

Chemistry, power production, and fuel. V. Moskvina. *Kommunist* 42 no. 4, 36-38 Mr '66.

CHEMICAL INDUSTRIES—AUDITING AND INSPECTION

Dvoretskii, V. I., and A. M. Eidinov. [Special features of the analysis of the managerial operations of a chemical enterprise] *Osobennosti analiza khozraschetnoy deyatelnosti khimicheskogo predpriyatiya*. Moskva, Finansy, 1965, 80 p.

CHEMICAL INDUSTRIES—EQUIPMENT AND SUPPLIES

Experience in the use of automatic pH meters in the aniline dyes industry. G. F. Lolotekii, L. G. Shkurenko. *Khim. prom.* 42 no. 3, 234-236 Mr '66.

CHEMICAL INDUSTRIES—FINANCE see subdivision under Moscow Province

CHEMICAL INDUSTRIES—MANAGEMENT

(see also subdivision under Kirovakan)

Ways to economize power supply resources in the chemical industry. V. V. Vozdvizhenskii. *Khim. prom.* 42 no. 3, 161-164 Mr '66.

CHEMICAL INDUSTRIES—PRODUCTION CONTROL

Leningrad Gosudarstvennyi institut prikladnoi khimii. [Instrumentation and regulators developed by the State Institute of Applied Chemistry] *Kontrol'no-izmeritel'nye pribory i regulatory, razrabotannyye v GIPKh*. Leningrad, Goskhimizdat, 1963, 61 p. (Izv. Trudy, no. 50)

CHEMICAL MACHINERY

Electrically welded pipes made from 10 and 20 carbon steel for chemical machinery manufacturing. M. M. Kristan, L. L. Kiavchenko. *Khim. i nef. mashinost.* no. 1, 34-37 Ja '65.

Pul chemical and petroleum machinery manufacturing plants at the service of the national economy. *Khim. i nef. mashinost.* no. 1, 1-3 Ja '66.

CHEMICAL MODELS

Modeling of surface energy. K. K. Sirelov, I. L. Shchelinkova. *Zhur. fiz. khim.* 40 no. 3, 516-519 Mr '66.

CHEMICAL PLANTS—DESIGN AND CONSTRUCTION

(see subdivision under Kotlas (Archangel Province))

CHEMICAL PLANTS—ELECTRIC EQUIPMENT

Requirements of explosionproof oil-filled apparatus. V. B. Tranov. *Elektrotekhnika* 37 no. 2, 35-38 F '66.

CHEMICAL PLANTS—HEATING AND VENTILATION

Solvent losses in the ventilation air of extraction shops. A. I. Chelyshev. *Masl. i zhir. prom.* 31 no. 1, 12-15 Ja '65.

CHEMICAL REACTION, HEAT OF

- Chemical heat and entropy of hydration of a ferricyanum cation. A. A. Pendin, M. S. Zakhar'evskii, P. K. Leont'evskaja. *Zhur. ob. khim.* 36 no. 3, 397-401 Mr '66.
- Method of calculating the correction for heat transfer between a calorimetric system and its environment in long duration reactions. T. V. Fomina, N. P. Dymarchuk, I. E. Filis. *Trudy LITISBP* no. 16, 71-73 '65.
- Use of the heat of chemical reactions for the thermal treatment of liquid radioactive wastes. V. G. Veresunov and others. *Atom. energ.* 20 no. 3, 277-279 Mr '66.

CHEMICAL REACTION, RATE OF

- Calculation of rate constants for ammonia synthesis in a reversible poisoning of the catalyst with water vapor in flow systems. I. A. Smirnov. *Kin. i kat.* 7 no. 1, 107-115 Ja-F '66.
- Calculation of the rate constant for multistage processes. E. A. Pshenichnov. *Dokl. AN SSSR* 166 no. 5, 1162-1164 F '66.
- Chromatographic determination of the rate constant and activation energy of a catalytic reaction from the product yield curve. V. I. Filinovich, G. A. Gaziev, M. I. Ivanovskii. *Dokl. AN SSSR* 167 no. 1, 143-146 Mr '66.
- Derivation of kinetic equations for unsteady polymerization. A. A. Korotkov, A. F. Podolskii. *Vysokom. soed.* 8 no. 2, 332-333 F '66.
- Effect of inverse stages on the kinetics of chemical reactions. I. F. Bakharova, A. F. Krylov. *Zhur. fiz. khim.* 40 no. 3, 568-573 Mr '66.
- Effect of ionized radiation and other factors on the rate of topochemical processes of decomposition of various inorganic compounds. V. A. Gordeeva and others. *Kin. i kat.* 7 no. 1, 82-88 Ja-F '66.

Exchange of an amino group for aromatically combined chlorine. Part 12: Kinetics of the reaction of o-nitrochlorobenzene and its p-nitromethylsulfonate and trifluoromethyl derivatives with ammonia in methyl alcohol. L. A. Kozorez, S. M. Shein, N. N. Vorozhtsov Jr. *Zhur. ob. khim.* 35 no. 3, 424-428 Mr '65.

Kinetics of cyclohexane dehydrogenation in a gradientless system. Part 2. A. A. Andreev, D. M. Shopov, S. L. Kiperman. *Kin. i kat.* 7 no. 1, 120-127 Ja-F '66.

Kinetics of fast high-temperature reactions studied by means of a mass spectrometer. Part 1: Thermal decomposition of acetone. M. M. Ghibud, F. B. Molin, V. U. Shevchuk. *Kin. i kat.* 7 no. 1, 157-168 Ja-F '66.

Kinetics of recombination and disproportionation of alkyl radicals. A. D. Stepanovich, V. A. Ulitskii. *Usp. khim.* 35 no. 3, 187-507 Mr '66.

Kinetics of solid-phase processes. M. M. Sychev, E. S. Kichkina, M. A. Astakhova. *Trudy Giprosnefti* no. 28: 3-15 '61.

Kinetics of the thermal decomposition of zinc sulfate. A. G. Zvezdin, V. V. Pechkovskii. *Sbui. nauch. iud. Perm. politekh. inst.* no. 10, 97-104 '61.

Oxidation-reduction reactions of actinide elements Part 1: Kinetics of reactions between neptunium (IV) and neptunium (VI) in perchlorate solutions. A. G. Rykov, G. N. Iakovlev. *Radiokhimiya* 8 no. 1, 20-26 '66.

Oxidation-reduction reactions of actinide elements Part 2: Kinetics of reaction between neptunium (IV) and neptunium (VI) in nitrate solutions. A. G. Rykov, G. N. Iakovlev. *Radiokhimiya* 8 no. 1, 27-32 '66.

Oxidation-reduction reactions of actinide elements Part 3: Kinetics of reaction between uranium (IV) and lanthanide ions in perchlorate solutions. A. G. Rykov, V. I. Vasil'ev, G. N. Iakovlev. *Radiokhimiya* 8 no. 1, 33-42 '66.

Speed of reduction of chromium oxide by carbon dissolved in liquid iron. V. I. D'jakonov, S. I. Popov. *Izv. vuz. ucheb. zav. Chern. met.* 9 no. 3, 5-7 '66.

CHEMICAL REACTIONS

Development of research on chemical reactions in solids, all-Union conference in Moscow. B. M. Kadana-ist. *Vest. AN SSSR* 36 no. 2, 162-166 F '66.

CHEMICAL REACTORS

Catalytic oxidation of methyl alcohol as influenced by the reactor diameter. M. V. Polnikov and others. *Dokl. AN SSSR* 166 no. 1, 132-134 Mr '66.

Continuous ethylene polymerization under high pressure in reactors with mixing devices. M. I. A. Bolnikov and others. *Plast. massy* no. 3, 1-4 '66.

Effect of the concentration gradients of reagents and temperature on the effectiveness factor of a porous particle of the catalyst, and the boundaries of existence of stationary conditions. L. M. Plin'men. *Dokl. AN SSSR* 167 no. 1, 151-151 Mr '66.

Unit for laboratory study of cheminuclear synthesis. F. M. Brazhnikov and others. *Atom. energ.* 20 no. 3, 270-281 Mr '66.

Use of the principle of the maximum in determining the optimal regime for a chemical reactor. N. D. Dagkesamanskii. *Trudy Vych. ienra AN Azerb. SSR* 3: 132-148 '65.

Work of porous catalyst grain in the case of nonisothermal fractional-order reaction. V. G. Levich, I. U. I. Khakalo, I. U. A. Chizmadzhev. *Dokl. AN SSSR* 167 no. 1, 147-150 Mr '66.

CHEMICAL REACTORS—MODELS

Considering the effect of the size of a reactor when modeling it. I. M. Arlukhov. *Nefteper. i neflekht.* no. 2, 13-47 '66.

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL RESEARCH see subdivision under Chemistry

CHEMICAL TESTS AND REAGENTS

Comparison of reagents for the direct photometric determination of rare-earth elements on chromatograms. A. K. Babko, M. E. Vdovenko. *Ukr. khim. zhur.* 32 no. 2, 209-212 '66.

Zarinov, G. Z. [Preparation and use of dry alkali carbonate reagents] *Polucheniye i primeneniye sukhikh ugleshechotnykh reagentov*. Ufa, Bashkirskoe knizhnoe izd-vo, 1963, 46 p.

[MICROFILM]

CHEMICAL WORKERS—BIBLIOGRAPHY see Bibliography—Chemical workers

CHEMICAL WORKERS—DISEASES AND HYGIENE

Early cutaneous changes under the effect of industrial solvents. V. I. Rogalin. *Vest. dermat. ven.* no. 6, 24-29 '65.

CHEMICALS—TOXICOLOGY

Akademiya nauk SSSR. Sibirskoe otdeleniye, Dal'novo-stochnyi filial. [Introduction to geohygiene] *Vvedeniye v geogigiyenu*. Moskva, Nauka, 1968, 322 p.

CHEMISTRY

Grigchin, A. I. [Mastery over matter] *Vinat' nad veschestvom*. Voronezh, Tsentr.-Chernozemnoe knizhnoe izd-vo, 1965, 289 p.

CHEMISTRY—ABSTRACTS

[Chemistry] *Ref. zhur.: Khim.* nos. 3-4 F '66.

CHEMISTRY—AUDIO-VISUAL AIDS

Fruit of initiative and creativeness. V. Pitschkin-Potnich. Nar. obr. no. 3:37-40 M '66.
Search, inventiveness, and skill. S. Naginskii. Nar. obr. Ap '66.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES

Ninth All-Union Mendeleevian Congress in Kiev. A. F. Samoilov. Izv. AN Turk. SSR. Ser. fiz.-tekhn. i khim. i geol. nauk no. 5:122-123 '65.
9th Mendeleev Congress on General and Applied Chemistry. P. L. Senov. Apt. delo 15 no. 1:92-91 Ja-F '66.
Twentieth International Conference on Theoretical and Applied Chemistry. V. I. Kriventsov, V. A. Garbaltinskii. Izv. AN Turk. SSR. Ser. fiz.-tekhn. i khim. i geol. nauk no. 5:120-121 '65.

CHEMISTRY—PROBLEMS, EXERCISES, ETC.

Vashchenko, S. I. [Manual of problems and exercises in chemistry.] Sbornik zadach i uprazhnenii po khimii. [2. izd., perer.] Moskva, Vysshaya shkola, 1965. 167 p.

CHEMISTRY—STUDY AND TEACHING

Laboratory work in chemistry at home. P. N. Fedoseev. IA. I. Turchenko. Vest. vys. shkoly 24 no. 2:80-82 F '66.
"Young Chemist" Olympic games. R. Bikiashova. Nar. obr. no. 3:126 Mr '66.

CHEMISTRY, ANALYTICAL

Akademika nauk SSSR. Institut geokhimi i analiticheskoi khimii. [Analytical chemistry of the elements.] Analiticheskaia khimiia elementov. Moskva, Nauka, 1965-2 v. (NIP)

Co₃O₄ as a combustion catalyst in the determination of carbon and hydrogen in organic compounds. A. A. Abramyan, M. A. Baltan. Izv. AN Arm. SSR. Khim. nauki 17 no. 5:501-503 '64.

Chemical analysis by the method of scattering heavy ions at wide angles. S. A. Karamian, IA. Shukurov. Atom. energ. 26 no. 1:56-57 Ja '66.

Determination of small amounts of water in organic solvents. L. M. Litvinenko and others. Zhur. anal. khim. 21 no. 2:209-202 '66.

Sonetskaia, L. P., and S. S. Vil'borg. [Analytical reactions of anions.] Analiticheskoe i kachestvennoe. Pod red. A. P. Kreshkova. Moskva, Mosk. khimiko-tekhnologicheskii in-t, 1965. 62 p.

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Analytical

CHEMISTRY, ANALYTICAL—CONGRESSES

"Transactions of the Commission on Analytical Chemistry". Vol. 19: "Methods of concentrating substances in analytical chemistry." V. G. Gortushina. Zhur. anal. khim. 21 no. 2:252-253 '66.

CHEMISTRY, FORENSIC

Case of detection of tubercle in biological material during forensic chemical examination. I. I. Litman. Sud.-med. ekspert 9 no. 1:27-28 Ja-Mr '66.
Study of cocaine losses in forensic chemical examinations. O. A. Koplan, Farmatsev. zhur. 20 no. 1:59-63 '65.
Use of thin layer chromatography for forensic chemical proof of basital and phenobarbital. N. V. Koksharova. Farmatsev. zhur. 21 no. 1:40-44 '66.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL

Iodochloromethyl method for quantitative determination of phenyllin. F. F. Kaban, T. O. Khol. Farmatsev. zhur. 21 no. 1:23-27 '66.

Quantitative determination of pyrimidine compounds by titration in nonaqueous media. Report No. 1: Determination of preparations with acid properties. L. I. Rasopoi, II. V. Berzhina. Farmatsev. zhur. 21 no. 1:33-38 '66.

Rapid method for the determination of acetone in the exhaled air in patients with diabetes mellitus. IU. B. Nikitinskii. Lab. delo no. 3:157-159 '66.

Relation between the chemical structure and pharmacological activity in the series of 5-alkoxy-substituted tryptamine derivatives. G. S. Arutunian, M. D. Mashekovich, L. F. Roshchina. Farm. i toks. 27 no. 6:631-636 N-D '64.

Study of the basic hemodynamic indices by the indicator dilution method. M. I. Iuravych, M. M. Povzhytkov. Fiziol. zhur. [Ukr.] 12 no. 1:111-117 Ja-F '66.

Synthesis and properties of rhodanines obtained from valine. I. I. Kopichuk. Farmatsev. zhur. 21 no. 1:7-10 '66.

Use of Hegelin's method for separate measuring of cholinesterase activity. A. N. Panukov. Vop. med. khim. 12 no. 1:80-95 Ja-F '66.

CHEMISTRY, ORGANIC

"Introduction to the electronic theory of organic compounds" by A. I. Kiprianov. V. A. Izmail'skii. Ukr. khim. zhur. 32 no. 1:108-110 '66.

CHEMISTRY, ORGANIC—SYNTHESIS

Mechanochemical synthesis of copolymers in frozen solutions. N. K. Baranboim, IU. S. Stmakov. Vyssokom. soed. 8 no. 2:235-239 F '66.

CHEMISTRY, PHYSICAL AND THEORETICAL

Physical chemistry of some processes in woodpulp and paper production. I. E. Pils, K. P. Mishchenko. Trudy LITTSBP no. 16:16-23 '65.

CHEMISTRY, TECHNICAL

(see also subdivision under Uzbekistan, White Russia)

Zhdanov, IU. A. [... Plus chemicalization. ... Plus khimizatsiia] Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1964 33 p.

[MICROFILM]

Zykov, D. D., ed. [General chemical technology of organic substances.] Obshchaya khimicheskaya tekhnologiya organicheskikh veshchestv. [By] D. D. Zykov i dr. Izd. 2., perer. Moskva, Khimika, 1966. 604 p.

CHEMISTRY, TECHNICAL—EXHIBITIONS

Chemistry in power engineering. V. Bol'shakova. Inform. biul. VDNKH no. 1:9-10 Ap '66.

CHEMOTHERAPY

Chemotherapy and drug resistance in the clinical aspects of tuberculosis. D. D. Ascev. Probl. tub. no. 3:10-15 '65.

Effectiveness of chemotherapy in pulmonary tuberculosis with various combinations and sequence of drugs. D. D. Ascev, I. S. Seigeev, N. V. Laptova. Sov. med. 27 no. 5:80-83 My '65.

Effectiveness of chemotherapy in tuberculosis in children. M. P. Pokhitonova and others. Probl. tub. no. 3:15-20 '65.

CHEMOTHERAPY—CONGRESSES

Symposium on Chemical Concepts of Psychosis. Zurich, 1957. [Biology of psychoses; materials of the Symposium on Chemical Concepts of Psychosis of the 2d International Psychiatric Congress in Zurich (Switzerland) September 1-7, 1957. Translations.] Biokhimiia psikhovoz; materialy simpoziuma po khimicheskim konceptsiiam psikhov II Mezhdunarodnogo psikhiatricheskogo kongressa v TSLurikh (Shvitsarii) 1-7 sentyabrya 1957 g. Obshchaya i ed. sbornika M. Rinkella i G. Denbera. Pod red. D. D. Fedotova. Moskva, Gos. izd-vo med. lit-ry, 1963. 422 p. (NDC)

CHERENKOV RADIATION

Cherenkov radiation of a plasma jet. P. M. Kolesnikov. Samoletost. i tekhn. vozd. flota no. 1:45-48 '65.
Electromagnetic wave radiation by an electron stream moving over a diffraction grating. O. A. Treil'akov, E. I. Chernikov, V. P. Shestopalov. Zhur. tekhn. fiz. 36 no. 1:33-38 Ja '66.

CHEREPET' (TULA PROVINCE)—STEAM POWER PLANTS

Installation of control and measuring instruments and means of automation. IU. V. Komarov, A. Z. Khmelevskii. Energ. stroi. no. 45:39-45 '64.
Installation of heat insulation and outer walls. S. T. Voronkov, D. Z. Isakov, M. G. Chernikov. Energ. stroi. no. 45:31-38 '64.
Installation of the boiler unit. Energ. stroi. no. 45:18-26 '64.
Installation of the steam pipes. Energ. stroi. no. 45:20-30 '64.
Installation of the turbine. Energ. stroi. no. 45:13-18 '64.
Operational plan for the installation of the TPP-110 boiler unit. Energ. stroi. no. 45:13-17 '64.
Welding operations. Energ. stroi. no. 45:45-52 '64.

CHEREPET' (TULA PROVINCE)—STEAM POWER PLANTS—TESTING

Tune-up and starting operations. B. I. Direktor and others. Energ. stroi. no. 45:52-60 '64.

CHEREPOVETS (VOLOGDA PROVINCE)—COKE INDUSTRY

Tenth anniversary of the coke and coal chemical production in the Cherepovets Metallurgical Plant. N. E. Temkin, I. S. El'kind, M. S. Krushinin. Koks. i khim. no. 2:1-3 '66.

CHEREPOVETS (VOLOGDA PROVINCE)—COKING PLANTS—EQUIPMENT AND SUPPLIES

In the Cherepovets Metallurgical Plant. G. I. Koivistolainen. Koks. i khim. no. 2:80-91 '66.

CHEREPOVETS (VOLOGDA PROVINCE)—CONSTRUCTION INDUSTRY—SCHEDULING

Practice in the introduction of network schedules in Cherepovets. N. Iudin, IU. TSvetkov, A. Perel'man. Ekon. stroi. 8 no. 4:50-53 Ap '66.

CHEREPOVETS (VOLOGDA PROVINCE)—INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

Ways to reduce the cost of work. A. Koval'skii, B. Perel'man. Ekon. stroi. no. 8:45-49 Ag '61.

CHERKASSY—TEXTILE INDUSTRY—HYGIENIC ASPECTS

They neglect an important task. E. Kagan. Okhr. truda i sots. strakh. no. 3:35 M '65.

CHERKASSY—THEATERS

Theater in Cherkassy. B. Kucher. Stroi. i arkhitekt. 14 no. 3:30-32 Mr '66.

CHERKASSY PROVINCE—AMPHIBOLITE

Amphibolites of Cherkassy Province in the Ukrainian S. S. R. as stone casting raw material. V. P. Korshin, E. A. Nikulina, B. Kh. Khan. Geol. zhur. 25 no. 6:82-87 '65.

CHERKASSY PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Analysis of wages of collective farms. N. Lozovskii. Ekon. sovl'khoz. 41 no. 2:55-60 F '66.

CHERKASSY PROVINCE—COOPERATIVE SOCIETIES

Under the new conditions. A. Budaitskii. Sov. potreb. koop. 10 no. 3:17-18 M '66.

CHERKASSY PROVINCE—SCYTHIAN ANTIQUITIES

Burial grounds of the early Scythian period near the village of Ryzhanovka. A. L. Terenozhkin. Muz. i issk. po arkheol. SSSR no. 130:211-215 '65.

CHERKESK—REFRIGERATION AND REFRIGERATING MACHINERY

Godilo, A. [On the road to research] Dorogoi polska. Stavropol', Knizhnoe izd-vo, 1964. 56 p. [MICROFILM]

CHERNAVA (RYAZAN PROVINCE)—RESTAURANTS, LUNCHROOMS, ETC.

Master of good humor. V. Fedorov. Sov. potreb. koop. 10 no. 2:10-12 F '66.

CHERNIAK, TIMOFEI VIKTOROVICH, 1891-1919

T. V. Cherniak, commander of an army brigade; on the 75th anniversary of his birth. IE. M. Skifarenko. Ukr. ist. zhur. 10 no. 2:130-131 F '66.

CHERNIGOV—BOOKSTORES

At a machine and behind the counter. E. Nikolaev. Knizh. i o g. 17 no. 3:23 M '66.

CHERNIGOV PROVINCE—PHARMACY—CONGRESSES

Second Scientific and Practical Conference of the Pharmacists of Chernigov Province. R. P. Hints. Farmatsev. zhur. 20 no. 1:80-80 '65.

CHERNOVTSY—FURNITURE INDUSTRY—MANAGEMENT

Words and deeds of the workers' collective. Raissa Lavrova. Sov. profsoyuz 22 no. 4:8-9 Mr '66.

CHERNOVTSY PROVINCE see Bukovina

CHERNYSHEV RANGE (AMUR PROVINCE)—CONGLOMERATE

Conglomerates of the Stanovoy complex in the northwestern part of the Chernyshev Range. E. A. Kirillov. Geol. i geofiz. no. 9:44-55 '65.

CHERSKII, IVAN DEMENT'EVICH, 1845-1892

I. D. Cherskii is unpublished letter and little-known materials on its author. N. D. Ovodov. Izv. Vses. geog. ob-va 98 no. 1:76-77 Ja-F '66.

CHERSONESE (CITY)—VASES GREEK

A Shop amphora from the city of Chersonese. G. D. Belov. Sov. arkheol. 10 no. 2:309-311 '66.

CHEST—SURGERY

Clinic for chest surgery. M. L. Grechina. Stroi. i arkhitekt. [sbornik] no. 2:27-32 '65.
Short-wave diathermy in the treatment of postoperative pneumonias in patients with chest disease. P. O. Uglov, M. G. Perkina, A. M. Iakovlev. Klin. khir. no. 6:3-6 '65.

CHEYLETIDAE

Morphological characteristics of Cheyletidae (Acarina, Trombidiformes) and their development in ontogeny. V. I. Volgin. Ent. oboz. 45 no. 1:217-231 '66.

CHICHERIN, GEORGI VASIL'EVICH, 1872-1938

Gorokhov, I. M., L. Zamiatin, and I. Zemsikov. [G. V. Chicherin, diplomat of the Leninist school] G. V. Chicherin - diplomat leninskoi shkoly. Pod obshch. red. V. S. Somenova. Moskva, Politizdat, 1965. 110 p.

CHICK-PEA—DISINFECTION

Transmission of the ascochyta blight of chick-pea by seeds and the effectiveness of seed disinfection. M. S. Khashtrian. Sbor. nauch. -trud. Nauch. -issl. inst. zem. no. 2:147-155 '61.

CHICKEN POX

Association of herpes zoster and chickenpox in the same patient. A. N. Gur'ev, Z. M. Kozlova. Vest. detsk. i ven. no. 6:76-77 '65.

CHICKWEED

Results of testing herbicides against common chickweed in carrot and onion fields. E. L. Nikolaeva, Khim. v sel'. khoz. 4 no. 3:52-54 Mr '60.

CHIGGERS (MITES) see subdivision under Azerbaijan

CHUK REGION (NOVOSIBIRSK PROVINCE)—AGRICULTURAL MACHINERY

Comparative data of the two-year testing of the reliability of machinery on the Chuk State Farm, Novosibirsk Province. V. V. Lazovskii. Nauch. trudy SibVIM no. 2:157-166 '64.

CHILD LABOR IN LITERATURE

Russian writers of the end of the 19th century on children's employment in industry. E. P. Nikolaeva. Shkol. nauch. rab. Volg. gos. ped. inst. no. 1:193-202 '64.

CHILD STUDY

Emotional world of the growing man. P. I. Akhoshon. Nat. obr., no. 1 supplement:1-16 Ap '66.

Symbolism and its function in children's play. D. I. Litvin. Doshk. vosp. 39 no. 3:56-60 Ma '66.

CHILDREN

Observations, notes, and recordings. Doshk. vosp. 39 no. 2:54-56 F '66.

CHILDREN—CARE AND HYGIENE

Children will not have tuberculosis. R. A. Mamonov. Doshk. vosp. 39 no. 2:58-59 F '66.

CHILDREN—DISEASES

Course of epidemic of hepatitis in children in the first two years of life. T. P. Sukanfina. Trudy Kish. gos. med. inst. 44:105-109 '61.

Etiology of severe ardiocentric block in childhood. E. G. Tint. Sov. med. 27 no. 5:97-102 My '61.

From the office of a psychoneurologist. S. I. L'vov. Doshk. vosp. 39 no. 3:89-91 Ma '66.

Results of two years' work of the Children's Oncological Department. L. A. Durnov and others. Vop. onk. 12 no. 2:70-75 '66.

CHILDREN—EMPLOYMENT

Gerka, an "extreme egocentric." I. I. Novik. Mol. komm. no. 1:46-48 Ja '65.

V. I. Lenin on child labor and vocational education. M. M. Cherniak. Shkola i priro. 9 no. 3:2-1 Mr '65.

CHILDREN—LANGUAGE

Let them "sleep." E. Vedeneyeva. Doshk. vosp. 39 no. 2:33-34 F '66.

CHILDREN—MANAGEMENT

(see also subdivision under Saratov Province)

Answering for each man. A. P. Mina. Agitator 33 no. 3:35-37 F '66.

From the pages of the press. R. P. Khod'kova. Doshk. vosp. 39 no. 2:34-35 F '66.

Further improvement of educational work with upper classmen. L. K. Petrova. Sov. pedagog. 30 no. 3:13-25 Mr '66.

Interview with a young principal. V. Sukhomlinskii. Nar. obr. no. 3:23-31 Mr '66.

Kolka does everything better than anybody else. R. Natanova. Doshk. vosp. 39 no. 3:47 Mr '66.

Let's talk about the friendship of children. I. Kharlitenov. Doshk. vosp. 39 no. 2:16-17 F '66.

Lovtsov, N. D. [What causes the appearance of character flaws in students and how to overcome them] Otchego vzniknuli nedostatki v karaktere shkol'nikov i kak ikh ispravlat'. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961, 82 p. (Knigi dlia roditel'ei) (NBC)

Main link. V. Turunin. Nar. obr. no. 4:20-35 Ap '66. Miasnikov, A. P. [Training of children] O vospitani detei. [Leningrad] Medgiz, 1959, 40 p. (Nauchno-populiarnaya meditsinskaya literatura) (NBC)

On a healthy body. . . . A. Polunina. Doshk. vosp. 39 no. 3:12-13 Mr '66.

So-called "difficult" children. D. Perfil'evskaya. Nar. obr. no. 4:55-59 Ap '66.

Thank you. R. Finkel'shtein. Doshk. vosp. 39 no. 3:48 Mr '66.

To make them independent. A. Kondratenkov. Nar. obr. no. 3:67-70 Mr '66.

Training of children. M. M. Krasovitskii. Nar. obr. no. 4:35-42 Ap '66.

Unity of public opinion in senior grades. M. Krasovitskii. Nar. obr. no. 4:61-64 Ap '66.

We have to find a way. V. Barteneva. Nar. obr. no. 4:81-82 Ap '66.

"You must" and "you shouldn't." I. Gartiig. Doshk. vosp. 39 no. 3:55-56 Mr '66.

CHILDREN—NUTRITION

Fats in children's nutrition. V. V. Doshk. vosp. 39 no. 3:80-82 Ma '66.

CHILDREN AS ARTISTS

Exhibition of children's art. A. Potapova. Doshk. vosp. 39 no. 2:57 F '66.

Sketching. M. P. [Drawing at the preschool age] R. Ivanov. Doshk. vosp. 39 no. 2:57 F '66.

CHILDREN'S CLUBS

Sunday rest for children. L. V. Gavrilova. Nash. shkola 34 no. 3:12-15 Ma '66.

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE—EXHIBITIONS

Contribution of writers and artists to children. G. Pavlova. Nar. obr. no. 3:118-118 Mr '66.

CHILDREN'S MUSEUMS

Development of intellectual curiosity. V. I. Utkovskaya. V. I. Utkovskii. Nar. obr. no. 3:71-75 Ap '66.

CHILDREN'S PLAYS

(see also subdivision under Moscow) Discussing children's theaters. Natalia Satz. Nov. vsem. 23 no. 17:26-29 Ap '66.

CHILDREN'S PLAYS, ESTONIAN

Thus the Theater of Young Spectators began. V. Panso. Teatr 27 no. 1:76-77 Ja '66.

CHILE—ASTRONOMY—OBSERVATIONS

Social astronomers in Chile. M. S. Zverev. Vest. AN SSSR 36 no. 2:107-111 F '66.

CHIMKENT—CHEMICAL RESEARCH

Persons engaged in research. N. Mel'nikov. Nat. khoz. Kazakh. 24 no. 2:71-74 F '66.

CHIMKENT—LEAD—METALLURGY

Watch is kept by an honored worker. V. Georgiev. Nar. khoz. Kazakh. 24 no. 2:16-17 F '66.

CHIMKENT—LEAD INDUSTRY—MANAGEMENT

Claims against planning organs. R. Khodabergenov. Nar. khoz. Kazakh. 24 no. 2:82-84 F '66.

CHIMKENT PROVINCE—RESERVOIRS

Distribution of potential water-power resources in the mountain river basins of South and East Kazakhstan. N. S. Kalachev, R. I. Lopyryeva. Probl. gidromet. i vod. khoz. no. 3:111-124 '65.

CHINA—CONSTITUTION

Socialist nature of the constitution of the Chinese People's Republic. A. E. Lunev. Sov. gos. i pravo no. 9:15-23 S '60.

CHINA—ECONOMIC CONDITIONS

Ten years of the dictatorship of the proletariat in China. Sov. gos. i pravo no. 9:3-14 S '60.

CHINA—FOREIGN RELATIONS—RUSSIA

Sun Yat-sen about Soviet-Chinese friendship. P. A. Mirovitskaya. Nar. Az. i Afr. no. 2:136-140 '66.

CHINA—LAW

Soviet legal studies published in the Chinese People's Republic and Chinese legal studies published in the U.S.S.R. L. I. Ilichev. Sov. gos. i pravo no. 9:132-135 S '60.

CHINA—LEGAL RESEARCH

Brief news of scholarly research in the Chinese People's Republic. L. M. Gudoshnikov. Sov. gos. i pravo no. 9:135 S '60.

CHINA—POLITICS AND GOVERNMENT

How Sun Yat-sen pictured the China of the period. V. A. Rubin. Nar. Az. i Afr. no. 2:76-80 '66.

Ten years of the dictatorship of the proletariat in China. Sov. gos. i pravo no. 9:3-14 S '60.

CHINA—RELATIONS (GENERAL) WITH RUSSIA

Soviet legal studies published in the Chinese People's Republic and Chinese legal studies published in the U.S.S.R. L. I. Ilichev. Sov. gos. i pravo no. 9:132-135 S '60.

CHINA—CLAY see Kaolin

CHINESE MANUSCRIPTS see Manuscripts, Chinese

CHINGIZTAU—PROSPECTING

Some characteristics of the organization and methodology of geological surveying in the Rudnyy Altai, Kalba Range, and Chingiztau. I. U. Vorob'ev and others. Razved i okh. nedr. 31 no. 11:11-15 N '65.

CHINGIZTAU REGION—GEOLOGY, STRATIGRAPHIC

Characteristics of the structure of Silurian sediments in the Chingiztau meganticlinorium. D. M. Volkov. Vest. Mosk. un. Ser. 1: Geol. 21 no. 1:10-18 Ja '66.

CHIRIOLITE see subdivision under Aldan Plateau

CHIRCHIK (UZBEKISTAN)—CONSTRUCTION INDUSTRY—MANAGEMENT

Shorten the path from design to construction project. I. Akhmetov. Flon i hiza 8 no. 2:51-56 F '66.

CHIRONOMIDAE

Hibernation of the larvae of Limnochironomus evg. naivus Staeck. (Diptera, Chironomidae). G. A. Sokolova. Zool. zhur. 15 no. 1:140 '66.

Modern state of taxonomy of Chironomidae (Diptera). A. I. Shilova. Ent. obozr. 45 no. 1:181-187 '66.

CHISTOYE, LAKE (TAMBOV PROVINCE)—MUSKRATS

Tragedy of Lake Chistoye. V. G. Skoptsov. Priroda no. 2:83-84 F '66.

CHITA—BOOKSELLERS AND BOOKSELLING

A festival in Chita. A. Ivanov. Knizh. torg. 16 no. 1:1-15 D '66.

CHITA PROVINCE—BOOKSELLERS AND BOOKSELLING

Let's be in step with life. G. Mamonov. Knizh. torg. 17 no. 3:38 Ma '66.

CHITA PROVINCE—TOMBS

Tiled graves in the Konduy Valley. L. A. Evstukhova, N. N. Terekhova. Mat. i issl. po arkheol. SSSR no. 130: 241-248 '65.

CHKALOV see Orenburg

CHKALOV PROVINCE see Orenburg Province

CHLORALOSE—PHYSIOLOGICAL EFFECT

Evoked potentials in normal state and under the effect of chloralose anesthesia. V. A. Hnyryla-Novik. Fiziol. zhur. [Ukr.] 12 no. 1:27-33 Ja '66.

CHLORANIL

Intermolecular reactions in the formation of complexes of aromatic diamines with chloranil and p-nitrophenol. A. V. Kirimbekov, M. A. Salimov, N. A. Kozimbekova. Zhur. fiz. khim. 40 no. 3:674-680 Ma '66.

CHLORIDES

Liquid-vapor equilibrium in the systems of tetrachloroethane with CCl₄, TiCl₄, BCl₃. I. I. Lapidus, L. A. Nisenzon, A. A. Kuznetsov. Zhur. neorg. khim. 10 no. 10:2372-2374 O '65.

Vapor composition in the systems ErCl₃ - CaCl₂ and NdCl₃ - CaCl₂. F. G. Gavrilchenkov, G. I. Novikov. Vest. LGU 21 no. 4:108-112 '66.

X-ray diffraction examination of the products of crystallization in the systems POCl₃ - TiCl₄(ZrCl₄), HfCl₄, SnCl₄. B. A. Volkovich and others. Ukr. khim. zhur. 32 no. 2:167-173 '66.

CHLORINATION

Advantageousness of chlorinating aluminum in metafur-glen plants. V. P. Ivanov. Izv. vys. ucheb. zav., telet. met. 9 no. 1:82-84 '66.

Development of destructive processes during high-temperature chlorination of ethylene. A. I. Subbotin, V. N. Antonov. Khim. prom. 42 no. 3:164-168 Mr '66.

Initiated chlorination of vaporous methylene chloride in a high-boiling solvent. A. S. Bratolov, M. N. Danchenko. Zhur. prikl. khim. 39 no. 2:339-374 F '66.

Kinetics and mechanism of heterolytic addition of chlorine to unsaturated compounds. Part 2: Chlorination in aprotic solvents. I. U. A. Sergueev, E. A. Shilov. Ukr. khim. zhur. 32 no. 1:34-47 '66.

Potentiometric method of controlling the chlorination of lime, soda, and sodium hydroxide. K. D. Dobryshin, I. E. Filis. Trudy LITTSBP no. 16:38-43 '65.

Role of melts in the process of the chlorination of metal oxides. S. A. Amirova, V. V. Pechkovskii, R. Kh. Kurmaev. Izv. vys. ucheb. zav., telet. met. 9 no. 1:62-63 '66.

Thermographic analysis of phosphoric chlorination. A. N. Ketov, V. V. Pechkovskii, L. P. Kostin. Izv. vys. ucheb. zav., khim. i khim. tekhn. 8 no. 6:989-973 '65.

Thorough chlorination of pentane and isopentane. I. M. Kogan, A. G. Gotsadkina. Zhur. prikl. khim. 39 no. 2:374-381 F '66.

X-ray diffraction determination of the degree of crystallinity of a radiation-chlorinated and autocatalyzed polyethylene. R. V. Dzhatagapanian and others. Vysokom. sood. 8 no. 2:103-107 F '66.

CHLORINE

Analyzing the process of the purification of a chlorine-containing bromide-air mixture. A. Nuryev, V. I. Ksenzenko. Khim. prom. 42 no. 3:183-188 Mr '66.

CHLORINE (Continued)

Increasing the effectiveness of fertilizers containing chlorine. V. V. Pat'anova. Vest. sel'khoz. nauki 11 no. 3, 107-108 Mr '66.

Photodissociation of chlorine and recombination of chlorine atoms at the critical point of liquid - gas equilibrium. I. R. Kiselevskii, I. V. Tselinskaya, Z. A. Polinkova. Dokl. AN SSSR 166 no. 1, 897-900 F '66.

Shift of a chlorine atom in dichloronaphthoic acids. V. A. Kopting and others. Zhur. org. khim. 2 no. 3, 465-470 Mr '66.

CHLORINE—EFFECT ON PLANTS see Plants, Effect of chlorine on

CHLORINE COMPOUNDS

Formation of the Cl⁻ ion. I. I. Filis, M. K. Bynayeva, G. N. Iyashkina. Trudy LITTSBP no. 16, 108-116 '65.

CHLORINE OXIDES

Physicochemical analysis of the production of chlorine dioxide with the method developed by the Leningrad Technological Institute of the Woodpulp and Paper Industry. K. D. Dobryshin. Trudy LITTSBP no. 16, 126-138 '65.

Polarimetric analysis of the reaction of the cellulose glucose monomer with chlorine dioxide. T. A. Tumanova, Sh. Kheiradi. Trudy LITTSBP no. 16, 172-175 '65.

Preparation of chlorine dioxide by means of the reduction of sodium chlorate by sulfuric anhydride. I. E. Filis, K. D. Dobryshin, I. I. Bloshchin. Trudy LITTSBP no. 16, 31-37 '65.

Thermodynamics, kinetics and mechanism of the processes taking place in the bleaching solutions of chlorine dioxide. I. E. Filis, K. P. Mishchenko. Trudy LITTSBP no. 16, 24-30 '65.

CHLOROMETHYLATION

Chloromethylation of some o-nitroxybenzenes. A. A. Aitien, Izv. AN Arm. SSR, Khim. nauki 17 no. 5, 532-542 '64.

CHLOROMETRY

Iodochlorometric method for quantitative determination of osazone in a pure preparation and in tablets. P. P. Suprun. Farmats. zhur. 18 no. 6, 41-44 '63.

CHLOROMYCETIN

Effect of chloramphenicol on polyhedrosis, the nucleic acid and protein metabolism in silkworms. L. M. Tarasevich, E. F. Ulanova. Dokl. AN SSSR 166 no. 4, 970-973 F '66.

Effect of chloramphenicol on the α -ketoglutaric acid dehydrogenase activity in Escherichia coli and Proteus vulgaris. A. I. Korotkiy. Mikrobiologiya 35 no. 1, 13-18 Ja-F '66.

Effect of chloramphenicol on the transformation of the resistance to streptomycin in streptococci. A. N. Klimov, I. M. Teleshin, O. A. Malina. Antibiotiki 11 no. 3, 222-227 Mr '66.

CHLOROPHOS

Effect of chlorophos spraying on the quality of milk and the cholinesterase activity in cow blood. G. I. Getta, V. I. Bellaev. Khim. v sel'khoz. 4 no. 3, 45-60 Mr '66.

Nature of the effect of chlorophos on the ovogenesis of house flies (Musca domestica L.) in case of long application under natural conditions. V. A. Lneva. Med. parazit. i parazit. bol. 35 no. 2, 217-223 Mr-Apr '66.

CHLOROPHYLL

Hydrogen exchange in the carbocyclic ring of chlorophyll. V. M. Kuturum, I. V. Matveeva, I. U. Azimkina. Dokl. AN SSSR 166 no. 5, 1233-1235 F '66.

CHLOROPRENE

Studying the aging and thermal degradation of chloroprene polymers. R. M. Sorokina, A. L. Klebanov. Kauch. i rez. 25 no. 2, 18-20 '66.

CHLORPROMAZINE

Experience in the treatment of psychomotor excitation in patients with acute closed cerebrocranial trauma in a rural district hospital. V. M. Grubnik, V. D. Nerobeev. Klin. khir. no. 6, 67-68 '66.

Possibility of alkaline phosphatase inhibition with aminazine. G. I. Meerov. Farm. i toks. 29 no. 1, 99-100 Ja-F '66.

CHLORPROMAZINE—PHYSIOLOGICAL EFFECT

Effect of aminazine on regional blood circulation. A. V. Ilurkova. Fiziol. zhur. [Ukr.] 12 no. 1, 95-98 Ja-F '66.

CHLORTETRACYCLINE

Effect of chlortetracycline on bacteria at varying temperatures. G. B. Dubova. Mikrobiologiya 34 no. 6, 983-987 N-D '65.

Synthesis of vitamin B12 and chlortetracycline by some Actinomyces anisotrophicus strains. V. G. Makarevich, G. I. Smirnova. Prikl. biokhimiya i mikrobiol. 2 no. 1, 106-108 Ja-F '66.

CHLORTETRACYCLINE AS FEED

Some properties of eggs laid by hens fed chlortetracycline. M. E. Antonova. Antibiotiki 11 no. 3, 268-269 Mr '66.

CHOGOSHVILI, GEORGI SEVER'ANOVICH, 1914-

Georgi Sevanovich Chogoshvili, on his 50th birthday. P. S. Aleksandrov, N. A. Bolokhina. Usp. nat. nauk. 20 no. 5, 293-296 S-O '65.

CHOIRS (MUSIC) see subdivision under White Russia

CHOLESTEROL

Cholesterol protein complexes of the blood in irradiated dog. T. A. Polosukhina, T. M. Ait'hanova. Ukr. biokhimiya 30 no. 1-3-8 '66.

Effect of chronic administration of excess nicotinic acid on the incorporation of radioactive acetate into cholesterol and on the tissue microstructure. S. I. Shushkov, M. P. Kuz'mynskiy. Ukr. biokhimiya 30 no. 1, 33-38 '66.

Effect of linipanol on the cholesterol level in the blood of experimental animals. N. V. Pleshina, I. S. Simonova, L. I. Grebenik. Farm. i toks. 27 no. 6, 709-712 N-D '61.

Reaction of cholesterol with acetylated D-glucopyranose alkyl-orthoacetate acids. A. A. Khoriin, A. F. Bochkov, N. K. Kochetkov. Khim. prirod. soed. 2 no. 1, 6-12 '66.

CHOLESTEROL METABOLISM

Anticholesterolic substances. N. A. Kharuzov. Farm. i toks. 27 no. 6, 756-757 N-D '61.

CHOLINE

Changes in the acetylcholine concentration during the mitotic cycle of fertilized sea urchin eggs. I. V. Chudakova, L. V. Boryshova, G. A. Buznikov. TSitologiya 8 no. 1, 105-108 Ja-F '66.

CHOLINESTERASES

Age-related changes of the activity of uterine cholinesterase in rats, and the effect of estradiolpropionate on R. A. N. Murshina. Fiziol. zhur. [Ukr.] 12 no. 1, 106-107 Ja-F '66.

Cholinesterase dynamics in cells of the cerebral cortex of a cat in ontogeny. A. V. Sakharova. TSitologiya 8 no. 1, 91-99 Ja-F '66.

Effect of chlorophos spraying on the quality of milk and the cholinesterase activity of cow blood. G. I. Getta, V. I. Bellaev. Khim. v sel'khoz. 4 no. 3, 45-60 Mr '66.

Kinetics of the interaction of atropine and phosphacol with cholinesterases of various organs and tissues. S. M. Maikov, N. A. Loshadkin, M. A. Innasheva. Farm. i toks. 29 no. 1, 72-76 Ja-F '66.

Pharmacology of sanguinaline, an anticholinesterase alkaloid. B. S. Nikol'skaya. Farm. i toks. 29 no. 1, 70-79 Ja-F '66.

Study of the cholinesterase activity in the blood serum and organs of animals following chronic action of miconaves. S. V. Nikogosian. Trudy Lab. okl. omag. pol. rad. AMN SSSR no. 2, 143-148 '64.

Use of Heitlin's method for separate measuring of cholinesterase activity. A. N. Panukov. Vop. med. khim. 12 no. 1, 68-69 Ja-F '66.

CHOPIN, FRYDERYK FRANCISZEK, 1810-1849

Chopin, Fryderyk Franciszek. [Letters] Pis'ma. Obshchestva. A. Solov'ova. Moskva, Muzyka, 1964 710 p. (U)

CHOREA

Atypical forms of chorea minor and choreal variations of neural rheumatism. L. S. Gittik. Zhur. nevro. i psikh. 66 no. 3, 376-380 '66.

CHOREOGRAPHY

Once again about the light for searching. D. Romadinova. Sov. muz. 30 no. 3, 40-51 Mr '66.

CHRISTIAN UNION

Cardinal Augustin Bea on the Eucharist and the unity of the Christians. P. Urzhumtsev. Zhur. Mosk. Patr. no. 2, 55-59 '66.

CHROMATOGRAPHIC ANALYSIS

Analysis of some medicinal preparations by thin-layer chromatography. M. M. Shcherbakova. Farmats. zhur. 20 no. 1, 17-20 '65.

Application of capillary chromatography in the analysis of fatty alcohols. P. M. Shcherbakov, N. I. Vasilev. Masl. zhur. prom. 31 no. 1, 20-22 Ja '65.

Chambers and methodology of capillary chromatographic examination in the vapors of various substances. S. I. Kravtsov. Lab. delo no. 3, 188-191 '66.

Chromatographic determination of impurities in benzene and in the ethylene fraction. Kh. F. Kraplina and others. Koka, i khim. no. 2, 43-48 '66.

Chromatographic determination of the rate constant and activation energy of a catalytic reaction from the product yield curve. V. U. Filinovsky, G. A. Gaziev, M. I. Ivanovskii. Dokl. AN SSSR 167 no. 1, 143-146 Mr '66.

Chromatography in the study of essential oils used in pharmaceutical and perfume practice. I. M. Petisev. Farmats. zhur. 18 no. 6, 33-38 '63.

Comparison of reagents for the direct photometric determination of iron with elements on chromatograms. A. K. Babko, M. L. Vdovenko. Ukr. khim. zhur. 32 no. 2, 209-212 '66.

Continuous elementary analysis of components of mixtures eluted from a chromatographic column. I. A. Revetskii and others. Neftokhimiya 5 no. 3, 417-421 My-Je '65.

Distribution of substances in systems with a fixed and "combined" solvent. V. D. Chmii. Zhur. fiz. khim. 40 no. 3, 607-613 Mr '66.

Effect of the amount of chromatographed ions on the position of elution peak. Conditions required for the separation of the macrogam quantities of substances. B. K. Pichobazhenskiy, O. M. Lilova. Radiokhimiya 8 no. 1, 73-76 '66.

Evaluation of the elution properties of some systems in the chromatographic analysis on anionite aluminum oxide. A. A. Sult, F. M. Shemakina. Izv. vuz. ucheb. zav. i khim. i khim. tekhn. 8 no. 6, 906-909 '65.

IPS-2 and IPS-3 regulated power supply units for chromatographic analysis. I. U. Arutunov, D. Kh. Loseva. Trudy VNIDAnetgaz no. 1, 118-153 '65.

Thin-layer chromatography of pyrylium salts on gypsum. I. U. Zhdanov, G. N. Dorofeeva, S. V. Zelenkaya. Zhur. ob. khim. 36 no. 2, 210-213 F '66.

Universal industrial KIP-63 chromatograph. M. S. Garbuzov, V. S. Zalkin, A. F. Spizdonov. Trudy VNIDAnetgaz no. 1, 48-51 '65.

Use of chromatography on capron in the photometric analysis of flavonoids in plant materials. V. A. Bandukova, A. L. Shinkarenko. Zhur. anal. khim. 21 no. 2, 232-234 '66.

Use of chromatography on G-200 sephadex for the isolation of antibodies from a specific precipitate. I. A. Tikhonova. Vop. med. khim. 12 no. 1, 108-111 Ja-F '66.

CHROMIC ACID

Effect of a positive cathodic film in the reduction of chromic acid on the current efficiency of the metal. V. A. Kazakov, A. T. Vagranian. Elektrokhimiya 2 no. 2, 258-261 F '66.

Effect of foreign anions on the kinetics of incomplete reduction of chromic acid. V. A. Kazakov, A. T. Vagranian. Elektrokhimiya 2 no. 2, 180-182 F '66.

CHROMITE see subdivision under Ural Mountains

CHROMIUM CARBIDES—THERMODYNAMICS

Studying vaporization and the thermodynamic properties of chromium carbides. A. S. Boigai, V. V. Pesenko, S. P. Goidenko. Fiz. i khim. 6 no. 2, 100-107 F '66.

CHROMIUM CHLORIDES

Enthalpy of formation of alkali metal chlorochromites. S. A. Shchukarev and others. Zhur. neorg. khim. 11 no. 3, 101-107 Mr '66.

Enthalpy of formation of chromium trichloride. S. A. Shchukarev and others. Zhur. neorg. khim. 11 no. 3, 452-454 Mr '66.

CHROMIUM-GERMANIUM ALLOYS

Chromium germanides Cr₃Ge₂, Cr₂Ge₃, and CrGe. V. L. Zagladskii, A. K. Shitov, P. V. Gel'd. Izv. AN SSSR, Neorg. mat. 2 no. 2, 251-254 F '66.

CHROMIUM IN THE BODY

Chromium content in the blood of an infant, in the venous and retroperitoneal blood of a mother and in human milk. V. I. Medvedeva. Dokl. AN SSSR 166 no. 2, 98-100 F '66.

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-IRON-SILICON ALLOYS—METALLOGRAPHY

Ternary system Cr-Fe-Si. E. I. Gladyshevskiy, L. K. Borusevich. Izv. AN SSSR, Met. no. 1, 150-164 Ja-F '66.

CHROMIUM-MANGANESE STEEL

Effect of molybdenum, niobium, and tungsten on the structure and properties of nitrogen-containing austenitic-chromium-manganese steels. F. N. Tavadze, V. A. Pirtskhalashvili, N. L. Khutsishvili. Soob. AN Gruz. SSR 41 no. 1, 121-126 Ja '66.

CHROMIUM-MANGANESE STEEL—TESTING

Effect of alloying elements on the cavitation strength of chromium-manganese steel. V. M. Zamorov and others. Izv. vuz. ucheb. zav., mashinost. no. 12, 112-116 '65.

CHROMIUM-NICKEL STEEL

Introducing low-nickel steels for casting heat and acid resistant parts. A. A. Sinitsyn, T. N. Lariseva. Biul. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 1, 16-17 Ja '66.

CHROMIUM-NICKEL STEEL—WELDING

Electric arc welding of austenitic chromium-nickel boron-alloyed steel. E. V. Prozorovskiy, G. I. Petrov. Avtom. svar. 19 no. 3, 1-5 Ja '66.

CHROMIUM-NICKEL STEEL—WELDING (Continued)

Electric slag welding of large-size ring-shaped articles of chromium-nickel austenitic steel. A. N. Safonnikov, A. A. Pobol', Svar, metalz. no. 3 28-30 M '66.

CHROMIUM OXIDES

Phase diagram of the system $\text{Fe}_2\text{O}_3 - \text{Cr}_2\text{O}_3$. S. G. Tretyakov, V. N. Pavlov, L. M. Lopato, Izv. AN SSSR, Neorg. mat. 2 no. 2 269-274 F '66.
Speed of reduction of chromium oxide by carbon dissolved in liquid iron. V. I. Dikunov, S. I. Popel', Izv. vys. ucheb. zav., Chern. met. 9 no. 3 5-7 '66.

CHROMIUM PLATING

Anodic-jet chromium plating of conditioned parts. F. Fendiev, Avt. transp. 44 no. 2 31-33 F '66.
Effect of an ultrasonic field on the structure of electrolytically deposited chromium. E. I. Vrolanen, L. K. Kallilainen, Zashch. met. 2 no. 2 221-226 '66.
Obtaining chromium deposits of a given thickness on surfaces with various curvature. V. E. Khromov, Vest. mashinost. 46 no. 3 62-63 M '66.

CHROMIUM STEEL

Intensifying the process of nitriding medium- and high-chromium steel. L. V. Beloruchev and others, Izv. vys. ucheb. zav., Chern. met. 9 no. 3 157-161 '66.

CHROMIUM STEEL—HARDENING

Recrystallization of chromium steel in conditions of high-temperature thermomechanical treatment. M. L. Bernshein, O. M. Zueva, Izv. vys. ucheb. zav., Chern. met. 9 no. 3 140-144 '66.

CHROMIUM STEEL—INCLUSIONS

Nonmetallic inclusions and the formation of ghosts in chromium aluminum steels. A. I. Perevazko, R. E. Danilchuk, Met. i koksohim., no. 3 106-113 '65.

CHROMIUM STEEL—METALLOGRAPHY

Investigating processes of the decay of austenite of chromium steel 10Kh8 at subcritical temperatures. I. I. Sidorov, V. S. Leshkovskaya, N. I. Masikina, Izv. vys. ucheb. zav., mashinost. no. 1 149-152 '66.

CHROMIUM STEEL—WELDING

Electric arc welding of 17% chromium steel. N. I. Kakhovskiy, L. V. Didebulidze, Avtom. svar. 19 no. 2 20-31 F '66.

CHROMOSOME NUMBERS

Use of polyploidy in breeding winter grain crops. A. F. Shulyudin, Vest. sel'khoz. nauch. 10 no. 7 122-129 J '66.

CHROMOSOMES

Analysis of the initial radiation effect on chromosomes. B. N. Sidorov, N. N. Sokolov, I. S. Demin, Radiobiologiya 6 no. 1 81-87 '66.
Comparative analysis of interrelationships between the origin of chromosome mutations, induced by chemically active substances and ionizing (gamma rays) radiation and the physiological state of seeds. N. I. Nuzhlin, N. S. Samokvalova, Dokl. AN SSSR 166 no. 5 1217-1220 F '66.
Genetic structure of the second chromosome in the laboratory population of *Drosophila melanogaster* D-32 line. R. V. Shilenko, Biol. MOIP, Old. biol. 71 no. 1 115-122 Ja-F '66.
Phenomenon of haploidy in angiosperms. G. A. Kirillova, Genetika 2 no. 2 137-147 '66.
Specific modification of mutational variations of chromosomes induced by a chemical mutagen. N. P. Dubinin, L. A. Sulkova, V. K. Shcherbakov, Dokl. AN SSSR 166 no. 5 1214-1218 F '66.
Study of the ploid of eye rudiment cells in chick embryos in early stages of development. G. S. Kvinkhidze, Dokl. AN SSSR 167 no. 1 215-246 M '66.

CHRONOLOGY

History of chronology in our country. D. I. Myshko, Ukr. ist. zhur. 10 no. 1 117-120 Ja '66.

CHUKCHI SEA—RIGHT WHALE PORPOISE

Right whale porpoise in the Chukchi Sea. G. A. Jaffo, Zap. Primor. fil. Geog. ob-va SSSR no. 1 148 '65.

CHULYM-YENISEY BASIN—EARTH TEMPERATURE

Effect of the dynamics of underground waters on the thermal regime of Mesozoic and Cenozoic sediments in the Chulym-Yenisey Basin. G. A. Chermomskiy, Izv. vys. ucheb. zav., geol. i razv. 9 no. 1 118-121 Ja '66.

CHULYM-YENISEY BASIN—WATER, UNDERGROUND

Effect of the dynamics of underground waters on the thermal regime of Mesozoic and Cenozoic sediments in the Chulym-Yenisey Basin. G. A. Chermomskiy, Izv. vys. ucheb. zav., geol. i razv. 9 no. 1 118-121 Ja '66.

CHUM SALMON

see subdivision under Amur Liman

CHURCH ARCHITECTURE

see subdivision under Novgorod; Volga Province

CHURCH CALENDAR

[The Light Almanac of 1966] Kalendar svilla na Bozhyl 1966; Ik. Divadsiat' s'omyli i chnyk. Toronto, Vyd-vo oo. Vasylian, 1966 224 p.

CHURCH COUNCILS

see Councils and synods

CHURCH LANDS

see subdivision under Spain

CHUSOVSKOY (PERM PROVINCE)—VANADIUM—METALLURGY

Petrographic study of vanadium slag of the Chusovskoy Metallurgical Plant. N. P. Starikov and others, Shoi nach. trud. Perm. politekh. inst. no. 10 139-149 '61.

CHUVASH POETRY—HISTORY AND CRITICISM

Abashev, V. N. [Chuvash poem] Chuvashskaya poema Cheboksary, Chuvashskoe knizhnoe izd-vo, 1964 147 p.
(NJP)

CHUVASHIA—EXCAVATIONS (ARCHAEOLOGY)

A Bulgarian settlement near the village of Bol'shoye Yangulino in the Chuvash A. S. S. R. V. T. Kakhovskiy, Sov. arkheol. 10 no. 2 248-258 '66.

CHUVASHIA—STOCK AND STOCKBREEDING

[Operative force, large scale political work among the stockbreeders of Chuvashia] Del'syennaya sila, massovo-politicheskaya rabota sredi zhivotnovodov Chuvashii, Moskva, Sovetskaya Rossiya, 1964. 70 p.
(CS-H)

CHUVASHIA—TICKS—HOST ANIMALS

Significance of the hosts in various developmental stages of the tick for the determination of the abundance of Ixodes ricinus in Chuvashia. L. L. Kulik, V. G. Polrov, Zool. zhur. 45 no. 1 131-134 '66.

CHUVASHIA—WOOL INDUSTRY

Pluses and minuses of wool procurement. G. Kolenov, Zakup sel'khoz. prod. no. 6 145-16 Je '65.

CHUVASHIA—WORMS, INTESTINAL AND PARASITIC

Republic meeting and scientific and practical conference on the control of helminthiasis in the Chuvash A. S. S. R. Z. A. Moiseyova, V. A. Goller, Med. paraz. i paraz. bol. 35 no. 2 252-254 M-Ap '66.

CHYMOTRYPSINOGEN

Isolation and some properties of chymotrypsinogen of swine. M. T. Piskunov, Prikl. biokhim. i mikrobiol. 2 no. 2 206-210 M-Ap '66.

CICHLIDAE

Possible rate of population and total biomass growth in Tilapia mossambica Peters. N. V. Mironova, Dokl. AN SSSR 166 no. 4 908-909 F '66.

CIGARETTE INDUSTRY—EQUIPMENT AND SUPPLIES

Electronic automatic stop device for the DK cigarette machine. M. P. Itrushkin, Kher. pion. no. 1 43-44 Ja-F '66.

CINNAMOYL GROUP

Derivatives of 4(5)-oxazolone and 4(5)-thiazolone. Part 4. N-substituted cinnamoylureas and their bromocyclization. I. V. Smolanka, S. M. Khriyank, V. I. Staninets, Ukr. khim. zhur. 32 no. 1 18-49 '66.

CINQUEFOIL

see subdivision under Caucasus

CIRCULAR SAWS

Hardening circular saw teeth for the hot cutting of metal. V. V. Tatarnikov, Izv. vys. ucheb. zav., Chern. met. 9 no. 3 188-190 '66.

CIRCUS

see subdivision under Leningrad

CIRRIPEDIA

see subdivision under Caspian Sea

CITIES AND TOWNS

(see also subdivision under Spain, Sverdlovsk Province, Ukraine, Uzbekistan; White Russia)

Birds of large cities. N. N. Drozdov, Priroda no. 2 75-70 F '66.

Cities born of the October Revolution. I. Likhimov, Agitator 33 no. 3 57-60 F '66.

Ukrainski gosudarstvennyi institut proektirovaniya gorodov. [Problems of urban distribution, for the aid of the planner] Voprosy gorodskogo rasseleniya v pomoshch' proektirovshchiku. Kiev, Budivelnik, 1964. 74 p.

CITIES AND TOWNS, RUINED, EXTINCT, ETC.

see subdivision under Novgorod Province; Volgograd Province

CITRACONIC ACID

Action of methylamine on N-methylamide of citraconic acid. T. V. Sharemteva, V. V. Kurlyatov, Izv. AN SSSR, Ser. khim. no. 2 280-283 '66.

CITY PLANNING

(see also subdivision under: Artemovsk, Cherdyn, India, Dnepropetrovsk, Ukraine; Dnieper Valley; Fergana Province, Il'ichyevsk, Odesa Province; Leningrad, Leningradsk; Lufak, Netherlands; Odesa, Odesa Province; Odesa region; Russia, Northern, Tashkent Province, Ukraine; Volga Valley, White Russia)

Characteristics of the layout structure of present-day cities. IU. Doshakov, N. F. Fozinskaya, Sov. arkhit. no. 17 40-56 '65.

Don't slack but develop initiative, some problems in standard-design work and the improvement in the quality of urban construction projects. A. A. Limbosh, Stroi i arkhit. Len. 28 no. 2 11-15 F '66.

Improving the layout structure of a large city on the basis of the formation of an over-all transportation system. A. I. Popov, V. V. Gadeval'dt, B. M. Fishov, Izv. vys. ucheb. zav., Stroi i arkhit. 9 no. 1 130-149 '66.

Industry in the city. V. Alekashina, Sov. arkhit. no. 17 83-71 '65.

Municipal construction: Problems and potentialities. M. Dudin, Plan. khoz. 13 no. 3 46-53 M '66.

The old and the new in the city ensemble. A. Konnikov, Sov. arkhit. no. 17 72-78 '65.

Practices in the planning of Belgorod-Dnestrovskiy District. D. Gol'dberg, IU. Stroi i arkhit. 12 no. 1 26-27 Ap '64.

Technical and economic indices of a system providing cultural and everyday services in a residential area. G. I. Gruzinskii, T. M. Budinskaya, Stroi i arkhit. [Sbornik] no. 2 119-132 '65.

Three problems in city planning. IA. Kravchuk, Sov. arkhit. no. 17 38-17 '65.

Wouldn't it be better to come to an agreement? IU. Lebedev, Sov. profsoyuz 72 no. 5 22-23 M '66.

CIVIL DEFENSE

Alukovskii, P. G. [Civil defense; a manual for professional and technical schools. General part] Grazhdanskaya oborona; posobie dlia professional'no-tekhnicheskikh uchilishch. Obshchaya chast', Moskva, Vysshaya shkola 1966. 106 p.

CIVIL LAW

(see also subdivision under Georgia)

History of civil and economic laws. G. M. Sverdlov, Sov. gos. i pravo no. 9 31-11 S '69.

Mikhaleva, N. A., and R. V. Vasil'ova, eds. [New civil law and civil procedure codes of the Union republics; materials from the conference of October 14-16, 1964] Novye grazhdanskoe i grazhdanskoe protsessual'noe kodeksy Soyuzykh respublik; materialy nauchnoi konferentsii (14-16 oktiabria 1964 g.) Moskva, Vses. nauchno-issl. in-t sovetskogo zakonodatel'stva, 1965. 212 p.
(CLL)

CIVIL PROCEDURE

Mikhaleva, N. A., and R. V. Vasil'ova, eds. [New civil law and civil procedure codes of the Union republics; materials from the conference of October 14-16, 1964] Novye grazhdanskoe i grazhdanskoe protsessual'noe kodeksy Soyuzykh respublik; materialy nauchnoi konferentsii (14-16 oktiabria 1964 g.) Moskva, Vses. nauchno-issl. in-t sovetskogo zakonodatel'stva, 1965. 212 p.
(CLL)

CIVILIZATION

Some problems of the genesis of world civilization in modern research. L. S. Vasil'ev, Nauch. Az. i Afr. no. 2. 171-180 '66.

CIVILIZATION AND TECHNOLOGY

see Technology and civilization

CLASSICAL PHILOLOGY

V. I. Lenin's use of classical and modern languages in his philosophical works. N. A. Timofeeva, Uch. zap. MGPI no. 234.5-26 '65.

CLASSIFICATION—BOOKS

[Classification of literature in the agencies of the bibliographical registration service] Klassifikatsiya literatury v organakh gosudarstvennoi registratsionno-uchetnoi bibliografii. Moskva, "Kniga," 1966. 180 p. (Metodicheskie materialy po gosudarstvennoi bibliograficheskoi registratsii, no. 23)

CLASSIFICATION, DECIMAL

Universal decimal classification. Mikrobiologiya 36 no. 1 188-189 Ja-F '66.

Universal decimal classification system. Prom. energ. 21 no. 3 45-46 M '66.

Universal decimal classification system. Teploenergetika 13 no. 1 71-72 Ja '66.

CLASSIFICATION, UNIVERSAL DECIMAL

Classification of publications according to the universal decimal classification. Muk.-elev. prom. 32 no. 2 28 F '66.

Universal decimal classification, Zap. Vses. nauch. ob-va 95 no. 1 118-120 '66.

Universal decimal classification and its purpose. Izv. vys. ucheb. zav.; tevel. met. 9 no. 1 171-172 '66.

CLASSIFICATION OF SCIENCES

Natural sciences as a subject of scientific study. O.I. Kedi ova/kyi 11109, p.obl.such.priy od no 1:30-34 '65.

CLAY

(see also subdivision under Aktau, Mount, Kazakhstan, Borovichi region, Novgorod Province, Carpathian Mountain region; Carpathian Mountains, Khanka Lake region; Leningrad region, Russia, Southern)

Binding characteristics of argillaceous rock during heat treatment in a steam gas medium. A.V. Nekhoroshev. Izv. vys. ucheb. zav., stroit. i arkhit. 0 no. 1 81-88 '65

Impairing hydrophobic properties to clays and the non-aqueous clay suspensions. F.I. Kobakhidze, M.E. Shishinashvili. Koll. zhur. 28 no. 154-58 Ja-F '66

CLAY—ADSORPTIVE PROPERTIES

Effect of organic compounds on the surface properties of clay particles. K.K. Gulanenko. Zhur. prikl. khim. 39 no. 2:471-473 F '66.

CLAY—ANALYSIS see subdivision under Dnieper Valley

CLAY MINERALS

Changes and migration of clay minerals in Podzol formation. V.A. Boichuk, P.G. Verbitskii. Vest. LGU 21 no. 3:130-139 '66.

Effect of surface-active substances on the properties of argillaceous rocks. V.P. Rudii, F.R. Sobkiv. Koll. zhur. 28 no. 1:119-122 Ja-F '66.

CLAY PIPE see Pipe, Clay

CLEANING COMPOUNDS

Optimum conditions of the removal of nonsulfonated compounds from alkyl sulfates. Report No. 1. G.I. Moskvina, N.I. Dofnikina, L.V. Ialsenko. Masi. zhur. prom. 32 no. 1:18-20 Ja '66.

CLEARING OF LAND

Defoliation of the clearings of overhead power transmission lines. G.E. Novikov, G.V. Plotnikov. Energetik 14 no. 3:28-30 Mh '66.

CLEFT PALATE

Tharev, V.I. [Restorative surgery in congenital hard and cleft palate] Vosstanovitel'naya khirurgiya vrozhdennykh rasschelnin guby i ncha. Kishinov, Karla moldoveniaske, 1965. 120 p. (DNLM)

CLIMACTERIC

Climacteric and work ability. P.V. Chukvaev. Sov. med. 29 no. 2:72-75 F '66.

CLIMATE AND SOILS see Soils and climate

CLIMATOLOGY

Climatic norms and the interrelation of some natural factors. F.F. Davlatov. Meteor. i gidrol. no. 3:3-9 Mh '66.

Year-to-year variability of meteorological elements. Y.N. Kolesnikova, A.S. Monin. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 2:113-120 F '66.

CLIMATOLOGY, MEDICAL

Arterial pressure in the residents of Noril'sk. G.L. Zubri, E.A. Klimov. Sov. med. 27 no. 5:136-138 My '64.

CLOCKMAKING AND WATCHMAKING

Soviet watches. A. Morozov. Vnesh. torg. 48 no. 3:43-45 '66.

CLOCKMAKING AND WATCHMAKING—ACCOUNTING see subdivision under Minsk

CLOCKS AND WATCHES—REPAIRING AND ADJUSTING

Quality is a common concern. D. Paramonov. Sov. torg. 39 no. 4:35-36 Ap '66.

CLOSTRIDIUM—CULTURES AND CULTURE MEDIA

Effect of purified collagenases from the filtrates of Clostridium perfringens and Clostridium histolyticum cultures on the collagen of human articular appendage sections. L.V. Dolinskaya, I.A. Larina, G.A. Levinskaya. Arkh. pat. 28 no. 1:80-83 '66.

CLOTHING, COLD WEATHER

Effect of the volumetric weight, type of fibers, and thickness of batting interlining on its heat conductivity. P.A. Kolesnikov, A.A. Goriachikina. Shvein. prom. no. 1:13-20 Ja-F '66.

CLOTHING, COLD WEATHER—TESTING

Evaluation of the hygienic properties of outerwear with a "porolon" warm interlining. K.I. Stankevich, N.O. Marzeeva. Leh. prom. no. 1:12-14 Ja-F '66.

Semiautomatic apparatus for testing the heat insulating properties of materials. L.I. Tretyakova. Leh. prom. no. 1:38-41 Ja-F '66.

CLOTHING, PROTECTIVE see subdivision under Chelyabinsk Province

CLOTHING AND DRESS

Spring and summer fashions. N. Okuneva. Sov. pot. sb. koop. 10 no. 3 48 Mh '66

CLOTHING AND DRESS—CLASSIFICATION

Study of demand and the coefficient of information. I. Lakhman, T. Byehkova. Sov. torg. 39 no. 4:9-12 Ap '66.

CLOTHING INDUSTRY

(see also subdivision under Gorkiy; Leningrad, Moscow, Tashkent; Ukraine)

Basic ways of mechanization of production processes in the clothing industry aimed at the improvement of the quality of production and increase of labor productivity. G.P. Antonova. Shvein. prom. no. 1 8-11 Ja-F '66

Information. Shvein. prom. no. 1:36-40 Ja-F '66.

CLOTHING INDUSTRY—ACCOUNTING

Accounting for the use of textiles in the clothing industry. I. Belobzhetskii, G. Semenov. Buhg. uch. no. 2. 47-52 F '66.

CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Minsk

CLOTHING INDUSTRY—MANAGEMENT

(see also subdivision under Alma-Ata, Dakhara, Kharkov, Tashkent)

Accelerate putting the resolutions of the September (1965) Plenum of the Central Committee of the CPSU into practice. N.L. Sotnikov, Shvein. prom. no. 1:1-7 Ja-F '66.

Mechanology of determining the level of labor mechanization in the clothing industry. S.I. Kovalenko. Izv. vys. ucheb. zav., lekhn. leg. prom. no. 1 8-16 '66

The trade and clothing production. D. Zamkovskii. Sov. torg. 39 no. 3:21-27 Mh '66.

CLOTHING INDUSTRY—MECHANIZATION

Mechanization in clothing stores. L. Dekelman. Sov. torg. 39 no. 3 40-51 Mh '66.

CLOUD PHYSICS

Experience in regulating the development of thick convective clouds by means of a high-dispersion aerosol of a surface-active agent. V.G. Morachkovskii, I.T. Bartishvili, M.M. Kokhanovich. Probl. fiz. atm. no. 3. 224-230 '65.

Matveev, L.T. [Dynamics of the formation and the forecasting of stratiform cloud systems] Dinamika formirovaniya i prognoz sloistobraznykh oblachnykh sistem. Moskva, Akad. nauk SSSR, 1965. 31 p.

Structure of stratiform clouds. B.P. Byalik. Melcor. i gidrol. no. 3:32-37 Mh '66.

CLOUDS see subdivision under Antarctic regions

CLUTCHES (MACHINERY)

Investigating the moment of friction of clutch couplings during the starting period. I.A. Zalats. Dokl. MIISF 1 no. 8:17-25 '64.

COAGULATION

Coagulation constant of highly dispersed aerosols. N.A. Fuks, A.G. Salugin. Koll. zhur. 28 no. 1:131-138 Ja-F '66.

Effect of polystyrene latex of different sodium oleate content on coagulation structure in titanium dioxide suspensions. N.A. Shabanova, E.M. Aleksandrova. Koll. zhur. 28 no. 1:139-141 Ja-F '66.

Effect of ultrasound on the coagulation structures of kaolinite and monothiermite. N.N. Kruglitskii and others. Ukr. khim. zhur. 32 no. 1:27-33 '66.

Stability and coagulation of synthetic latexes. Part 7: Electron microscopy data. R.E. Nelman, A.I. Kurilenok, A.P. Kirdeeva. Koll. zhur. 28 no. 1:105-100 Ja-F '66.

Stability and coagulation of synthetic latexes. Part 6: Mechanism of the first stage of coagulation. R.E. Nelman, O.A. Lashenko, A.P. Kirdeeva. Koll. zhur. 28 no. 1:110-111 Ja-F '66.

COAL

It-diagrams for coals based on the reduced characteristics of fuels. I.A.L. Pekker. Teploenergetika 13 no. 1: 86-89 Ja '66.

COAL—ANALYSIS

(see also subdivision under Kuznetsk Basin)

Gravimetric analysis of coal mined by the hydraulic method. N.K. Beloglazov, B.A. Zemliakov. Izv. SO AN SSSR no. 10 Ser. lekhn. nauk no. 3:150-155 '64.

COAL—TESTING

Effect of flotation reagents on the structure of coal slime. I.N. Flakina, V.I. Solntseva. Izv. vys. ucheb. zav., goi. zhur. 5 no. 11:156-158 '62.

COAL GEOLOGY see subdivision under Dnieper-Donets Lowland; Dnieper Valley; Donets Basin; Donetsa Basin

COAL-HANDLING MACHINERY

Scraper-conveyor loading in carrying out development workings. V.I. Startsev. Ugol' Ukr. no. 3:37-39 Mr '66.

COAL-HANDLING MACHINERY—DESIGN AND CONSTRUCTION

Automatic loader with weight proportioning for skip hoisting. M.I. Stolbun, S.V. Karas'. Ugol' Ukr. no. 3:25-28 Mr '66.

COAL MINERS—DISEASES AND HYGIENE

What we learn from experience. N. Borichev. Sov. shakht. 15 no. 2:21-22 F '66.

COAL MINERS—EDUCATION AND TRAINING

(see also subdivision under Karaganda Basin)

Don't accept shortcomings. V. Markov. Prof. i lekhn. obr. 23 no. 3:29-31 Mr '66.

COAL MINERS—LEGAL STATUS, LAWS, ETC.

More consideration for miners. V. Ganin. Sov. shakht. 15 no. 3:24 '66.

COAL MINES AND MINING

(see also subdivision under Donets Basin, Karaganda Basin; Kazakhstan, Moscow Basin, Soviet Central Asia)

Community of mining engineers and technicians greets the 23rd Congress of the Communist Party of the Soviet Union. Ugol' 41 no. 3 1-2 Mr '66.

Debate mining the optimal size of a mining area during paneling of coal seams. B.S. Lokshin. Izv. vys. ucheb. zav., goi. zhur. 5 no. 11:3-8 '62.

Experimental study of the stability of bare wallrock in mining steeply pitching seams without slope lining. P.N. Voskobeev. Ugol' 41 no. 2:17-21 F '66.

In the Ministry of the Coal Industry of the U.S.S.R. Shakht. stroit. 10 no. 3:30 Mr '66.

Industrial testing of lightweight lining of vertical workings. G.I. Kravchenko and others. Shakht. stroit. 10 no. 2: 4-7 F '66.

Inspiring influence. D.T. Surikov. Sov. shakht. 15 no. 3. 14 '66.

Mining a 2.5 m thick seam under complex geologic conditions. I.I. Kononov. Ugol' Ukr. no. 3:39-41 Mr '66.

New phase in striving for the building of communism. Ugol' Ukr. no. 3:1-2 Mr '66.

Quality control of preliminary water injection into coal blocks. B.M. Medvedev, V.K. Chaikin, G.N. Kuznetsov. Ugol' 41 no. 3 61-63 Mr '66.

Rapid crosscutting of the main cross heading at the "Bukovskaya" mine. V.I. Satriev, M.P. Pukov, V.P. Krilunov. Shakht. stroit. 10 no. 2:15-17 F '66.

Resolution of the Collegium of the Ministry of Coal Industries of the Soviet Union and the Presidium of the Central Administration of the Scientific Technological Society for Mining. Ugol' 41 no. 3 72-73 Mr '66.

Results of early degasification with the use of the method of controlled hydraulic disjoining of the seam. A.I. Ksenofontova, N.V. Nozhkin. Ugol' 41 no. 2:69-73 F '66.

Selection of efficient conditions for coal deposits. V.S. Borisov, O.N. Komlasarova. Razved. i okh. nedr. 32 no. 1:10-16 Ja '66.

Speed up the pace, comrade miner! Stages of the long road. I.A. Filchenko. Sov. shakht. 15 no. 2:7 F '66.

Teaching is not an easy task. V. Markov. Sov. shakht. 15 no. 3:12-13 '66.

COAL MINES AND MINING—AIR CONDITIONING

Technical trends in the further development of mine air conditions and mine thermophysics. A.N. Shcherban, F.A. Abramov, V.B. Komarov. Ugol' 41 no. 2:54-58 F '66.

COAL MINES AND MINING—AUDIO-VISUAL AIDS

Where are the visual aids? S. Korjakin. Sov. shakht. 15 no. 3:13 '66.

COAL MINES AND MINING—CONGRESSES

Fourth Congress of the Technological Mining Society. M.V. Reznichenko. Razved. i okh. nedr. 32 no. 1:61-62 Ja '66.

COAL MINES AND MINING—COSTS

(see also subdivision under Donets Basin)

Kulsh, S.A. [Overhead expenses connected with production means in coal enterprises] Izdarzhki obraashchenniy sredstv proizvodstva ugo'lykh predpriyatiy. Moskva, Nedra, 1965. 67 p. (Konkret-naya ekonomika dlya gornikov)

COAL MINES AND MINING—ECONOMIC ASPECTS

(see also subdivision under Donets Basin; Kuznetsk Basin; Ukraine)

Coal losses in worked-out areas in the system of sublevel hydraulic breaking. A.I. Buravlev and others. Ugol' Ukr. no. 3:17-18 Mr '66.

Economic efficiency of coal plowing. N.V. Astashkin, D.I. Goncharenko, M.I. Krut'kevich. Ugol' Ukr. no. 3. 31-33 Mr '66.

Economic estimates of time losses, and selection of an optimum capacity reserve of technological units in mines. A.S. Aslakhov. Ugol' 41 no. 3 53-57 Mr '66.

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

(see also subdivision under Karaganda Basin, Kizil Arsalin, Raychikinsk Basin)

Accumulation of methane in the cut chinks and fissures of coal seams, and preventive measures against it. A. Man- to, I.A. Fraiman. Ugol' 41 no. 2:68-69 F '66.

And they are only str. V. Maslo. Sov. shakht. 15 no. 2: 6 F '66.

Basic equipment for loading shield units for the mining of thin steep seams. I. V. Vasil'ev and others. Ugol' 41 no. 3:35-38 Mr '66.

Calculating the quantitative estimate of operational reliability of the equipment in selecting an efficient length of longwalls. V. N. Khorin, G. S. Rakhutin. Ugol' Ukr. no. 3:9-13 Mr '66.

Determining the device and nature of the wear of ropes of closed connections with their two-layer winding on the drum of a hoisting machine in vertical mine shafts. G. V. Vasil'ev, V. V. Petrov, A. B. Beldol'nyi. Ugol' 41 no. 3:68-70 Mr '66.

Do it yourself. V. Andrushenko and others. Sov. shakht. 15 no. 3:21-22 '66.

LV winch for steeply-pitching and inclined seams. Vasil'ev, Ugol' Ukr. no. 3:26-27 Mr '66.

new DG-3 and DGT-1 hydraulic jacks. I. P. Savet'ev, A. N. Gudyrin. Ugol' Ukr. no. 3:27-28 Mr '66.

The "rock-coal" pneumomechanical transmitter for automatic mining machinery. R. V. Shipakovskii. Ugol' 41 no. 2:37-40 F '66.

The 10-ton capacity mine winch. A. I. Kal'chenko. Shakht. stroi. 10 no. 3:29 Mr '66.

COAL MINES AND MINING—FINANCE

Increase the effectiveness of capital investments in the active enterprises of the coal industry. V. M. Tikhonit-rova. Shakht. stroi. 10 no. 2:3-4 F '66.

Make better use of production funds in coal mine building. A. P. Pavlushkin, I. A. N. Tskovtch. Shakht. stroi. 10 no. 3:7-8 Mr '66.

COAL MINES AND MINING—LABOR PRODUCTIVITY

(see also subdivision under Donetsk Basin, Pechora Basin, Ukraine)

In the name of communism. A. Eshtokin. Sov. shakht. 15 no. 3:1-2 '66.

Mining operations with the aid of coal cutter-loaders in the Soviet and foreign mines. A. P. Alimov, L. V. Golovinski, M. D. Krugliakova. Shakht. stroi. 10 no. 2:25-28 F '66.

Performance of an equipment complex in coal mine longwalls. A. D. Gridin. Ugol' 41 no. 4:23-30 Mr '66.

Profitable from year to year. V. V. Poltavov, I. I. Semkin. Ugol' 41 no. 2:4-6 F '66.

A record for the daily performance of the KM-87T conveyor. V. G. Semikulov, V. L. Molchan. Ugol' 41 no. 3:5-6 Mr '66.

They made 302 m of crosscutting in a month. G. I. Rybalkin, V. P. Olefint. Shakht. stroi. 10 no. 2:13-14 F '66.

We shall take the risk. N. Azarov. Sov. shakht. 15 no. 3:6 '66.

Wide open horizons. V. Arkhipov. Sov. shakht. 15 no. 2: 1-2 F '66.

With steady rhythm. N. Gavrilov. Sov. shakht. 15 no. 3: 6-7 '66.

COAL MINES AND MINING—LIGHTING

Lighting of areas having strong light fluctuations. N. M. Ovtetskaya. Ugol' 41 no. 3:66 Mr '66.

COAL MINES AND MINING—MANAGEMENT

(see also subdivision under Donetsk Basin, Karaganda Basin)

At high speeds. A. Babushkin, G. Lunin. Sov. shakht. 15 no. 3:7-8 '66.

Estimating the work concentration in coal mines. P. Z. Zviagin, B. L. Raikhel'. Ugol' Ukr. no. 3:33-38 Mr '66.

Give mines a scientific work organization. P. S. Eimachenko. Ugol' 41 no. 3:3-4 Mr '66.

Good managers. P. Sirkes. Sov. shakht. 15 no. 2:8 F '66.

Increase economic efficiency. P. Aleksandrov. Sov. shakht. 15 no. 3:5 '66.

Out-of-town session of the presidium. Sh. Labshanilla. Sov. shakht. 15 no. 3:11 '66.

Problems on the thickness standard of coal seams should mine separately. V. M. Buts. Ugol' 41 no. 3:11 '66.

COAL MINES AND MINING—SAFETY MEASURES

(see also subdivision under Donetsk Basin, Kizil Arsalin, Pechora Basin)

Air supply through ship shafts. A. M. Ivanov, P. N. Tor-shin, I. I. Zabludun. Ugol' Ukr. no. 3:12-14 Mr '66.

Collapsible sectional reinforcement-concrete supports. I. G. Krasov. Ugol' 41 no. 3:19-21 Mr '66.

Experimental tests with the KM-87T unit. V. S. Ovchinnikov, V. I. Postolovskii, V. G. Filatov. Ugol' 41 no. 2: 26-28 F '66.

Increased efficiency of dust collecting equipment in development faces. G. M. Feniakov. Ugol' 41 no. 3: 54-55 F '66.

Method of wetting and sealing boreholes in underground blasting for the prevention of outbursts during seam opening. V. D. Mitin, A. F. Shreider. Shakht. stroi. 10 no. 3:8-10 Mr '66.

Protection of the drifts in mining deep-lying coal seams. M. P. Zubovskikh, A. S. Blatshko, D. V. Dvorkhov. Ugol' Ukr. no. 3:13-14 Mr '66.

Using the results of mine observations of deformations in development workings for the maintenance of the latter. I. P. Korennoi, A. O. Spryng. Ugol' 41 no. 3:17-19 Mr '66.

COAL MINES AND MINING—TABLES, CALCULATIONS, ETC.

Determining standards for mining coal reserves. V. F. Besedin. Ugol' Ukr. no. 3:53-54 Mr '66.

COAL MINING MACHINERY

Experimental tests with the KM-87T unit. V. S. Ovchinnikov, V. I. Postolovskii, V. G. Filatov. Ugol' 41 no. 2: 26-28 F '66.

Experimental use of the KM-87T unit at the "Oktabr'skaya" Coal Mine. V. I. Borzenkov. Ugol' 41 no. 2:24-26 F '66.

Improve the equipment for the overall mechanization of horizontal and inclined mining operations. D. I. Mallova-nov. Shakht. stroi. 10 no. 3:1-5 Mr '66.

Interaction of the SA plow unit and the wallrock. V. L. Popov and others. Ugol' 41 no. 2:35-37 F '66.

New equipment. B. Shovkun, V. Sula, P. Miasnikov. Sov. shakht. 15 no. 2:11 F '66.

Organization of continuous production in coal mines. I. V. Buts. Ugol' 41 no. 2:47-50 F '66.

Performance of an equipment complex in coal mine longwalls. A. D. Gridin. Ugol' 41 no. 3:23-30 Mr '66.

Record coal production obtained by the OMKT unit at the "Chuvash-Nurinskaya" Coal Mine No. 12 of the Abatugol' Trust. K. A. Mamedov, A. N. Nuttakov. Ugol' 41 no. 2:5-7 F '66.

We shall take the risk. N. Azarov. Sov. shakht. 15 no. 3:6 '66.

When the "Kirovets" cutter-loader is in skillful hands. G. Piatkovskii. Sov. shakht. 15 no. 2:8 F '66.

COAL MINING MACHINERY—CONGRESSES

The all-union conference of the makers of mining machinery. B. M. Shecharanskii. Ugol' Ukr. no. 3:56 Mr '66.

COAL MINING MACHINERY—DESIGN AND CONSTRUCTION

see subdivision under Kazakhstan

COAL MINING MACHINERY—EFFICIENCY

(see also subdivision under Donetsk Basin)

Some results of the performance of KM-100 coal mining complexes. N. V. Sologubov, A. S. Lovshits. Ugol' 41 no. 3:49-51 Mr '66.

COAL MINING MACHINERY—RELIABILITY

Calculating the quantitative estimate of operational reliability of the equipment in selecting an efficient length of longwalls. V. N. Khorin, G. S. Rakhutin. Ugol' Ukr. no. 3:9-13 Mr '66.

COAL MINING MACHINERY—TESTING

Economic efficiency of coal plowing. N. V. Antashkin, D. I. Goncharenko, M. I. Kuvshinov. Ugol' Ukr. no. 3: 31-33 Mr '66.

Industrial tests of the SA automatic unit. I. I. Fedunets and others. Ugol' 41 no. 2:31-34 F '66.

Mining operations with the aid of coal cutter-loaders in the Soviet and foreign mines. A. P. Alimov, L. V. Golovinski, M. D. Krugliakova. Shakht. stroi. 10 no. 2:25-28 F '66.

COAL PREPARATION

Briquetting of coal fines (slime and screenings) mixed with lignite. G. B. Troshcheter, T. S. Bochkareva. Ugol' 41 no. 2:72-75 F '66.

Effect of coal chlorination on the yield and quality of coking products. V. N. Novikov and others. Koks, i khim. no. 2:4-8 '66.

Measures taken for preventing overbreakage of anthracite coal in mines of the Rostovogol' Combine. A. I. Rabychev, A. G. Tikhomirov, G. G. Kuznetsov. Ugol' 41 no. 2:29-31 F '66.

Studying the efficiency of dust collecting in unflow cyclones. M. I. Fes'kov. Ugol' 41 no. 3:71 Mr '66.

System for the automatic control of density and viscosity in coal preparation in a magnetic suspension. I. V. Bogun. Trudy VZEL no. 99,90-95 '65.

COAL PREPARATION—EQUIPMENT AND SUPPLIES

New centrifugal IGI-1 breaker for coal crushing. V. A. Rozhkov. Koks, i khim. no. 2:15-17 '66.

COAL PREPARATION PLANTS

see subdivision under Kemerovo Province

COAST CHANGES

Zoning of coastal processes and coast types. V. I. Lymarev. Vest. LGU 21 no. 6:88-100 '66.

COASTS

Processes of the formation of a coastal ridge. B. A. Shul'gin, V. L. Boldyrev. Okeanologia 6 no. 1:100-116 '66.

COAXIAL CABLES

Parameters of signaling cables in the audio frequency range. V. I. Sokolov, V. I. Tichon. Nauch. trudy OMI 51:81-86 '61.

COBALT—PHYSIOLOGICAL EFFECT

Cobalt oxide granules for controlling cobalt deficiency in cows. I. A. M. Reizin. Dokl. Akad. Nauk, no. 2: 31-35 F '66.

COBALT CARBONYLS

Hydroformylation in the gas phase. V. II. Gankin and others. Khim. i tekhn. topl. i masel. 10 no. 4:8-10 Ap '66.

COBALT-CHROMIUM ALLOY PLATING

Investigating the process of the electrolytic deposition of a cobalt-chromium alloy. N. T. Kudl'atov, J. I. Polapov, M. M. Mel'nikova. Zashch. met. 2 no. 2:216-220 '66.

COBALT COMPOUNDS

Aquation of chloroethylamine-lith-ethylenediaminecobalt(II)-nitrate in aqueous organic solutions. V. D. Pashchuk, L. G. Reiter. Zhur. neorg. khim. 11 no. 3:606-613 Mr '66.

COBALT ISOTOPES

Behavior of cobalt 60 and ruthenium 106 in reservoirs with slow circulation. V. I. Ivanov. Trudy Inst. biol. UFAN SSSR no. 15:71-75 '66.

Cobalt sorption by talc. A. A. Tikhonova. Trudy Inst. biol. UFAN SSSR no. 45:77-84 '66.

Reaction yields in the cyclotron production of Co⁵⁷. N. M. Krasnov, P. P. Dmitriev. Atom. energ. 20 no. 1:57-59 Ja '66.

COBALT ISOTOPES—DECAY

The λ/β^1 relation for the allowed transitions γ^{10} ($4^+ \rightarrow 4^+$) and Co^{50} ($2^+ \rightarrow 2^+$). I. I. Biriukov, I. G. Zolotarev, N. S. Shinnikova. Izv. AN SSSR. Ser. fiz. 30 no. 3:504-510 Mr '66.

COBALT ORGANIC COMPOUNDS

see Organocobalt compounds

COBALT OXIDES

Co₃O₄ as a combustion catalyst in the determination of carbon and hydrogen in organic compounds. A. A. Abramyan, M. A. Ballan. Izv. AN Arm. SSR. Khim. nauki 17 no. 5:591-603 '64.

COBALT PLATING

Chemical nickel and cobalt plating. A. M. Khaitonuk. Metalloved. i term. obr. met. no. 3:57-59 Mr '66.

COBALT SELENITE

Solubility of cobalt selenite. I. V. Platinitskii, M. Durdyyev. Ukr. khim. zhur. 32 no. 1:77-81 '66.

COBALT-TITANIUM-ALUMINUM ALLOYS

see Titanium-cobalt-aluminum alloys

COBALT-TUNGSTEN ALLOYS

see Tungsten-cobalt alloys

COCAINE

Photocolorimetric determination of cocaine. L. K. Karpova. Apt. delo 14 no. 3:35-37 My-Je '65.

Study of cocaine losses in forensic chemical examinations. O. A. Akopian. Farmatsov. zhur. 20 no. 4:50-53 '65.

COCCIDIOSIS

Coccidiosis in chicks and its prophylaxis. E. Kh. Losnik. Veterinariia 42 no. 1:114 Ja '66.

Effectiveness of the use of antibiotics and chemical preparations in experimental coccidiosis of poultry. N. A. Glebova, V. M. Petrov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 2:173-78 F '66.

COCCIDIUM

see subdivision under Tajikistan

COCCOLITHOPHORIDAE

Biostratigraphic significance of Coccolithophoridae in the bottom deposits of the Pacific Ocean. M. G. Ushatova, *Okeanologiya* 6 no. 1 136-143 '66

CODFISH see subdivision under: Barents Sea, White Sea

CODING THEORY

Device for information input from a punched tape with system numerical transformation. M. A. Makshimov, N. B. Bekh-zark, *Trudy Vychislitel'noy AN Azerb SSR* 3 161-170 '67

Factorization of polynomials over the GF(2) field. G. G. Ananishvili and others, *Sov. Akad. Nauk SSR* 11 no. 1 129-131 Ja '66

CODING THEORY—CONGRESSES

Studies in the coding theory, all-Union conference in Baku, V. A. Garmash, *Vest. AN SSSR* 36 no. 2 132 Ja '66

COELICOMYCIN

Antibiotic of the coelicomycin type produced by *Actinomyces indigocolor*. Antibiotiki 11 no. 3 194-198 Mi '66

COFFEE—PACKAGING

Preservation of natural roasted coffee in various packaging. E. G. Chumeneva, M. S. Kuvshina, S. F. Zolotareva, *Kons. i ov. prom.* 21 no. 4 20-23 Ap '66

COFFERDAMS

Formation of rock pitch in streams at low temperatures. I. V. V. Obozhenko, *Gidrot. i st. o. i.* 35 no. 2 39-41 '65

COINS, TATAR

Two finds of Tatar coins of the 15th century. A. G. Mulhamedev, *Sov. arkheol.* 10 no. 2 250-273 '66

COINS, TIBETAN

The first coins minted in Tibet. A. S. Matiyev, *Khat. i sov. Inst. nat. Az.* no. 69 107-102 '65

COKE—TESTING

Comparative evaluation of coke obtained in PK-47 and PK-2K ovens operated with the complete set of wide regenerators. L. P. Semislov and others, *Koks. i khim.* no. 2 24-26 '66

Testing the production of coke from low coking and noncoking coal in Ignets. V. I. Zhunko, B. M. Ravich, I. A. Andreeva, *Izv. vuz. i uch. zav. i gos. zhurn.* 6 no. 11 157-160 '62

COKE INDUSTRY see subdivision under: Cherepovets (Vologda Province)

COKE INDUSTRY—BY-PRODUCTS

Analysis of the crystallization of naphthalene-containing oils directly on the cooling agent. V. V. Logacheva, D. D. Zykov, A. S. Ocheret, *Koks. i khim.* no. 2 29-32 '66

Causes of the contamination of recovered acid and methods of its purification. M. M. Sorokin and others, *Koks. i khim.* no. 2 37-40 '66

Chromatographic determination of impurities in benzene and in the ethylene fraction. Kh. F. Kuzmina and others, *Koks. i khim.* no. 2 43-46 '66

Continuous purification of compressed naphthalene by sulfuric acid. M. K. Pakter, D. P. Dubrovskaya, A. S. Ocheret, *Koks. i khim.* no. 2 34-37 '66

New method of analytical production control. P. N. Gorelov, A. G. Vasil'eva, I. U. G. Usova, *Koks. i khim.* no. 2 16-19 '66

COKE MANUFACTURE

Effect of coal chlorination on the yield and quality of coking products. V. N. Novikov and others, *Koks. i khim.* no. 2 4-8 '66

Evaluating the degree of mixing of the coal charge. V. G. Zashkvara, *Koks. i khim.* no. 2 12-15 '66

Thermal effects of the coking process. V. V. Kazmina, *Koks. i khim.* no. 2 10-21 '66

Volatility of the various forms of sulfate sulfur during the process of coal coking. K. P. Medvedev, V. M. Potropolskaya, *Koks. i khim.* no. 2 8-12 '66

COKE MANUFACTURE—TECHNOLOGICAL INNOVATIONS

Festschrift Congress of the Scientific and Technical Society of the Iron and Steel Industry. V. Ermolova, *Koks. i khim.* no. 2 81-82 '68

COKE-OVEN GAS

Calculating the economic efficiency of the chemical processing of coke-oven gas. P. S. Gusev, A. N. Zolovskii, *Koks. i khim.* no. 2 55-60 '66

Removal of nitrogen oxides from coke-oven gas. A. I. Trofimov, *Koks. i khim.* no. 2 42-43 '66

COKE OVENS

Comparative evaluation of coke obtained in PK-47 and PK-2K ovens operated with the complete set of wide regenerators. L. P. Semislov and others, *Koks. i khim.* no. 2 24-26 '66

Correction of the consumption of blast-furnace gas for heating purposes. A. M. Sigal, *Koks. i khim.* no. 2 2-24 '66

COKE OVENS—MAINTENANCE AND REPAIR

Causes of the early deterioration of pitch coke ovens. I. A. Kogan, A. G. Notsch, *Koks. i khim.* no. 2 26-28 '66

COKE PLANTS—EQUIPMENT AND SUPPLIES see subdivision under: Cherepovets (Vologda Province)

COLD—PHYSIOLOGICAL EFFECT

Sulfide by exposure. V. S. Zhukov, *Sud.-med. eksp. i* 9 no. 1 17 Ja-Mi '66

COLD BATHS see Baths, Cold

COLD STORAGE ON SHIPBOARD

Experience in the automation of the refrigeration plant on a type RMH traveler. S. I. Geller, A. I. Komilov, *Khol. tekhn.* 13 no. 3 21-27 Mi '66

COLD STORAGE WAREHOUSES see subdivision under: Kharkov, Moscow, Zlatkovskiy (Moscow Province)

COLD STORAGE WAREHOUSES—DESIGN AND CONSTRUCTION

Reinforced concrete on bricks for the construction of cold storage warehouses? A. I. Ish, *Khol. tekhn.* 13 no. 2 16-17 Ja '66

COLD STORAGE WAREHOUSES—EQUIPMENT AND SUPPLIES

Drying cabinets for work clothes in cold storage warehouses. A. V. Valaev, A. I. Dement'ev, *Khol. tekhn.* 41 no. 1 17-18 Mi '66

Semibounded vertical air separator with intensive action. I. P. Shadrin, *Khol. tekhn.* 13 no. 2 50-52 Ja '66

COLD STORAGE WAREHOUSES—MANAGEMENT

Industrial character of cold storage warehouses. M. M. Pavlin, *Khol. tekhn.* 13 no. 3 13-17 Mi '66

COLD WEATHER CLOTHING see Clothing, Cold weather

COLD WELDING

Bonding of aluminum and copper in high vacuum. B. I. Veikin, I. L. Kravchenko, A. N. Lulichev, *Avtom. svar.* 19 no. 2 10-14 F '66

Diffusion bonding: a review of literature. G. Kharchenko, *Avtom. svar.* 18 no. 2 28-33 F '65

Diffusion bonding in carbon dioxide. V. I. Slepukha, *Avtom. svar.* 18 no. 2 23-27 F '65

Influence of the parameters of friction welding on the quality of welded joints. A. I. Khristoforov, N. A. Noga, *Svar. prozv.* no. 3 30-31 Mi '66

A new source of heat for diffusion bonding. G. M. Gurevich, G. B. Kharchenko, *Avtom. svar.* 18 no. 2 76-77 F '65

Pressure interwelding of gold to silicon. V. D. Tabelev, A. A. Rossoshanskii, *Avtom. svar.* 18 no. 2 10-20 F '65

Role of vacuum in cold welding. V. I. Balakin, K. K. Khonov, *Avtom. svar.* 10 no. 2 7-8 F '66

COLD WELDING—EQUIPMENT AND SUPPLIES

Calculation of temperature fields during friction welding. L. A. Shtein, *Svar. prozv.* no. 3 6-8 Mr '66

Certain peculiarities of diffusion welding in carbon dioxide and nitrogen. V. T. Slepukha, V. D. Taran, *Svar. prozv.* no. 4 13-15 Ap '66

COLIC

Pathogenesis and treatment of renal colic, clinical experimental study. K. M. Muradian, *Klin. khir.* no. 4 70-75 '65

COLICINS

Effect of acriflavine on the frequency of colicinogenic factor transfer in *Salmonella typhimurium*. V. G. Likhoded, T. B. Padalko, *Mikrobiologiya* 34 no. 6 1041-1048 N-D '65

COLITIS

Clinical characteristics of the colitic forms of present day typhoid fever. G. S. Kovalevskii, *Sov. med.* 20 no. 2 50-61 F '66

Principles and tactics of rectal methods in the treatment of chronic colitis. A. G. Saakian, *Sov. med.* 20 no. 2 122-124 F '66

COLLAGEN—TESTING

Physicochemical properties of collagen fibers. I. I. Mikaelian, V. A. Kufin, A. N. Mikhailov, *Izv. vuz. i uch. zav. i tekhn. leg. prom.* no. 1 12-50 '66

COLLAGENASE

Effect of purified collagenases from the filtrates of *Clostridium perfringens* and *Clostridium histolyticum* cultures on the collagen of human auricular appendage sections. L. V. Boletskaya, I. A. Laina, G. A. Levitkova, *Ark. pat.* 28 no. 1 80-83 '66

COLLECTIVE FARMS

(see also subdivision under: Estonia; Kazakhstan, Khmel'nikskiy Province, Kirghizstan, Bisk. Prov. lino, Minsk Province, Moscow Province; Novgorod Province, Ukraine)

Everyday life on a collective farm. I. Zebunin, *Okhr. i sots. str. i zh.* no. 3 16-18 Mi '66

Our collective farm. P. Kozlov, *Kommunist* 12 no. 2 10-10 Ja '66

The reform of agriculture. F. Vaganov, *Kommunist* 12 no. 3 102-101 F '66

Socioeconomic structure of collective farm villages in 1913-1910. M. A. Vyslan, *Ist. i stat.* 10 no. 2 44-65 Mi-Ap '66

Venches, V. G. [The collective farm system at the present stage] *Kolkhozniki i sots. na sovetskom etape*. [Moskva] Ekonomika, 1966, 301 p.

The winds which herald the coming of spring. B. Polvol, *Kommunist* 42 no. 3 36-41 F '66

COLLECTIVE FARMS—ACCOUNTING

(see also subdivision under: Volgograd Province)

Accounting for capital investments and fixed assets on collective farms. N. Khmel'ev, *Vest. stat.* no. 3 58-66 '66

Let us put in order the payments of collective farms to the organizations of the "Selkhoztekhnik" O. Rudol, *Rad. pravo* 29 no. 3 71-75 Mi '66

COLLECTIVE FARMS—AUDITING AND INSPECTION

How to perform monthly control where business accounting is in operation within individual production units of a collective farm. M. Shubatev, *Ek. i stat. Uki.* 9 no. 3 70-77 Mi '66

COLLECTIVE FARMS—FINANCE

(see also subdivision under: Daghestan; Moldavia)

Issuing of credit to collective farms expands. Den. i k. i. d. 21 no. 2 3-7 F '66

Pravdin, D. I. [Public consumption funds on collective farms] *Obshchestvennoe fondy pot. i obshch. v kolkhozakh*. [Moskva, Kolas, 1966, 134 p.]

Romanchenko, G. R. [Problems of the profitability of collective farm production] *Problemy rentabel'nosti kolkhoznoy proizvodstva*. [Leningrad] Lendstat, 1965, 110 p.

A year of successful farm development. M. Khar'chenko, *Ek. i stat. Uki.* 11 no. 3 10-50 Mi '66

COLLECTIVE FARMS—INCOME DISTRIBUTION

(see also subdivision under: Ukraine)

Payment of wages to collective farmers depending on the results of their production. V. Zhurkov and others, *Ist. i stat. Uki.* 11 no. 1 75-86 Mi '66

COLLECTIVE FARMS—INTERFARM COOPERATION

(see subdivision under: Uzbekistan)

COLLECTIVE FARMS—INTERFARM DISTRIBUTION see subdivision under: Cherkassy Province

COLLECTIVE FARMS—LABOR PRODUCTIVITY

(see subdivision under: Krasnodar Territory)

COLLECTIVE FARMS—LAWS AND LEGISLATION

(see also subdivision under: Kirghizstan)

Conference on the theoretical problems of the future Model Statute of Agriculture Cooperatives. O. S. Kolbasov, *Sov. gos. i pravo* 38 no. 3 144-145 Mr '66

Draft of the new collective farm statute. I. K. Ivokhlyskii, S. M. Yul'inskiy, *Ek. i stat. Uki.* 41 no. 2 102-101 F '66

Government leadership and democracy on collective farms. V. Denysenko, *Sov. iust.* 30 no. 7 18-19 Ap '66

Our suggestions. A. Selatanov, *Sots. zakon.* 43 no. 3 50-50 Mi '66

COLLECTIVE FARMS—MANAGEMENT

(see also subdivision under: Kayrakliya, Moldavia, Khmel'nikskiy Province, Krasnodar Territory; Volgograd Province)

The country will get lots of agricultural products. E. P. Paltov, *Zakup. sel'khoz. prod.* no. 6 12-15 Ja '65

The economy of the collective farm is strengthening. I. Shabanin, *Ek. i stat. Uki.* 41 no. 3 13-15 Mr '66

Governing organs of collective farms. A. A. Rusko, R. D. Bogolapov, *Sov. gos. i pravo* 38 no. 3 144-145 Mr '66

High material self-interest. V. Dudko, *Ek. i stat. Uki.* 41 no. 3 16-18 Mi '66

Plans for the use of land within individual production units must be based on economic considerations. F. Epifanov, *Ek. i stat. Uki.* 41 no. 2 86-91 F '66

Voropaev, V. I. [A collective farm plans its future]

Kolkhoz planirovka budushchego. [Moskva, Znaniye, 1964, 54 p. (Narodnyi universitet: Sel'khoz. i sots. iust. fakul'tet, no. 11)]

Work organization and wages of collective farmers. I. F. Kaz'min, *Sov. gos. i pravo* 38 no. 1 90-102 Ap '66

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES

Legal status of officials of collective farms. A. M. Kalan-dadze, *Sov. gos. i pravo* 38 no. 3 86-93 Mr '66

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COMMUNICABLE DISEASES

Rudnev, G. P. [Clinical aspects of especially dangerous infections] Klinika osobo opasnnykh infektsii. Moskva, Meditsina, 1966 294 p. (Biblioteka prakticheskogo vracha) (DNLM)

COMMUNICATIONS, MILITARY—COMPETITIONS

Cablemen's preliminary preparatory competitions. E. M. Goncharenko. Vest. protivovozd. obsl. no. 10, 38-40 O '65.

COMMUNICATIONS, MILITARY—STUDY AND TEACHING

Higher level of training signallers. L. I. Gavrilenko. Vest. protivovozd. obsl. no. 1 23-26 Ja '66

COMMUNION see Lord's Supper

COMMUNISM

(see also subdivision under Ukraine)

Economic laws and how they are used under socialism. A. Egamberdiyev. Ekon. i zhizn' 8 no. 115-19 Ja '66.

Fomina, A. D. [Subject of scientific communism; an outline of lectures] Pri oboznenii nauchnogo kommunizma, konsept i teorii. Zaporozh'e. Zaporozhskii gos. pedagog. in-1, 1965, 43 p. (CS-11)

In honor of the 23rd Congress of the Communist Party of the Soviet Union. Nach. shkola 34 no. 3:3-6 Mr '66.

Krasnoyarsk. Institut tsyevnykh metallov. [Philosophy, political economy and the history of the CPSU; reports of the conference on science and technology] Filosofiya, politicheskaya ekonomiya i istoriya KPSS; doklady nauchno-tekhnicheskoi konferentsii. Pod red. P. E. Krasheva i A. A. Selezneva. Krasnoyarsk, 1965. 66 p. (CS-11)

Kromod, I. A. [Laws of the political economy of socialism, methodological and theoretical studies] Zakony politicheskoi ekonomii socializma; ocherki metodologii i teorii. Moskva, Mysl', 1966 580 p.

Leninist party spirit in philosophy and the problems of our time. F. Konstantinov. Kommunist 42 no. 1:84-94 Ja '66.

Main forces of the present-day world revolutionary process. N. Kulikov. Mir, ekon. i mezhdunar. otn. no. 3:3-18 '66.

Pavlov, F. S. [Development of communist social relations; aid for correspondence students studying the fundamentals of scientific communism] Formirovaniye kommunisticheskikh obshchestvennykh otnoshenii, v pomoshch' studentam-zachemnikam, izuchaiushchim osnovy nauchnogo kommunizma. Dnepropetrovsk, Dnepropetrovskii gos. univ., 1965. 20 p. (CS-11)

Philosophical sketches from the anticommunist exhibition. R. Rykhovskii. Kommunist 42 no. 5:114-122 Mr '66.

Ponomarev, B. N., and others, eds. [International revolutionary movement of the working class] Mezhdunarodnoe revoliutsionnoe dvizheniye rabochego klassa. Izd. 3., dop. i ispr. Moskva, Politizdat, 1966. 446 p.

Problem of the working class's unity in the struggle for social progress. S. G. Ivanov, I. Undasynov. Mir, ekon. i mezhdunar. otn. no. 3:81-91 '66.

Socialist society and the individual. M. Petrosian. Kommunist 42 no. 3:81-71 F '66.

Substance of the concept of "ideological conviction." M. F. Barozhich. Vestnik AN BSSR, Ser. human. nav. no. 1:17-24 '66.

Toward new victories! Giarzh, av. 23 no. 4:1-2 Ap '66.

Toward new victories of communism! Kryl. rod. 17 no. 4:1 Ap '66.

True road to communism. Sov. protob. koop. 10 no. 3:2-4 Mi '66.

Under the banner of the Great October. Vest. protivovozd. obsl. no. 10:3-7 O '66.

Unity and diversity. Fritz Glaubauf. Nov. vrem. 23 no. 10:3-5 Ap '66.

V. I. Lenin on the role of the popular masses in the building of communism. N. P. Frantsuzova. Uch. zap. kaf. mar.-len. filoz. no. 6:3-25 '65.

Zhurba, S. I. [Two worlds and two realities] Dva svyaz' — dve dlanosti. Kyiv, Polityvday Ukrainy, 1965. 331 p.

COMMUNISM—STUDY AND TEACHING

Specialization, program and subject outline. A. A. Fedoseev. Vest. yun. shkoly 24 no. 2:73-75 F '66.

COMMUNISM AND ART

Communism ideal in art. V. Murina. Kommunist 42 no. 3:52-60 F '66.

Essence of party character of literature and art. A. I. Smirnov. Sbor. nauch. rab. Volg. gos. ped. inst. no. 1: 157-165 '64.

Matvey, A. A. [Art and society. Translated from the Bulgarian] Iskustvo i obshchestvo. Perevod i posloslovie L. V. Vorob'eva. Moskva, Progress, 1966. 318 p.

Nekhoroshev, Yu. I. [Formalism is the enemy of progress, an enemy of the truth of life] Formalizm — vrug novatorstva, vrug zhiznennoi pravdy. Leningrad, Khudozhnik RSFSR, 1965. 37 p. (NIC)

COMMUNISM AND LAW see Law and communism

COMMUNISM AND LITERATURE

Essence of party character of literature and art. A. I. Smirnov. Sbor. nauch. rab. Volg. gos. ped. inst. no. 1: 157-165 '64.

The Lenin principle of party spirit in literature and art problems in the study of literature, general meeting of the Department of Literature and Language. E. I. Trushchenko. Vest. AN SSSR 33 no. 1:155-156 Ju '66.

More on the role of the conception of the world in literary works. A. B. Kaban. Rad. lit. 10 no. 2:3-15 F '66.

Sixtieth anniversary of the publication of V. I. Lenin's article "Party organization and party literature." Rad. lit. 10 no. 1:91 Ja '66.

COMMUNISM AND RELIGION

Frantsev, Yu. P. [Talks about religion and knowledge, a popular handbook] Besedy pro religii i znaniya; popularnyi pidiuchnyk. Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1965. 348 p. (NJ)

Leninism and the policy of communist and workers parties in capitalist countries concerning religion and the church. V. D. Bazhenov. Uch. zap. kaf. mar. len. filoz. no. 5 28-56 '65.

Shela, V. S. [The venous beauty of the church and the genuine beauty of life] O ladovoi krasote tserkvi i podlinnoi krasote zhizni. Alma-Ata, Izd-vo "Kazakhstan," 1964. 197 p. (NJ) (WU)

COMMUNISM AND SCIENCE

Communism and science. M. Millionchikov. Kommunist 42 no. 5:30-34 Mr '66.

COMMUNISM AND SOCIETY

Nilov, A. V. [Marxist-Leninist doctrine on the role of the masses and personality in the historical process; materials for lecturers and propagandists] Marksist-skoleniye uchenie o roli massa i lichnosti v istoricheskoi teorii, materialy v pomoshch' lektorum i propagandistov. Volgograd, Volgogradskaya obl. organizatsiya ob-va "Znanie," 1965. 55 p. [MICROFILM]

A special formation or a transitional state of society? S. E. Krapivenskii. Nar. Az. i Afr. no. 2 87-90 '66

COMMUNIST COMPETITION

At the head of a movement. F. Dovnat. Sov. radio i tel. 12 no. 4:21 Ap '63

Inspiring influence. D. Tsurikov. Sov. shakhi, 15 no. 3:14 '66.

COMMUNIST COUNTRIES—ATOMIC ENERGY RESEARCH

International scientific cooperation of equis. M. M. Lebedenko, P. A. Tokareva. Sov. gos. i pravo 36 no. 3:115-120 Mr '66.

COMMUNIST COUNTRIES—DIVISION OF LABOR

Matvey, E. G. [International socialist division of labor and national economic planning] Mezhdunarodnoye sotzialisticheskoye razdeleniye truda i narodnohozhaystvennoye planirovaniye. Moskva, Ekonomika, 1965. 92 p. (Obshchaya problema sovshenshtvovaniya planirovaniya, no. 13)

COMMUNIST COUNTRIES—DRUGSTORES—EQUIPMENT AND SUPPLIES

Use of minor mechanization in the drugstores of people's democracies. Yu. S. Shumakov. Farmatsia, zhur. 21 no. 1:81-85 '66.

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

Builders of a new world; a review. A. Lukovets. Agitator 33 no. 3:48-49 F '66.

In the Institute of the Economy of the World Socialist System. V. D. Nazarov. Sov. slav. no. 2:118-120 '66.

Problems concerning the equalization of the economic levels of the socialist countries. A. Alekseev, Yu. Shirayev. Mezhdunar. zhizn' 13 no. 4:10-18 '66.

The world socialist economy: the laws of its development and its historical prospects. G. Sorokin. Kommunist 42 no. 5:81-91 Mr '66.

COMMUNIST COUNTRIES—ECONOMIC POLICY

Dudinskii, I. V. [Comecon countries; the development of their economies and cooperation] Strany SEV: Razvitiye ekonomiki i sotrudnichestva. Moskva, Izd-vo "Znanie," 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriya; Ekonomika, no. 5)

Malov, E. G. [International socialist division of labor and national economic planning] Mezhdunarodnoye sotzialisticheskoye razdeleniye truda i narodnohozhaystvennoye planirovaniye. Moskva, Ekonomika, 1965. 92 p. (Obshchaya problema sovshenshtvovaniya planirovaniya, no. 13)

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

Dudinskii, I. V. [Comecon countries; the development of their economies and cooperation] Strany SEV: Razvitiye ekonomiki i sotrudnichestva. Moskva, Izd-vo "Znanie," 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriya; Ekonomika, no. 5)

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS—UNDERDEVELOPED AREAS

Economic cooperation of socialist and developing countries. G. Prokhorov. Mir, ekon. i mezhdunar. otn. no. 4:114-121 '66.

COMMUNIST COUNTRIES—HISTORICAL RESEARCH

The Second Coordinating Conference of the Historians of the Socialist Countries. A. IA. Mannovich. Sov. slav. no. 2:115-116 '66.

COMMUNIST COUNTRIES—INTERNATIONAL COOPERATION

Two interrelated progressive tendencies in the development of socialist countries. K. D. Burnakov. Uch. zap. kaf. mar.-len. filoz. no. 5 87-70 '65.

COMMUNIST COUNTRIES—JUDICIAL ASSISTANCE

Jurisdiction in civil cases examined by courts under judicial assistance treaties. N. Maizyeva. Sots. zakon 13 no. 3:31-34 Mr '66.

COMMUNIST COUNTRIES—NEWSPAPERS

Important phase in the building of communism. Part 2. Zhizn' no. 6 66-69 Mr '66.

COMMUNIST COUNTRIES—PETROLEUM INDUSTRY

Oil and the countries of the socialist commonwealth. F. Poltkin, M. Lopatkin. Neftebank 11 no. 2 31-37 F '66.

COMMUNIST COUNTRIES—RAILROADS—COST OF OPERATION

Uniform method of calculating the cost of railroad transportation of freight and passengers in socialist countries. A. S. Chudov, N. G. Avdanchik. Trudy MIIT no. 215 114-136 '66

COMMUNIST COUNTRIES—SCIENCE—INTERNATIONAL COOPERATION

Versatile cooperation of the academies of sciences of socialist countries. V. A. Vinogradov. Vest. AN SSSR 36 no. 2:102-105 F '66.

COMMUNIST COUNTRIES—TECHNICAL ASSISTANCE, RUSSIAN

From the practice in economic cooperation among socialist countries. I. Kapranov. Nov. vrem. 23 no. 16:5-7 Ap '66.

COMMUNIST EDUCATION

(see also subdivision under Leningrad, Moscow)

Firm ideological convictions of the builders of communism. Kommunist 42 no. 2:3-10 Ja '66.

Historical necessity for the cultural-educational function of the Soviet state. A. N. Bagraev. Sbor. nauch. rab. Volg. gos. ped. inst. no. 1:109-192 '64.

In the rural school of Athary. Yu. Iakovlev. Nar. obr. no. 4:43-47 Ap '66.

Krupskaya, N. K. [Problems in the communist education of youth] Voprosy kommunisticheskogo vospitaniya molodezhi. Izd. 2. Moskva, Politizdat, 1966. 61 p.

Legaspi de Armentendi, Alicia. [Pedagogy and Marxism. Translated from the Spanish] Pedagogika i marksizm. Red. i vzup. stat'ia S. M. Shkalyova. Moskva, Progress, 1965. 233 p. (CS-11)

Let's base their training on the heroic traditions of the nation. Nach. shkola 31 no. 3:8-11 Mr '66.

Let's carefully control the independent study of the history of the party. V. I. Karasov. Vest. yun. shkoly 24 no. 2: 87-70 F '66.

Let's raise worthy heirs of our heroic past. I. A. Stanilevich. Sred. speis obr. 13 no. 3:25-28 Mi '66.

Moscow. Publichnaia biblioteka. [The role of libraries in the communist education of Soviet people] Rol' bibliotek v kommunisticheskoi vospitanii sovetskikh liudei; sbornik materialov. Moskva, Kniga, 1965. 211 p.

Nikolaeva, T. N. [Educational work of trade unions] Vospitatel'naya rabota profsoyuzov. [Moskva] Profizdat, 1966. 121 p.

Our most important task. N. Blinnikov. Prof. i tekhn. obr. 23 no. 2:26 F '66.

Role of trade unions in training of active, conscientious builders of communism; topic No. 5. Sov. profsoyuzy 22 no. 3:30-35 F '66.

They should grow up convinced. Nach. shkola 34 no. 3: 6-8 Mr '66.

Tochina, A. E. [Work of the school in the communist education of pupils; from practice] Rabota shkoly po kommunisticheskoi vospitanii uchashchikhsya; iz opyta. Minsk, Narodnaia osveta, 1965. 70 p.

COMMUNIST EDUCATION (Continued)

Towards the Great Anniversary. Sted, spets. obr. 13 no. 2-3 F '66

Under the influence of two collective L. B. Zil'ber. Shkola i priroda 10 no. 3 43-41 Mr '66

We must learn to be intolerant of shortcomings V. D. Khushchik. Shkola i priroda 9 no. 3 14-20 Mr '65

COMMUNIST ETHICS

Ethical side of freedom I. M. Nikonov. Sov. muzh. rab. Vol. 6, no. 13 no. 1 173-179 '61.

Feofanov, I. V. [Personal property and personal dignity] Lichnoe dostoyanie i lichnoe dostoinstvo. Moskva, Politizdat, 1966. 197 p.

A hypothesis on the experience V. Gorskii. Grazhd. v. 23 no. 4 40 Ap '66

Kommunist Belorussia. [Behavior standards for all] Norma povedeniia kazhdogo, sbornik statei. Minsk, "Belarus", 1965. 157 p.

(CST-1)

[Moral makeup of the Soviet worker] Moral'nyi oblik sovetskogo rabochego. [Moskva] Mosk. rabochii, 1966. 311 p.

[Moral principles of a builder of communism] Nivaystvennye priprintsy stoiteli kommunizma. Moskva, Mysl', 1965. 342 p.

(CST-1)

[This is how the Soviet people act] Tak postupali sovetskie ljudi. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1965. 52 p.

(CST-1)

COMMUNIST INTERNATIONAL

Historical lessons of the Seventh Congress of the Communist International and our time. S. S. Gribanov. Nov. i novish. ist. no. 2 171-172 '66.

An international meeting in Prague devoted to the 30th anniversary of the Seventh Congress of the Communist International. Nov. i novish. ist. no. 2 173 '66

The Seventh Congress of the Communist International and efforts to establish a popular front in Poland, 1934-1935. M. I. Boguslavskii. Sov. slav. no. 2 3-13 '66.

We recommend this Prague publication to our readers. Agitator 33 no. 3-57 Mr '66.

COMMUNIST PARTIES

Kautsmen, Otto Wilhelm. [Selected works, 1918-1961] Izbrannye proizvedeniia, 1918-1964 Moskva, Politizdat, 1966. 688 p.

Leninism and the policy of communists and workers parties in capitalist countries concerning religion and the church. V. D. Bazhenov. Uch. zap. Fak. mui. - ton filol. no. 5:26-56 '65.

COMMUNIST PARTY see subdivision under Costa Rica, France, Germany, East, Mongolia, Nigeria, Spain, White Russia

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Kazakhstan, Leningrad, Soviet Central Asia, Sverdlovsk Province, Tyumen' Province, Ukraine, Volgograd)

The brave, honor, and conscience of our epoch. Komm. Vooruzh. Sil 47 no. 6:2-7 Mr '66.

The Communist Party during the Great Patriotic War, June 1941-1945. M. Shatalin. Komm. Vooruzh. Sil 47 no. 6:74-82 Mr '66.

[Handbook for the secretary of a primary party organization] Dovidnyk sekretaria pervynoi partiinoi organizatsii. Kyiv, Politydyav Ukrainy, 1966. 302 p.

The highest honor. B. Nuvakhov. Komm. Vooruzh. Sil 47 no. 6:52-56 Mr '66.

Increasing role of the Communist Party of the Soviet Union in the building of communism V. V. Revenko. Trudy MIIT no. 204 3-16 '65

Kommunisticheskaia partiia Sovetskogo Soyuza. [Statute of the Communist Party of the Soviet Union] Approved by the 22d Congress, with amendments introduced at the 23d Congress of the CPSU. Usly Kommunisticheskoi partiia Sovetskogo Soyuza. Ulverzhden XXII s'ezdom, chasti chnye izmeneniia vneseny XXIII s'ezdom KPSS. Moskva, Politizdat, 1966. 29 p.

Our ruling party. Nov. vrem. 23 no. 14 1-3 Ap '66.

Pakhmurnyi, P. M. [The Communist Party as organizer of the partisan movement in Kazakhstan, 1918-1920] Kommunisticheskaya partiia - organizator partizanskogo dvizheniia v Kazakhstane, 1918-1920. Alma-Ata, "Kazakhstan", 1965. 453 p. (50-ti letu Velikogo Oktabria posviashchaetsia)

The party on the eve of its 23d Congress. Kommunist 42 no. 5:3-11 Mr '66.

[Under the glorious banner of communism and peace] Pod velikim znamenem kommunizma i mira. Moskva, Pravda, 1966. 430 p. (Biblioteka "Pravdy")

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Approaching the 23d Congress of the CPSU. Mor. sbor. 49 no. 3:3-5 Mr '66.

Conferences of the Ukraine are prepared for the forthcoming congress of the party. L. B. Batshev. Ugol' Ukr. no. 3:3-8 Mr '66

Communists, tovardi Nov. vrem. 23 no. 14 1-2 Ap '66

Community of mining engineers and technicians greets the 23d Congress of the Communist Party of the Soviet Union. Ugol' 31 no. 3 1-2 Mr '66

Congress of the Leninist Party. Kryl. red. 17 no. 3d Mr '66.

The congress of the party of Lenin. Agitator 33 no. 7 3-10 Ap '66

The 45th anniversary of the Tenth Congress of the Russian Communist Party (Bolshevik). P. P. Bichynskiy. Ukr. ist. zhur. 10 no. 3 132-134 Mr '66.

Guest the 23d Congress of the CPSU with new successes in the production of minerals and rare metals P. P. Lomako. Tsvet. met. 39 no. 1 1-6 Ja '66.

Important event in the life of the party and people. Khokhlov 13 no. 3 1-3 Mr '66.

Important stage in the building of communism: on the opening of the 23d Congress of the CPSU. V. V. med. zhur. 13 no. 3 4-8 Mr '66.

Into a new orbit! Nikolai Gribachev. Sov. voen 48 no. 7 2-5 Ap '66

Millstones of a victorious road E. Stasova. Kommunist 42 no. 5 12-15 Mr '66

New phase in striving for the building of communism. Ugol' Ukr. no. 3:1-2 Mr '66.

Party conferences of the provinces and territories of the Russian Federation. Part. zhizn' no. 6 8-17 Mr '66.

Resolution of the 23d Congress of the Communist Party of the Soviet Union based on the report of the Central Committee of the CPSU. Nov. vrem. 23 no. 16 37-15 Ap '66.

To the level of the tasks of the 23d Congress of the CPSU. Sov. muz. 30 no. 3 5-8 Mr '66.

Towards the 23d Congress of the Communist Party of the U.S.S.R. E. Danilov. Metallurg 11 no. 3:1-2 Mr '66.

Twenty-third congress of the Communist Party of the Soviet Union is the most important event of the year. Svar. proizv. no. 3 1 Mr '66.

Unity and solidarity of the party of Lenin. Part. zhizn' no. 6 3-7 Mr '66.

We shall be ready! Sov. pech. no. 3:2-4 '66.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

The party card M. Zimenkov. Komm. Vooruzh. Sil 17 no. 7 22-28 Ap '66.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

(see also subdivision under Belgorod Province; Gorky, Kirghizistan; Lithuania, Moscow, Ukraine, Zaporozh'ye Province)

Adel'di, N. V., and E. N. Rakhovskaya. [From the general to the particular and from the particular to the general] Ob obshchego k chasnomu i ot chasnogo k obshchemu. [Moskva] Mosk. rabochii, 1966. 70 p. (Besedy o propagandistskom master'stve)

[By Lenin's course] Leninskii kursom. Moskva, Izd-vo "Pravda", 1966. 294 p. (Biblioteka Pravdy)

Egorychev, N. G. [Fight for communism in the Lenin way] Report at the solemn Moscow session dedicated to the 90th anniversary of V. I. Lenin's birth. Politicheskii bor'ba za kommunizmu i doklad na lizhe-stvennom razedanii v Moskve, poavliashchemom 90-i godovshchine so dnia rozhdeniia V. I. Lenina Moskva, Politizdat, 1966. 31 p.

A few words about propagandists. V. Karashev. Agitator 33 no. 3:32-34 F '66.

Firm ideological convictions of the builders of communism. Kommunist 42 no. 2:3-10 Ja '66.

Important means of education. S. Zaslavskii. Pozh. dolo no. 1 7 Ja '66

Ivashchkin, M. A. [Frank talk; from the diary of the secretary of a city party committee] Razgovor nachistoiu, iz dnevnika sekretaria gorkoma partiia. Moskva, Sovetskiiia Rossiia, 1966. 93 p.

Let us improve the forms and methods of party work. Kommunist 42 no. 4:46-53 Mr '66.

Militant, truthful, and aggressive propaganda. N. Karpov. Agitator 33 no. 4 26-29 F '66.

Organizational and party work of the Communist Party of the Ukraine in rural regions, 1953-1958. I. P. Kozhukalo. Ukr. ist. zhur. 10 no. 3 81-93 Mr '66.

The party is our helmsman. Av. i kosm. no. 4:3-6 Ap '66.

Problems facing the propagandists during the election campaign. Agitator 33 no. 7:11-13 Ap '66

Recommended themes for lectures, reports, and talks. Agitator 33 no. 3:17 F '66.

Recommended themes for lectures, reports, and talks. Agitator 33 no. 3:31 Mr '66.

Sources of labor achievements, N. Salov. Mor. flot 26 no. 3:3-4 Mr '66.

Stimulating talk of propagandists and lecturers; a conference at the Department of Propaganda and Political Information of the Central Committee of the CPSU. Agitator 33 no. 6 16-30 Mr '66

Taking into account the experience of the whole collective. P. Shabanov. Kommunist 42 no. 1:37-30 Ja '66.

You should do more than read a booklet. I. Smirnov. Mol. koinm no. 1:75-78 Ja '65

COMMUNIST REVISIONISM

The economic reform in the U.S.S.R. and the impotence of its critics V. Gel'man. Sots. iud. it. no. 3 57-63 Mr '66

Tsiga, V. F. [Modern pseudoscientific theories of socialism] Sovremennye psevdonauchnye teorii sotsializma. Moskva, Mysl', 1966. 260 p.

COMMUNIST STATE

V. I. Lenin as a theoretician of the state. A. I. Denisov. Sov. gos. i pravo 36 no. 1 10-19 Ap '66

COMMUNIST YOUTH see subdivision under Germany

COMMUNIST YOUTH LEAGUE

(see also subdivision under Donetsk Basin, Kazakhstan)

Communist Youth League members are true to their word IU. Priostakin. Sov. voln 17 no. 10 1-4 Q '65

Developing the ideological convictions, civic maturity, and sociopolitical activity of upper communism as the most important task of the Communist Youth League in schools. R. A. Kurbatova. Sov. pedagog. 30 no. 1 26-37 Mr '66.

From the all-Union rostrum of the leaders of the Communist Youth League. Sted. spets. obr. 13 no. 1 14 Mr '66.

He who seeks shall find. V. Gaidzhanits. Grazhd. v. 24 no. 1 21 Ap '66.

[His name was a password] Ee imia bylo parolem. Moskva, Pravda, 1966. 76 p. (Biblioteka "Komsomol'skoi pravdy", no. 4)

The Sixth Congress of the Communist International of Youth and the problem of a united front in the youth movement. I. M. Shumelko. Ukr. ist. zhur. 10 no. 1:1-25 Ja '66.

Your heritage. O Kozopollanskii. Mol. koinm. no. 1 1-15 Ja '65.

COMMUNITIES

A convincing example. Kommunist 42 no. 1:3-11 Ja '66. ["He is worthy to be called a hero..."] "Dostoin zvanila roliia...". [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 285 p. (NIC)

The law is the name for everybody. Agitator 33 no. 5 1 01 Mr '66.

There should be a well thought-out system for the training and selection of managerial personnel. J. Rubentz. Kommunist 42 no. 1:35-37 Ja '66.

[Yesterday, today and always] Vchera, segodnia i zavgda. Moskva, Pravda, 1966. 61 p. (Biblioteka "Komsomol'skoi pravdy", no. 3)

COMMUNITY AND SCHOOL

Cooperation between a plant and a school. A. Dolgii. Prof. -tekh. obr. 23 no. 3:6-7 Mr '66.

New forms of group educational work with students. V. P. Levkovitch. Sov. pedagog. 30 no. 1 55-61 Mr '66.

Parents' help N. Volozhantina. Doshk. vosp. 39 no. 3 31 Mr '66.

COMMUNITY CENTERS

(see also subdivision under Karaganda Basin; Moscow)

An important step toward the rapid development of culture in rural areas. Agitator 33 no. 3:1-6 F '66.

COMMUNITY CENTERS—DESIGN AND CONSTRUCTION see subdivision under Beryansk District

COMMUTATION (ELECTRICITY)

Concerning M. F. Karashev and V. N. Kozlov's article "Optimal commutation in d. c. machines." O. G. Vagner. Izv. vyz. uchob. zav., elektromekh. 0 no. 2:230-234 '66.

Magnetic commutation and its use in remote control systems. A. A. Denisov, V. P. Sabadashov. Izv. vyz. uchob. zav., elektromekh. 0 no. 2:181-186 '66.

Method of determining the position of the armature neutral point of NB-100B traction engines. K. G. Morozov. Elek. i topl. tiaga 9 no. 10 19 Q '65.

Origination of a spark fire on the collector of an electric traction motor. G. V. Vasilenko. Elektrotekhika 37 no. 2:17-10 F '66.

COMPANION CROPS

Combined planting of corn with soybeans. N. Umarzayev. Vest. sel'khoz. nauki [Kazakh.] 0 no. 2:26-31 F '66.

COMPARATIVE AND GENERAL GRAMMAR see Grammar, Comparative and general

COMPARATIVE PATHOLOGY see Pathology, Comparative

COMPASS

Compensating the deviation of magnetic compasses without assistance. A. Aliev. *Mor. flot.* 26 no. 2:21-22 F '66.

COMPLEMENT FIXATION

Complement fixing antibodies in the serum of rabbits immunized against foot-and-mouth disease. V. I. Kuchlin and others. *Veterinariia* 12 no. 1:109-111 Ja '66.

Producing type- and variant-specific sera for complement fixation reaction in foot-and-mouth disease. S. M. Litovchik. *Veterinariia* 12 no. 1:108-109 Ja '66.

COMPLEX COMPOUNDS

Akademii nauk SSSR. Institut khimii i analiticheskoi khimii [Chemical principles of the extraction method for the separation of elements] Khimicheskie osnovy ekstraktsionnogo metoda razdeleniya elementov. Moskva, Nauka, 1966. 136 p.

Ce, Sr, Cl, SO₄ system. A. G. Bergman, T. D. Zimina. *Zhur. neorg. khim.* 10 no. 10:2326-2328 O '65.

Comparative evaluation of the stability of dithiol compounds with bismuth and copper ions. E. V. Vasil'eva, I. K. Nedopekin. *Ukr. khim. zhur.* 32 no. 2:191-201 '66.

Complex compounds of metals with dibenzylidithio-oxamide. V. N. Tolmachev, P. V. Rastegina. *Ukr. khim. zhur.* 32 no. 1:82-86 '66.

Complexes formed by aluminum bromide with ethers of various structures. I. P. Romm, E. N. Gufmanova, K. A. Kocheshkov. *Dokl. AN SSSR* 166 no. 4:883-886 F '66.

Dark and photochemical reduction of metal derivatives of the porphyrin series. D. A. Savelyev and others. *Dokl. AN SSSR* 167 no. 1:135-138 Mi '66.

Effect of the amount of chromatographed ions on the position of elution peak. Conditions required for the separation of the macroion quantities of substances. B. K. Probozhenko, O. M. L'lova. *Radiofizika* 8 no. 1:73-76 '66.

Effect of the nature of a complex-forming substituent on the stability of chromium-containing azo dyes. N. N. Mikhailova, P. P. Karpukhin. *Zhur. obshch. khim.* 36 no. 2:333-336 F '66.

Instability constants of complexes unstable with time. R. I. Novoselov, B. V. Pilyayn. *Zhur. neorg. khim.* 10 no. 10:2282-2285 O '65.

Polymerization of complex-bound and organoel monomers. V. A. Kargin, V. A. Kobanov. *Dokl. AN SSSR* 167 no. 1:124-127 Mi '66.

Properties of intermolecular bonds in complexes with no-type charge transfer. I. G. Aizmanova, E. N. Gufmanova. *Dokl. AN SSSR* 166 no. 5:1151-1154 F '66.

Reaction of nucleic acids with metals. E. E. Kriss, K. B. Ishmukhmetov. *Usp. khim.* 35 no. 2:310-365 F '66.

Thiocyanate-containing complex compounds. K. R. Minnolov. *Zhur. neorg. khim.* 11 no. 3:684-686 Mr '66.

Titanium, zirconium, and niobium cupferronates. K. F. Karlysheva, L. A. Malinok, I. A. Sheka. *Zhur. neorg. khim.* 11 no. 3:540-547 Mi '66.

Valence vibration of the amino group in compounds of antimony with zinc, cadmium, and mercury. M. S. Baidakov, I. S. Buhkova. *IU S. Vysheval'skii. Zhur. neorg. khim.* 10 no. 10:2283-2285 O '65.

COMPLEX COMPOUNDS—ELECTRIC PROPERTIES

Calculation of instability constants based on conductance data. V. I. E. Kamolentko. *Dop. AN URSR* no. 1:85-89 '66.

COMPLEXES

Paracomplexness of cellular polyhedra. M. M. Postnikov. *Usp. mat. nauk* 20 no. 5:226-230 S-O '65.

System of linear hyperbolic equations defined on a complex. S. M. Shugrin. *Zhur. vych. mat. i mat. fiz.* 6 no. 2:389-371 Mi-Apr '66.

COMPLEXONS

Analysis of Ludwigite by a rapid complexometric method using ion-exchange resins. M. G. Pogorolova. *Zhur. anal. khim.* 21 no. 2:235-236 '66.

Complexometric determination of calcium and magnesium in mineral raw material without separating sesquioxides. Z. I. Numerova, S. V. Numerov. *Izv. AN Kazakh. SSR. Ser. khim. nauk* 14 no. 4:29-31 O-D '64.

Complexometric determination of tetravalent germanium. Report No. 2. V. A. Nazarenko and others. *Zhur. anal. khim.* 21 no. 2:192-195 '66.

Use of complexons and compositions on their basis in chemical water purification equipment of thermal power systems. T. Kh. Margulova. *Teplotengetika* 12 no. 12:38-43 D '65.

COMPLEXONS—THERMAL PROPERTIES

Study of the heat stability of complexons and complexonates as a solid and in a solution. N. M. Dintlova and others. *Teplotengetika* 13 no. 1:56-59 Ja '66.

COMPLICATED LABOR see Labor, Complicated

COMPLICATIONS OF PREGNANCY see Pregnancy, Complications of

COMPOSERS, ESTONIAN

Youth school, doubts, finds. M. Nest'eva. *IU, Fortunatov. Sov. muz.* 30 no. 3:17-25 Mi '66.

COMPOSITE CONSTRUCTION see Subdivision under Siberia

COMPOUND E see Cortisone

COMPOUND OFFENSES

Cumulation of sentences or offenses? V. Demin. *Sov. iust.* 30 no. 6:9-10 Mi '66.

Imposition of cumulative punishment if the sentence is to correct labor. V. Mikhailov. *Sov. iust.* 30 no. 7:12-13 Ap '66.

COMPRESSED AIR

Norms on the expenditure of compressed air in heavy machinery building plants. S. L. Lavinskii. *Prom. energ.* 20 no. 4:40-42 Ap '65.

COMPRESSED WOOD see Wood, Compressed

COMPRESSORS

Calculation and study of a continuous bladeless diffuser of a centrifugal compressor stage. T. N. Skorokhodova. *Energomashinostroyeniye* 12 no. 2:10-12 F '66.

Decrease in the expenditure of oil in the lubrication of the cylinder-piston group of mine compressors. A. M. Binshevt'skii. *Prom. energ.* 20 no. 1:26-28 Ap '65.

Design improvements in the water-cooling system of IOGK gas motor compressors. A. V. Timakov. *Gaz. prom.* 11 no. 2:32-33 '66.

Determination of the efficiency of a centrifugal compressor operating on different gases. A. B. Baranovskii, V. I. Lembovskii. *Energomashinostroyeniye* 12 no. 2:27-29 F '66.

Determination of the parameters of a two-motor machine-cyclifier stage for diving centrifugal blowers. A. S. Sanduk, L. I. A. Shapito. *Trudy VZEI* no. 27:63-75 '61.

Intensity of pressure vibrations in a pneumatic system. V. V. Gusev. *Gor. zhur.* no. 3:19-50 Mi '66.

Measuring the stresses in the elements of the moving mechanism of a high-pressure piston compressor. L. I. Mamont and others. *Khim. i nef. mashinostroyeniye* no. 1:12-11 Ja '66.

Modernization of 55-V, 55-VN, and 2VG piston compressors. A. A. Ruzhin'skii. *Prom. energ.* 21 no. 3:32-37 Mr '66.

Stability of the regulation of an electric compressor. I. S. Ratner. *Energomashinostroyeniye* 12 no. 2:13-15 F '66.

Study of the dynamics of the control networks of parallel operating gas-turbine driven blowers. V. D. Piven', G. D. Med. *Energomashinostroyeniye* 12 no. 2:1-5 F '66.

COMPRESSORS—COOLING

Decrease of unit power expenditure in pneumatic systems. N. N. Fokhtashenko. *Izv. vys. ucheb. zav., energ.* 9 no. 3:74-81 Mi '66.

COMPRESSORS—SAFETY MEASURES

Classification of some points in "Safety regulations for the installation and operation of air compressors and air pipelines." *Prom. energ.* 20 no. 4:90 Ap '65.

COMPRESSORS—STANDARDS

Standardization and efficient specialization in the compressor industry. A. M. Shapovalenko. *Standartizatsiia* 29 no. 12:39-10 D '65.

COMPRESSORS—TESTING

Mechanical losses under nonrated operating conditions of a rotary plate compressor. IU V. Pashit. *Izv. vys. ucheb. zav., mashinostroyeniye* no. 1:7-91 '65.

COMPTON EFFECT

Modeling the stochastic energy of a gamma quantum scattered due to the Compton effect. I. G. Dik'kin. *Zhur. vych. mat. i mat. fiz.* 6 no. 2:384-385 Mi-Apr '66.

COMRADES COURTS

Comrades' court and labor discipline. IU. Muron'skii. *Sov. iust.* 30 no. 6:15 Mr '66.

Our replies to questions. *Sov. iust.* 30 no. 5:30-31 Mr '66.

Should public prosecutors control the decisions of comrades courts? I. Mart'yanov. *Rud. pravo* 29 no. 3:58-59 Mr '66.

COMRADES COURTS—MANAGEMENT

Office management of comrades' courts. M. Feniksova. *Sov. iust.* 30 no. 7:22 Ap '66.

CONCENTRATED FOOD see Food, Concentrated

CONCRETE

(see also Subdivision under Bratsk Hydroelectric Power Station)

Heat release of cement in concrete. TS. G. Ginzburg, A. P. Epifanov. *Gidr. stroit.* 36 no. 1:12-15 Ja '68.

Heat treatment of butt joints with the aid of gas infrared emitters. V. S. Logunov, B. G. Zhibkov, V. V. Linn. *Bet. i zhel.-bet.* 12 no. 2:16-14 k '66.

Moscow. Nauchno-issledovatel'skii institut belona i yelozobetona [Structure, strength, and deformation of concrete] *Struktura, prochnost' i deformatsii betonov*. Pod red. A. E. Desova. Moskva, Stroiizdat, 1966. 385 p.

Shielding characteristics of iron-serpentine concrete. A. P. Vesel'min, IU. A. L'gov, V. A. Kucherikov. *Atom. energ.* 20 no. 1:76-77 Ja '66.

CONCRETE—CORROSION

Forecasting the beginning of cavitation in irregularities of concrete surfaces. N. P. Rozanov and others. *Izv. VNIIG* 78:304-318 '65.

Stability of autoclave materials in mineralized water. B. P. Parulnikov. *Kh. i tekhn. Stroi. mat.* 12 no. 3:30-31 Mi '66.

Study of cavitation onset on natural granular roughness of concrete surfaces. G. A. Vorob'ev. *Izv. VNIIG* 78:319-327 '65.

CONCRETE—CURING

Cement for precast reinforced concrete prepared by steaming. I. V. Liavchenko, IU. K. Kuznetsov, G. I. Chistikov. *Bet. i zhel.-bet.* 11 no. 3:4-7 Mi '65.

Portable device for electric heating of concrete. *Stroi. i inzh. Len.* 28 no. 2:31 F '66.

CONCRETE—ELECTRIC PROPERTIES

Automatic device for recording the relative electric resistance of hardening concrete. A. M. Vinit'skii, V. B. Shifan. *Bet. i zhel.-bet.* 12 no. 2:23-25 F '66.

CONCRETE—EXPANSION AND CONTRACTION

Crimp of lime concrete under cental and eccentric application of contracting loads. S. V. Polnikov, A. V. Cherkashin. *Bet. i zhel.-bet.* 11 no. 3:36-10 Mr '61.

CONCRETE—GRAPHIC METHODS

Graphic method used to calculate the composition of wear-resisting concrete. V. Ia. Gorenbel'ts, *Energ. i stroi.* no. 7:3-65 '65.

CONCRETE—TESTING

Experience with the use of an ultrasonic pulse method for the determination of the strength of concrete in specimens and structures. A. M. Filonkov. *Energ. i stroi.* no. 7:86-90 '65.

New method of testing concretes. A. S. Gusev. *Zh. stroi.* 1:30-31 '66.

CONCRETE, EFFECT OF TEMPERATURE ON

Effect of low temperatures below the freezing point on the strength of concrete. S. A. Mironov, A. S. Aizen'ev, V. P. Legashova. *Bet. i zhel.-bet.* 12 no. 2:13-16 F '66.

CONCRETE BEAMS—DESIGN AND CONSTRUCTION

Bogdanovich, O. A. [Using an efficient internal static system of reinforced-concrete beams to achieve a saving of steel] *Ispol'zovanie staticheskoi vnutrennei staticheskoi skhemy zhelezobetonnykh batok dlia dostizheniya ekonomii stali*. [Omsk] Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 39 p.

CONCRETE BEAMS, EFFECT OF TEMPERATURE ON

Effect of temperatures below the freezing point on the bearing capacity of prestressed beams. V. A. Iakushin. *Bet. i zhel.-bet.* 12 no. 2:37-35 F '66.

CONCRETE COATINGS

Protective paint coatings for concrete. V. V. Smol'derova, V. M. Medvedev, G. S. Migaeva. *Lakokras. mat. i kh. prikl.* no. 1:50 '66.

CONCRETE COLUMNS see Columns, Concrete

CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS see Subdivision under Mamkan Hydroelectric Power Station

CONCRETE CONSTRUCTION—FORMWORK

Practices of vibrationless preparation of reinforced concrete columns and span pieces by a separate concreting method. IA. L. Kaplanski and others. *Bet. i zhel.-bet.* 12 no. 2:35-37 F '66.

CONCRETE DAMS

(see also Subdivision under Krasnoyarsk Hydroelectric Power Station)

Selecting concrete for all types of large dams. V. V. Smol'nikov. *Gidr. stroit.* 35 no. 2:52-58 F '65.

Simplified method of calculating the filtration of cellular concrete dams. I. S. Ronzhin. *Gidr. stroit.* 36 no. 1:25-28 Ja '66.

Solving a problem of the heat regime of a discretely accumulating concrete mass (a single-dimensional problem). Sh. N. Filat, L. B. Sapozhnikov. *Izv. VNIIG* 77:285-285 '65.

CONCRETE DAMS—DESIGN AND CONSTRUCTION

Construction of concrete dams. V. S. Erislov. *Gidrostroi* 36 no. 1 53-54 Ja '68.

CONCRETE DAMS—FOUNDATIONS

Calculation of filtration strength of the dam foundations. R. R. Chugacov. *Gidrostroi* 35 no. 2 31-37 F '65.

CONCRETE INDUSTRY WORKERS—DISEASES AND HYGIENE

Clinical and X-ray characteristics of changes in the upper extremities in molders of precast reinforced concrete plants. L. I. Popova, E. N. Leksin, L. M. Kharicheva. *Ortop., travn. i protez.* 27 no. 3 40-41 Mr '68.

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS—LABOR PRODUCTIVITY see subdivision under Tills

CONCRETE PRODUCTS

Characteristics of the interaction of concrete mix with the working elements of vibratory molding machines. O. A. Savinov, F. G. Braude, V. B. Golod. *Stroi. i dor. mash.* 10 no. 11-15 N '65.

CONCRETE REINFORCEMENT

Calculated strength of concrete and reinforcement in precast reinforced concrete elements. R. G. Sukhoveev. *Bet i zhel.-bet.* 12 no. 2 37-39 F '66.

Determining the amount of lateral reinforcement in bent elements. V. G. Pigulovskii. *Bet. i zhel.-bet.* 11 no. 3 13-15 Mr '65.

Precast prestressed concrete trusses with strand reinforcement. *Biul. stroit. tekhn.* 28 no. 1 20-22 Ja '68.

Substituting loops for welding butts in the construction of bunkers for the Baltic State Regional Power Station. A. I. Minarskii, T. S. B. Fisan. *Energ. stroi.* no. 44-11-16 '64.

CONCRETE REINFORCEMENT—BOND see subdivision under Soviet Central Asia

CONCRETE REINFORCEMENT—CORROSION

Effect of cracks in concrete on the corrosion of the reinforcement in the reinforced concrete elements of hydraulic structures. V. M. Moskvina, S. N. Alekseev, V. I. Novgorodskii. *Gidrostroi* 35 no. 2 20-26 F '65.

CONCRETE REINFORCEMENT—WELDING

Residual stresses in butt welds in columns and possible methods for their reduction. O. V. Mikhailov, E. G. Gaziev. *Energ. stroi.* no. 5 11-15 '65.

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SLABS

Making the lining of a canal with reinforced concrete panels, and its performance. B. F. Biletskii. *Energ. stroi.* no. 5 12-15 '65.

CONDENSATION PRODUCTS (CHEMISTRY)

Method of increasing the reactivity in the series of heterocyclic compounds. O. V. Vladimirova. *Farmats. zhurn.* 20 no. 4 3-5 '65.

CONDENSERS (ELECTRICITY)

Calculation of a flat-plate condenser with consideration of the fringe effect. A. P. Kononov. *Izv. vys. ucheb. zav. i elektromekh.* 8 no. 3 239-242 '65.

Condenser machines for the spot welding of light alloys. L. V. Zalcik, A. I. Komarichev, P. L. Chuloshnikov. *Svai. preizv.* no. 4 40-41 Ap '66.

Equivalent circuit for an electroluminescent powder capacitor. K. Sh. Enikeeva. *Izv. vys. ucheb. zav. i fiz.* 9 no. 1 75-80 '66.

Il'iashev, V. P. [Automatic control of the power of condenser systems] *Avtomaticheskoe regulirovanie mozhnostei kondensatornykh ustanovok.* Moskva, Energiya, 1966. 62 p. diagrs. insert. (Biblioteka elektromonit., no. 188)

Solution of some electrostatic problems involving the field of an open spherical capacitor. A. N. Rukhovets. *Zhur. tekhn. fiz.* 35 no. 11 1989-1990 N '65.

Some properties of a plasma condenser. K. S. Golovanivskii, V. A. Pogossian. *Zhur. tekhn. fiz.* 38 no. 2 297-303 F '68.

Thin-film capacitors and prospects for using them in measuring equipment. E. G. Kostov, I. P. Mikhailovskii. *Avtometriia* no. 6 23-35 '63.

CONDENSERS (ELECTRICITY)—RELIABILITY

Reliability of an electrolytic condenser in a rectifier. R. Malinin. *Radio* no. 2 69-81 F '68.

CONDITIONED RESPONSE

Activity of conditioned response in intact and thyroidectomized rats. M. V. Makarenko. *Fiziol. zhur. [Ukr.]* 12 no. 1 78-83 Ja-F '66.

Analysis of the mechanisms of conditioned reflexes developed on interoceptive reinforcement. I. V. Iana. *Dokl. AN BSSR* 10 no. 2 124-127 F '66.

Changes in the conditioned reflexes in dogs during the inhalation of small concentrations of ether. F. K. Agamians. *Biul. eksp. biol. i med.* 61 no. 1 63-65 Ja '66.

Changes in the conditioned response activity of animals subjected to the action of microwaves with different frequency bands. E. A. Lohanova. *Trudy Lab. elektromag. pol. i rad. AMN SSSR* no. 2 13-19 '64.

Dynamics of the hormonal reaction of the adrenal cortex in rats under various effects. I. G. Dushkhal. *Fiziol. zhur.* 52 no. 3 286-290 Mr '66.

Effect of oxylin on conditioned reflex activity. L. P. Roshchina. *Farm. i toks.* 27 no. 5 659-662 N-D '61.

Effect of scopalamine and aminazine on the cerebral cortex, hypothalamus, and reticular formation of the mesencephalon in rabbits during the alimentary conditioned reflex. L. V. Kalluzhnyi, I. N. Zakharova. *Biul. eksp. biol. i med.* 61 no. 1 58-62 Ja '66.

Effect of atelazine on higher nervous activity. A. I. Sikhanulidze. *Farm. i toks.* 27 no. 5 656-658 N-D '61.

Intercentral correlations in the embryogenesis in chicks. T. P. Blinova. *Fiziol. zhur.* 52 no. 1 8-13 Ja '66.

Role of conditioned reflex in the information of subthreshold stimuli of the respiratory system. A. V. Pogrebkova. *Dokl. AN SSSR* 167 no. 1 211-214 Mr '66.

CONDUCT OF LIFE

The nature of philistinism and narrow-mindedness. V. Karbovskaya. *Agitator* 33 no. 6 50-54 Mr '66.

Solov'evichik, S. L. [Book about you] *Kniga pro tebia* [Izd. 2., dop.]. Moskva, Det'skaya literatura, 1965. 121 p. (Sikol'naya biblioteka) [Publ. under his pseud. S. L. Solov'ev].

CONDUCTOMETRIC ANALYSIS

Amperometric titration of morphine group alkaloids on a mercury drop electrode. V. I. A. Vengerova. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 8 no. 6 1030-1031 '65.

CONFECTIONERY

Adiabatic air cooling in confectionery factories. A. N. Kulikov. *Khleb. i kond. prom.* 10 no. 3 23-25 Mr '66.

Advantages of the confectionery trade. I. Slovas. *Sov. potreb. koop.* 10 no. 3 19-21 Mr '66.

Lur'e, I. S. [Rapid method of determining the moisture of the caramel mass by its density] *Ekspres-metod opredeleniya vlazhnosti karamel'noi massy po ee plotnosti.* Moskva, Tsentr. nauchno-issled. informatsii pishchevoi promyshl., 1965. 23 p. [MICROFILM]

Use of soybean phospholipides in the confectionery industry. A. I. Sibirskov, A. G. Poksha. *Khleb. i kond. prom.* 10 no. 3 25-26 Mr '66.

CONFECTIONERY—PACKING

Use return shipping cases. D. I. Ekhyedov. *Khleb. i kond. prom.* 10 no. 3 38-37 Mr '66.

CONFECTIONERY INDUSTRY

(see also subdivision under Yangi-Yul', Uzbekistan)

Improving the quality, assortment and presentation of confectionery goods. P. I. Solomonov. *Khleb. i kond. prom.* 10 no. 3 7-10 Mr '66.

Proportioning unit for liquid ingredients in confectionery production. V. I. Gretsii, V. I. Iskrovskii, I. U. I. Porismann. *Khleb. i kond. prom.* 10 no. 3 21-22 Mr '66.

CONFECTIONERY INDUSTRY—EQUIPMENT AND SUPPLIES

Polyethylene knives for cutting candy mass layers. G. L. Makhlin. *Khleb. i kond. prom.* 10 no. 3 43 Mr '66.

CONFECTIONERY INDUSTRY—MANAGEMENT

(see also subdivision under Karaganda, Kiev)

"Standard week" system. E. Z. Kalkova. *Khleb. i kond. prom.* 10 no. 3 37-38 Mr '66.

CONFISCATIONS (CRIMINAL LAW) see subdivision under Uzbekistan

CONFLICT OF LAWS—JURISDICTION

Jurisdiction in civil cases examined by courts under judicial assistance treaties. N. M. Maishcheva. *Sots. zakon.* 43 no. 3 31-34 Mr '66.

CONFORMAL MAPPING

Appraisal of the error in calculating elastic shifts in approximate conformal mappings. Zh. P. Rokva. *Trudy Vych. tsentra AN Gruz. SSR* 6 23-31 '65.

Approximate method of conformal representation of areas with corner points. G. G. Gubenkin. *Fizd. mokh.* 2 no. 1 46-52 '66.

Conformal mappings of infinitely connected latticed regions onto the exterior of a lattice of circles. V. P. Fil'chakov. *Dop. AN URSSR* no. 1 16-20 '66.

Investigating the precision of mechanism of a hinged parallelogram using the conformal transformation of the evolute. A. A. Khilus. *Izv. vys. ucheb. zav. mashinostri* no. 11 11-14 '65.

CONGLOMERATE see subdivision under Chernyshev Range (Amur Province)

CONGO (LEOPOLDVILLE)—FOREIGN RELATIONS—UNITED STATES

Conflict of monopolies and disorders in Leopoldville. N. I. U'ev. *Mirovaia mezhdunar. otn.* no. 3 108-111 '66.

CONGO (LEOPOLDVILLE)—POLITICS AND GOVERNMENT

Conflict of monopolies and disorders in Leopoldville. N. I. U'ev. *Mirovaia mezhdunar. otn.* no. 3 108-111 '66.

CONGO RED

Electrochemical reduction of oxidized hydrazine of Congo red. V. V. Kuznetsov. *Koll. zhur.* 28 no. 1 88-92 Ja-F '66.

CONGRESSES AND CONVENTIONS

[Bulletin of international scientific meetings, conferences, and congresses] *Biul. mezhdunar. nauch. s'ezh., konf. i kongr.* no. 1 '66.

CONGRUENCES (GEOMETRY)

Errors committed by K. A. Andreev in his study on multiple-valued congruences. T. V. Solntseva. *Uch. zap. Kaf. mat. i fiz.-mat. nauk.* 26 no. 4 26-59 '61.

CONGRUENCES AND RESIDUES

Poshtnikov, A. G. [Ergodic problems in the theory of congruences and in the theory of Diophantine approximations] *Ergodicheskie voprosy teorii sravnenii i teorii diofantovykh priblizhenii.* Moskva, Nauka, 1966. 110 p. (Akademiya nauk SSSR, Matematicheskii institut. Trudy, vol. 62)

CONIFERAE see subdivision under Kamchatka

CONJUGATION (CHEMISTRY)

Electron paramagnetic resonance in polyconjugated systems. V. F. Belov, S. S. Oganesov. *Trudy MINKIMP* no. 58 136-139 '65.

Polymerization and copolymerization of tetraazanoethylene under the effect of polymers with a conjugation system. A. A. Berlin, N. G. Mal'cheva. *Dokl. AN SSSR* 167 no. 1 91-91 Mi '66.

CONJUNCTIVITIS, GRANULAR

Histological studies of the tarsal conjunctival tissue in the 3d stage of trachoma with hypertrophy of the cartilage and concretions. R. M. Akhundova. *Azerb. med. zhur.* 43 no. 3 55-59 Mr '66.

Pathomorphological changes in the tarsal conjunctival tissue in the 3d stage of trachoma with hypertrophic cartilage and concretions. R. M. Akhundova. *Azerb. med. zhur.* 42 no. 11 19-23 N '65.

Trachoma treatment with antibiotics and sulfonamides combined with potassium and calcium preparations. K. A. Alizade, P. S. Melik-Astanova, U. Alikhunova. *Azerb. med. zhur.* 42 no. 11 40-44 N '65.

CONNECTIVE TISSUES

Effect of physical overheating on the reactivity of the system of connective tissue in its various states. A. G. Alekperov. *Azerb. med. zhur.* 43 no. 3 35-40 Mr '66.

CONNECTIVE TISSUES—AGING

Some morphological characteristics of human areolar tissue in old age. N. I. Davydovskaya. *Arkh. pat.* 23 no. 1 14-20 '66.

CONNECTIVE TISSUES—DISEASES

Study of the ultrastructure by desmosomes of the epidermal cells. A. T. Sosnovykh, A. I. A. Prokopenko. *Dokl. AN BSSR* no. 1 69-71 Ja '66.

CONNEXES

Homogeneous bundle connections. J. G. Lumiste. *Usp. mat. nauk* 20 no. 5 263-295 S-O '65.

CONSCIOUSNESS

Cerebral disorders of consciousness in reactive states. A. M. Anastasievskii. *Prak. i teoret. psikh. i eksperim.* no. 10 50-61 '66.

CONSERVATION OF NATURAL RESOURCES

Laptev, I. P. [Scientific principles of conservation; a course of lectures] *Nauchnye osnovy okhrany prirody, kurs lektsii.* Tomsk, Izd-vo Tomskogo univ., 1964. 285 p.

CONSERVATISM

The ideology of anti-communism and colonial revanchism. B. A. Shakhmat, I. S. Artis. *Nar. Az. i Afr.* no. 2 165-170 '66.

CONSERVATIVE PARTY (GREAT BRITAIN) see Great Britain—Conservative Party

CONSTITUTIONAL LAW

Whose interests promote the theory of the "personalization of power," M. Keizlov, Rad pravo 20 no. 3: 80-82 Ma '66.

CONSTITUTIONS

Miller, V.O., and E.I.A. Stumbina, [Constitutions of the U.S.S.R. and the Latvian S.S.R., textbook for the 10th grade of high schools] Konstitutsii SSSR i Latvijas SSR, priebūtis uchebnik dlia X klasa srednei shkoly, Riga, Latvīskoe gos. izd-vo, 1960. 112 p.

CONSTRUCTION EQUIPMENT

(see also subdivision under Middle Ural Economic region, Rostov Province; White Russia)

Dragun, L.I. [Manual on the supplying of materials and equipment in construction] Spravochnik po material'no-tekhnicheskomu snabzheniiu stroitel'stva, Minsk, Belarus', 1960. 426 p.

High efficiency with an improvement in working conditions A. Chogorovskii, Na stroi. Ros. 7 no. 1: 8-9 Ja '66.

List of earthmoving, profiling, and packing machines manufactured in lots by construction and road machinery plants. Stroi. i dor. mash. 10 no. 11: 20-23 N '65. Machinery for finishing reinforced concrete panels, A. Bolotnyi and others, Na stroi. Ros. 7 no. 2: 20 F '65.

Norms for the operation of machinery and mechanisms should reflect their use based on fact, V.M. Vakeev, Stroi. truboprov. 10 no. 5: 33 My '65.

Pavilion "Building and Road Machinery" in 1964. Inform. biul. VDNKH no. 6: 12-13 Je '64.

Results and outlooks. Stroi. i dor. mash. 11 no. 3: 1-2 Mr '66.

Seminar on the automation of construction and road machinery and equipment. A.E. Volkova, Stroi. i dor. mash. 11 no. 3: 30 Mr '66.

Special equipment for erecting the underground part of high apartment houses. A.L. Levinson, Stroi. i dor. mash. 11 no. 3: 14-16 Mr '66.

CONSTRUCTION EQUIPMENT—MAINTENANCE AND REPAIR

see subdivision under Soviet Central Asia

CONSTRUCTION EQUIPMENT INDUSTRY

Construction and road machinery industries in 1965-1966. Stroi. i dor. mash. 11 no. 3: 2-4 Mr '66.

CONSTRUCTION EQUIPMENT INDUSTRY—EQUIPMENT AND SUPPLIES

see subdivision under Leningrad

CONSTRUCTION INDUSTRY

(see also subdivision under Caucasus, Northern; Kabardino-Balkar A.S.S.R.; Leningrad; Lithuania; Moscow Province, Odessa Province, Odesa, North; Pskovsk, Moscow Province, Stavropol Territory; Tatar A.S.S.R.; Tyumen' Province; Ukraine; Uzbekistan; White Russia)

Carry out the 1960 plan of the development of the national economy. Biul. stroi. tekhn. 28 no. 1: 1-4 Ja '66.

Conditions for successfully fulfilling the decisions of the Plenum. Stroi. i truboprov. no. 12: 1-2 D '65.

Construction news abroad. Ekon. stroi. 8 no. 4: 71-72 Ap '66.

The five-year plan of large-scale construction. Komm. Vooruzh. Sil 47 no. 7: 9-13 Ap '65.

In the Ministry of Construction of the R.S.F.S.R. Na stroi. Ros. 7 no. 1: 30 Ja '66.

In the Ministry of Construction of the R.S.F.S.R. Na stroi. Ros. 7 no. 2: 30 F '66.

In the State Committee on Construction of the Council of Ministers of the U.S.S.R. Biul. stroi. tekhn. 28 no. 1: 29-30 Ja '66.

In the State Committee on Construction of the Council of Ministers of the U.S.S.R. Stroi. i arkh. Uzb. 6 no. 6: 43-44 Je '66.

In the State Committee on Construction of the R.S.F.S.R. Biul. stroi. tekhn. 28 no. 1: 32-33 Ja '66.

In the State Committee on Construction of the R.S.F.S.R. Na stroi. Ros. 7 no. 1: 31 Ja '66.

In the State Committee on Construction of the R.S.F.S.R. Na stroi. Ros. 7 no. 2: 31 F '66.

In the State Committee on Housing and Municipal Construction and Architecture attached to the State Committee on Construction of the Council of Ministers of the U.S.S.R. Biul. stroi. tekhn. 28 no. 1: 30-32 Ja '66.

In the State Committee on Municipal Construction and Architecture affiliated with the State Committee on Construction of the U.S.S.R. Zhil. stroi. no. 1: 31-32 '66.

Introduction of new technology in construction is a very important task. Biul. stroi. tekhn. 28 no. 1: 5-9 Ja '66.

New problems of Soviet architects. Zhil. stroi. no. 1: 2-4 '65.

New procedure in changing plans for contractual construction and assembly work. Ekon. stroi. no. 8: 69-71 Ag '64.

New tasks of the construction of oil and gas industry enterprises. G.I. Gorechenkov, Stroi. truboprov. no. 12: 3-5 D '65.

The plan, its quality and time of fulfillment. V. Chernavskii, Ekon. stroi. 8 no. 4: 39-43 Ap '66.

Technical and economic councils are guides of the new and the advanced. M. Zhukov, Na stroi. Ros. 7 no. 1: 21 Ja '66.

CONSTRUCTION INDUSTRY—ACCOUNTING

(see also subdivision under Caucasus, Northern) Bushina accounting is the lever of profitability. A. Volpova, Inform. biul. VDNKH no. 1: 17-19 Ap '66.

Centralize accounting in construction S. Timofeev Bukh. uch. no. 2: 16-21 F '66.

Determination of the losses caused by breakdowns and production delays and their effect on cost-accounting reports. A. V. Golubovskii, Buzenie no. 2: 37-39 '66.

CONSTRUCTION INDUSTRY—CONGRESSES

Congress of the Scientific and Technical Society of the Construction Industry. V.M. Kuz'menkov, Biul. stroi. tekhn. 28 no. 1: 47-48 Ja '66.

Fourth Congress of the Scientific and Technical Society of the Construction Industry Zhil. stroi. no. 2: 2 of cover '66.

CONSTRUCTION INDUSTRY—COSTS

Guide materials on problems of computing estimated costs and on calculations for completed construction and assembly operations. Na stroi. Ros. 7 no. 2: 29 F '66.

Problems of estimated norms. Ekon. stroi. no. 8: 67 Ag '64.

Raise the standard of economic operations in the construction of electric power systems. Choig. stroi. no. 7: 13-5 '65.

CONSTRUCTION INDUSTRY—EXHIBITIONS

For the attention of builders. Inform. biul. VDNKH no. 1: 20 Ja '66.

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Kiev, Moscow, Moscow Province; Ruzza; Ukraine) Approval of the regulations on the financing of construction. Biul. stroi. tekhn. 28 no. 1: 3-10 Ja '66.

Relationships between construction and assembly organizations and specialized trusts (administrations) for mechanization. Ekon. stroi. no. 8: 68-69 Ag '64.

There should be an economic basis for the construction of high-rise apartment houses. B. Shlummer, Na stroi. Ros. 7 no. 1: 10-20 Ja '66.

CONSTRUCTION INDUSTRY—INFORMATION SERVICES

Traveling engineering office. SIL bud. 15 no. 3: 22 Mr '65.

CONSTRUCTION INDUSTRY—JOB DESCRIPTIONS

What the new wage and occupation classification manual should be like. V. Sembratov, S. Sharupova, Ekon. stroi. no. 8: 63-65 Ag '64.

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

(see also subdivision under Donetsk Basin; Ural Mountain region)

Introducing innovators' practice is an urgent task. O. Grigor'ev, Ekon. stroi. no. 8: 30-35 Ag '64.

CONSTRUCTION INDUSTRY—MANAGEMENT

(see also subdivision under Chirchik, Uzbekistan; Germany, East; Irkutsk; Kazakhstan, Krasnodar; Krasnodar Territory, Leningrad; Moscow; Omsk Province; Ukraine; Ural Mountain region) Academic conference on improving planning work in construction and assembly organizations. Ekon. stroi. no. 8: 72-73 Ag '64.

Concern of every builder. Ekon. stroi. no. 8: 3-6 Ag '64. Engineering calculations in collaboration with practice. V. Miller, G. Koshman, Na stroi. Ros. 7 no. 1: 6-7 Ja '66.

Experimental use of the new work planning system of some organizations. Biul. stroi. tekhn. 28 no. 1: 10-11 Ja '66.

Improve the economics of construction to meet the new tasks. Ekon. stroi. 8 no. 4: 1-9 Ap '66.

Method of coordinating the production power of crews engaged in all the operations of housing construction combines. A. S. Pechnikova, Izv. vyz. uch. zav., stroi. i arkh. 9 no. 1: 96-101 '66.

New management system in the lower construction organizations. B. P. Kolupaev, Izv. vyz. uch. zav., stroi. i arkh. 9 no. 1: 101-105 '66.

Poltorygin, V.K. [Planning for the use of capital assets in construction] Planirovaniye ispol'zovaniya osnovnykh fondov v stroitel'stve, Moskva, Ekonomika, 1966. 143 p. (V pomoshch' ekonomistu i planoviku)

Problems requiring the immediate attention of Russian Federation construction workers. N. Kachalov, Ekon. stroi. no. 8: 7-14 Ag '64.

So this is where we begin the work. A.B. Gal'perin, Stroi. i arkh. Len. 28 no. 2: 8-9 F '66.

Supply construction with modern forms and methods of management. I. Borovkov, Ekon. i zhizn' 8 no. 1: 50-53 Ja '66.

CONSTRUCTION INDUSTRY—QUALITY CONTROL

see subdivision under Kazakhstan

CONSTRUCTION INDUSTRY—SAFETY MEASURES

Sizov, I.N., and V.I. Bulanov. [Instrument control of unhealthy working conditions in construction] Ob'ektivnyy kontrol' v odnykh usloviyakh v stroitel'stve, Voronezh, Izd-vo Voronezhskogo univ., 1965. 97 p.

CONSTRUCTION INDUSTRY—SCHEDULING

(see also subdivision under Cherepovets, Vologda Province, Kazakhstan, Leningrad, Moscow) Building a block of workshops by network scheduling. V. Kazantsev, K. Karpovich, Na stroi. Ros. 7 no. 1: 10-11 Ja '66.

Gauge of estimated norms for time-consuming work and network scheduling. V. Savich, A. Mirskii, Na stroi. Ros. 7 no. 2: 6-8 F '66.

Graphic work schedules at the construction sites of the country T.A. Filina, Biul. stroi. tekhn. 28 no. 1: 42-41 Ja '66.

Overall use of network scheduling for annual programming in construction and assembly work administration IU Faktorovich Inform. biul. VDNKH no. 1: 18-20 Ja '66.

Selecting optimal designs for overall mechanization according to the critical path method. L.I. Pashenin, A. G. Moskovtsev, Stroi. truboprov. 10 no. 5: 4-7 My '65.

Some problems in introducing a network scheduling system. M. Diamant, G. Bogun, G. Korotkovskii, Na stroi. Ros. 7 no. 1: 12 Ja '66.

Use of network graphs in the construction of derricks. F. Smelianskii, N. Kravchenko, Neftnik 11 no. 2: 21-27 F '66.

What prevents us from using advanced practices. L. Nechaeva, Na stroi. Ros. 7 no. 1: 13 Ja '66.

CONSTRUCTION INDUSTRY—STANDARDS

Observations on existing design specifications for foundation beds of buildings and structures. G.I. Tor-Stopaniin, V. Kh. Goltzman, Gdr. stroi. 36 no. 2: 45-17 F '66.

CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS

Big campaign for the introduction of technological innovations. F. Sebelev Inform. biul. VDNKH no. 4: 10-21 Ap '66.

CONSTRUCTION WORKERS—EDUCATION AND TRAINING

(see also subdivision under Poltava Province; Tatar A.S.S.R.)

New developments in the training of construction workers. V. Aizakhelev, Prof. i tekhn. obr. 23 no. 2: 24-25 F '66.

The oldest technical school of Bryansk Province. I. Prityko, A. Granovskii, Stroi. spets. obr. 13 no. 2: 22-23 F '66.

Our interviews. Stroi. spets. obr. 13 no. 1: 10-11, 13-14, Ja '66.

Participation in efficiency operations of instructors at the Central Research Institute for Construction in the Gas Industry. D. D. Iurakov, Stroi. truboprov. 10 no. 5: 26-27 My '65.

CONSUMER CREDIT

see subdivision under Japan

CONSUMPTION (ECONOMICS)

(see also subdivision under Uzbekistan)

Measuring the level of national consumption of nonfood commodities. M. Min, Vest. stat. no. 3: 83-84 '66. Rakiteki, B.V. [Public consumption funds as an economic category] Obshchestvennye fondy potrebniia kak ekonomicheskaia kategorija, Moskva, Mysl', 1966. 108 p.

Some problems of sugar consumption by the population of the U.S.S.R. L. S. Mazoi' Sakh. prom. 40 no. 3: 45-48 Mr '66.

State control of means of consumption under socialism. N. T. Chernyshev, Stroi. nauch. rab. Volg. gos. pad. inst. no. 1: 150-167 '64.

CONTAINERS

Important potentialities for the saving of funds. Sov. potreb. koop. 10 no. 2: 31-33 F '66.

CONTINUITY

Il'ushin, A.A. [Continuum mechanics; a textbook] Mekhanika sploshnoi sredy; uchebnoe posobie. [Moskva] Izd-vo Mosk. univ. Pt. 2. 1965. 25 p.

CONTINUOUS CASTING—QUALITY CONTROL

Improving the quality of continuous ingots. V. S. Rutes, B.V. Fililev, Stal' 26 no. 2: 123-128 F '66.

CONTINUOUS FUNCTIONS

see Functions, Continuous

CONTRACTS

Characteristics of the economic contract as instrument of the plan. V.G. Verdnikov, Sov. gos. i pravo 36 no. 4: 63-70 Ap '66.

The contract and the economic relations of enterprises. M. Pal'kovich, Plan. khoz. 43 no. 4: 69-72 Ap '66.

CONTRACTS (Continued)

- Correlation of administrative and economic methods when regulating business relations. S. N. Butus'. Sov. gos. i prav. 16 no. 12:1-34 M1 '66.
- Discussion of the problems of regulating business relations. E. P. Sov. gos. i prav. 16 no. 3:135-137 M1 '66.
- Legal nature and specific aspects of contracts entered into at trade fairs. S. P. Kolomoistalskiy. Sov. gos. i prav. 16 no. 1:51-59 M1 '66.
- Perfor the regulatory legislation on national economic planning. G. I. Finklas. Sov. gos. i prav. 35 no. 3:15-21 M1 '66.
- Time, place, and manner of performing obligation. Z. Kiylova. Sov. Just. 10 no. 7:11-15 Ap '66.

CONTRACTS, AGRICULTURAL see subdivision under Orin District, Ukraine

CONTRACTURE

- Prevention of postoperative contractures following surgery on the knee joint using a wide parapatellar approach. I. A. Movshovich. Ortop., travm. i protez. 27 no. 3:61-63 M1 '66.
- Surgical treatment of electrical contractures of the hand following deep burns. G. I. Dmitriev. Ortop., travm. i protez. 27 no. 3:55-58 M1 '66.

CONTRAST MEDIA—PHYSIOLOGICAL EFFECT

- Radiative activity of the abdominal cavity in experimental ecchymosis with positive contrast media. N. P. Ushakov. Farm. i toki. 29 no. 1:79-83 Ju-T '66.

CONTROLLED FUSION

- Gladkov, K. A. [Atom from A to Z] Atom o do IA. Moskva, Atomizdat, 1966. 170 p. (Nauchno-populnarnaya biblioteka atomizdata)

CONVERGENCE

- Rate of convergence to stable distribution law. I. U. P. Studen'. Dokl. AN SSSR 167 no. 1:31-34 M1 '66.
- Region of convergence of series of the type $\sum_{n=0}^{\infty} x_n^n$ and the integral representation of their sums. M. Meredov. Uchi. zap. Tark. gos. un. no. 28:23-31 '64.
- Stechkin, S. B. and P. L. Ulanov. [Subsequences of convergence of series] Podposledovat'nost' akhadi-moski riador. Moskva, Nauka, 1965. 80 p. (Akademiya nauk SSSR. Matematicheskii institut Trudy, vol. 80)

CONVERTERS—DESIGN AND CONSTRUCTION

- Manufacture of unfired cast-iron-manganese electric and its service in 100-ton oxygen-blown converters. A. A. Pirogov and others. Ognepriy 31 no. 2:15-19 '66.

CONVERTERS—EQUIPMENT AND SUPPLIES

- Reheating the feeding of sand into the ladle with pig iron. A. D. Velichin and others. Metallurgy 11 no. 2:10 P '66.

CONVERTS, CATHOLIC

- Shaking souls. A. P. Menshina, N. Glazenberg. Mol. komm. no. 1:106-110 Ja '65.

CONVEX SURFACES

- Theory of boundary surfaces. B. M. Broute. Stroi. mekh. i ruzh. stroy. 8 no. 1:42-45 '66.

CONVEYING MACHINERY

- Analysis of the precision of automatic conveying operations. L. A. Nakhankin. Mekh. i avtom. proizv. 20 no. 2:40-41 P '66.
- Automatic distribution conveyors. M. A. Amnyi. Mekh. i avtom. proizv. 20 no. 2:24 P '66.
- Conveying of doffed warp rolls from water to sizing machines. A. I. Kerpanistas. Tekst. prom. 50 no. 3:12-43 M1 '66.
- Conveyor for the forming, drying, and glazing of pipe. M. S. Belopol'skiy, N. N. Fantalov. Stroi. i ker. 23 no. 3:24-28 M1 '66.
- Distinguishing hoisting and conveying machines. M. G. Gontar'. Gor., stroi. i dor. mash. no. 2:155-161 '65.
- Designing overhead conveyors with standard units. Z. I. Nudokhina. Mekh. i avtom. proizv. 20 no. 2:27-29 P '66.
- Determining the efficiency of conveyors transporting crushed rock materials. A. M. Turenko, I. S. Potukhov. Gor., stroi. i dor. mash. no. 2:162-166 '65.
- Parameters of the linear part of a band conveyor with overhead roller supports. V. S. Bondarev, V. I. Kovalenko, I. S. Petukhov. Gor., stroi. i dor. mash. no. 2:187-179 '65.
- Plastic conveyor rollers. N. A. Lapovenko. Sbor. trud. MTU no. 2:35-43 '62.
- A record for the daily performance of the KM-871s conveyor. V. G. Semivolov, V. L. Movchan. Ugoi' 41 no. 3:5-6 M1 '66.
- Some problems of the study of large vibrational feeders. A. I. Tishkov. Izv. SO AN SSSR no. 10. Sci. tekhn. nauk no. 3:116-113 '64.
- Substantiating the angle of gradient of the worm of a screw conveyor. E. M. Gut'lar. Dokl. MISP 1 no. 5:79-88 '64.

- Transportation of glass containers without boxes. V. A. Chub. Khim. prom. no. 1:15 Ja-F '66.
- Voplin, E. A. [Hoisting and conveying machinery, manual for correspondence students] Pod'emno-transportnyye mashiny, uchebnoe posobie dlya studentov-zhuchnikov. Gor. i khim. Gorkovskiy politekhn. in-tim. A. A. Zhdanova, 1965. 135 p.

CONVEYING MACHINERY—DESIGN AND CONSTRUCTION

- Dual-transmission belt conveyors and potentialities of their use. B. A. Kuznetsov. Ugoi' 41 no. 2:40-42 P '66.
- Telegraphic conveyors. A. S. Talashenko. Ugoi' 41 no. 3:51-55 M1 '66.

CONVEYING MACHINERY—ELECTRIC DRIVING

- Studying the starting conditions for the operation of belt conveyors. N. S. Poltavov, N. A. Bilichenko. E. kh. i avtomatiz. i zv. vyz. ucheb. zap. gor. zhur. 3 no. 11:80-81 '62.

CONVEYING MACHINERY—HYDRAULIC DRIVE

- Directions of improving the base of stopping complex with hydraulic support. I. A. Zigin, P. N. Petukhov. Ugoi' 41 no. 3:50-51 M1 '66.

CONVEYING MACHINERY—SAFETY MEASURES

- Determining the time length of the filling of safety load baskets. S. S. Zimanevko, A. V. Vyshinskiy. Shkhi. stroi. 10 no. 2:6-11 P '66.

CONVEYING MACHINERY—STANDARDS

- New standards developed by the All-Union Research Institute of the Hoisting and Conveying Machinery Industry. L. D. Kuvshinov. Standartizatsiya 28 no. 1:41-46 D '65.

CONVEYING MACHINERY—TESTING

- Objectives and methods of experimental studies of the operation of belt conveyors. A. O. Spivakovskiy, N. V. Fandeev, V. S. Bolotkovskiy. Izv. vyz. ucheb. zap. gor. zhur. 5 no. 11:85-89 '62.

CONVULSIONS

- Effect of niazil, metiazil and other central cholinolytics on the convulsive threshold of the hippocampus and the threshold of the activation reaction. I. U. S. Borodkin. Farm. i toki. 27 no. 2:651-654 N-D '61.

COOKERY

- Akhimova, M. Khabarov. Sov. potreb. koop. 10 no. 1:1-14 M1 '66.

COOKERY (POTATOES)

- Potato and vegetable dishes. Sov. potreb. koop. 10 no. 2:60-61 P '66.

COOKERY (VEGETABLES)

- Potato and vegetable dishes. Sov. potreb. koop. 10 no. 2:60-61 P '66.

COOLING

- Temperature conditions for heated tubes at a fluctuating flow rate. V. V. Dolgov, O. A. Sudaitayn. Atom. energ. 20 no. 1:70-71 Ja '66.

COOPERATIVE AGRICULTURE see Agriculture, Cooperative

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE MARKETING OF FARM PRODUCE see subdivision under Hungary

COOPERATIVE SOCIETIES

- (see also subdivision under Cherkassy Province, Donetsk Basin; Estonia; Kishinov District, Ryazan Province; Latvia; Rostov-on-Don; Samonovka, Nikolayev Province, Sarovskiy District, Tveropol' Province, Tomsk Province; Vietnam; North; Vyborg District)
- Development of the activities of cooperative societies for the last seven years (1950-1955). A. Balashov. Sov. potreb. koop. 10 no. 3:24-33 M1 '66.
- Economic experiment is in progress. P. Goloshechupov. Sov. potreb. koop. 10 no. 2:30-39 P '66.
- From the pages of cooperative society newspapers. V. Filippov. Sov. potreb. koop. 10 no. 3:62-63 M1 '66.
- Important potentialities for the saving of funds. Sov. potreb. koop. 10 no. 2:31-33 P '66.
- Let's make way for the initiative of individual enterprises. Sov. potreb. koop. 10 no. 2:64 P '66.
- Let's raise the level of organizational and educational work. A. Shalaurova. Sov. potreb. koop. 10 no. 2:2-4 P '66.
- Source of creative initiative, review of correspondence. Sov. potreb. koop. 10 no. 2:6-9 P '66.
- True road to communism. Sov. potreb. koop. 10 no. 3:2-4 M1 '66.
- COOPERATIVE SOCIETIES—AUDITING AND INSPECTION
- [Manual for the consumers' cooperative auditor] Spravochnik revizora potrebitel'skoi kooperatsii. Moskva, Ekonomika, 1966. 398 p.

COOPERATIVE SOCIETIES—EMPLOYEES

- High reward for gallant labor. Zakup. sel'khoz. prod. no. 1:46-50 Ja '66.

COOPERATIVE SOCIETIES—FINANCE

- Iomayev, E. N. [Distribution and use of consumers' cooperative profit] Raspredeleeniye i ispol'zovanie potebitel'skoi kooperatsii. Moskva, Finansy, 1966. 119 p.

COOPERATIVE SOCIETIES—OFFICIALS AND EMPLOYEES see subdivision under Yaroslavl Province

COOPERATIVE SOCIETIES—PERIODICALS

- Thousands of new readers. Sov. potreb. koop. 10 no. 3:16-18 M1 '66.

COORDINATES

- Theodolite for automatic determination of coordinates. L. Palyovskiy. Geod. i kart. no. 11:17-24 N '65.

COORDINATES—MEASUREMENT

- Comparing test grids. L. V. Filimonov, I. A. Krylov. Geod. i kart. no. 2:41-48 P '66.

COORDINATION COMPOUNDS

- Coordination compounds of rare-earth metal chlorides with diethylacetic acid esters. M. G. Romov, O. A. Osipov, L. K. Isayeva. Zhur. neorg. khim. 11 no. 3:536-539 M1 '66.

COPE PODA see subdivision under Black Sea; Mediterranean Sea

COPPER

- Behavior of copper suspensions and powders in a constant electric field. A. E. Volp'yan, L. G. Gindin, V. E. Gulya. Dokl. AN SSSR 166 no. 4:804-806 P '66.

COPPER—BRITTLINESS

- Effect of bismuth on the brittleness of copper following recrystallization annealing. D. G. Butomo, O. S. Mrushkin. TSvet. met. 39 no. 2:83-81 P '66.

COPPER—ELECTROMETALLURGY

- Electric smelting of copper dross. I. R. Polyvany and others. TSvet. met. 39 no. 2:18-21 P '66.

- Level indicator for the automatic pumping of cement copper. K. N. Golubkov. TSvet. met. 39 no. 1:86 Ja '66.

COPPER—METALLURGY

- Industrial use of oxygen in the production of copper. L. M. Bochkov, I. U. A. Bykhovskiy, Z. L. Benin. TSvet. met. 39 no. 1:11-18 Ja '66.
- Thermodynamics of the system copper - slag - oxygen. A. N. Kytkovskiy and others. Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no. 3:30-36 Ji-S '64.

COPPER-BERYLLIUM ALLOYS

- Berman, S. I. [Copper-beryllium alloys, their properties, use and processing] Mednoberillyevye splavy, ikh svoystva, primeneniye i obrabotka. Moskva, Metallurgiya, 1966. 343 p.

COPPER CATALYSTS

- Allylation of phenols and phenol ethers. Part 3: Use of monovalent copper compounds in the allylation of phenols. S. G. Mol'kanovskaya. Zhur. org. khim. 2 no. 3:507-510 M1 '66.
- Effect of the reaction mixture on a copper catalyst for propylene oxidation. I. A. B. Gorokhovskiy, I. I. Vovlanok, M. A. Rubanik. Khim. i tekhn. 7 no. 1:76-83 Ja-F '66.

COPPER CHLORIDES

- Interaction of cupric chloride with uretropine in aqueous and methanol solutions. L. M. Mel'nikenko, E. A. Gintner. Zhur. neorg. khim. 11 no. 3:529-539 M1 '66.
- Kinetics of the electrochemical reduction of bivalent copper chloride in pyridine within 15-150°C temperature range. I. U. G. Bochkov, S. V. Gorbachev. Zhur. fiz. khim. 49 no. 3:720-732 M1 '66.

COPPER COMPOUNDS

- Complex compounds of metals with some nitrogen-containing ligands. Part 2: 1-Methylindazole-3-aldehyde and their copper complexes. A. D. Garmovskiy and others. Zhur. ob. khim. 35 no. 2:329-332 P '66.
- Complex compounds of 1,4-dicyano-2-butene with CuCl and CuBr. S. K. Smirnov, E. L. Gal'perin, O. G. Strukov. Zhur. neorg. khim. 11 no. 3:604-610 M1 '66.

COPPER CRYSTALS—GROWTH

- Appearance of twin crystals on a copper single crystal (111) face in the electrocrystallization of copper. I. U. M. Polukarov, Z. V. Semenova. Elektrokhtimika 2 no. 2:184-188 P '66.

COPPER ELECTRODES see Electrodes, Copper

CORROSION AND ANTICORROSIVES (Continued)

Present status of corrosion protection of condensate in id equipment in Krasnodar Territory. I.U.P. Kozlovskiy, K.S. Zaitseva, N.E. Legezin. Gaz. dolo no. 2:18-42 '66.

Protecting steel joints from corrosion in large-panel buildings. G.B. Ivinskii, A.E. Mavrovskii. Bet. i zhal. - bet. 11 no. 3:10-11 '65.

Studying the pickling of low-carbon steel in HCl, H₂SO₄, and H₂PO₄. T.V. Malysheva, A.S. Afanas'ev. Zashch. met. 2 no. 2:160-167 '66.

To greet the 23d Congress of the Communist Party of the Soviet Union. Zashch. met. 2 no. 2:113-114 '66.

CORROSION AND ANTICORROSIVES—TESTING

Electro-optical method of determining the thickness of transparent polymeric films on metals. L.L. Rozensfeld, E.K. Oshe, A.G. Aktimov. Izv. vuzovsk. i shk. prim. no. 1:56-58 '66.

New rapid method of evaluating the protective properties of polymeric coatings on metals in corrosive media. E.M. Sokolova and others. Lakokr. mat. i shk. prim. no. 1:53-55 '66.

CORROSION AND ANTICORROSIVES, EFFECT OF TEMPERATURE ON

Corrosion of metals in conditions of heat transfer. P.I. Zaitublin, L.A. Polubotartseva, L.N. Iulova. Zashch. met. 2 no. 2:241-244 '66.

CORTICOSTEROIDS

Effect of whole-body X-ray irradiation on the content of 17-hydroxycorticosteroids in the peripheral blood of dogs. E.K. Shytnik. Radiobiologiya 6 no. 1:46-49 '66.

CORTICOSTEROIDS—THERAPEUTIC USE

Therapeutic effect of corticosteroids in experimental aseptic lepteningitis. N.M. Madzhidov. Zhur. nevr. i pskh. 68 no. 3:341-346 '66.

CORTICOSTERONE

Variations in the corticosterone content of blood of irradiated rats. G.V. Chitroretskiy. Sob. AN Gruz. SSR 41 no. 1:63-67 Ja '66.

CORTISOL

Effect of hydrocortisone on hemodynamics and gas exchange. B.G. Kobulda. Sob. AN Gruz. SSR 41 no. 1:215-221 Ja '66.

CORTISONE

Effect of thymectomy and introduction of large doses of cortisone on the taking of thyroid homotransplants in mice of pure strains. B.P. Shadrin. Biol. eksp. biol. i med. 61 no. 1:69-72 Ja '66.

CORTISONE—PHYSIOLOGICAL EFFECT

Effect of cortisone and prednisone on the renal excretion of water and electrolytes in mice and rats. I.U. Ivanov. Farm. i toka. 29 no. 1:86-88 Ja-F '66.

Effect of cortisone injections on the content of labile ATP phosphorus in the tissues of the thymus and in the cells of mice lymphoma. I.A. Bezveshchenko. Vop. med. khim. 12 no. 1:63-65 Ja-F '66.

CORTISONE—SIDE EFFECTS

Acute "steroid diabetes" in patients treated with glyco-corticoids. Z.V. Volkova, S.A. Maurin. Khirurgiya 42 no. 3:59-61 Mr '66.

CORUNDUM

Effect of the method of vibration grinding of alumina on the properties of the slip, fusion, and hardening during the sintering of castings and the properties of corundum products. I.S. Katnarskii and others. Ogneupr. 31 no. 2:45-51 '66.

Kinetics of corundum sintering under pressure. E.V. Deglarskaya, I.S. Katnarskii. Izv. AN SSSR Neorg. mat. 2 no. 2:239-244 F '66.

Mechanism of the reduction of synthetic corundum by solid carbon. B.I. Emilt, G.O. Papin, S.T. Rostovtsov. Met. i koksokhm. no. 3:36-40 '65.

COSMIC RADIATIONS, RADIO-FREQUENCY

Measurement of the polarization of the coherent radio emission in extensive air showers. I.A. Borzhkovskii and others. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 4:189-190 F '66.

COSMIC RAYS

Analysis of some effects of cosmic-ray variation during magnetic storms at maximum solar activity. M.V. Alanina and others. Kosm. luch. no. 7:150-155 '65.

Anisotropy effect in minor bursts of cosmic rays. V.S. Smirnov. Kosm. luch. no. 7:155-158 '65.

Anomalies in cosmic-ray intensity during magnetic storms. L.I. Dorman, E.V. Kolomoets, V.T. Plivneva. Kosm. luch. no. 7:100-105 '65.

Averaging of cosmic-ray observation data from the worldwide network of stations. M.V. Alanina, L.I. Dorman. Kosm. luch. no. 7:204-207 '65.

Bondarenko, V.M. [Use of cosmic rays in geology] Ispol'zovanie kosmicheskikh lucheiv v geologii. Pod red. A.G. Tarkhova. Moskva, Nedra, 1966, 142 p.

Comparison of cosmic-ray intensity variations and the H-component of the geomagnetic field. L.I. Dorman, A.M. Chkhetaia. Kosm. luch. no. 7:67-83 '65.

Cosmic-ray variation and fluctuations in the magnetosphere. N.P. Chikhov and others. Kosm. luch. no. 7:135-138 '65.

Cosmic-ray variation and some characteristics of interplanetary space. G.F. Kiyumskii, A.I. Kuz'min, G.V. Skiplin. Kosm. luch. no. 7:18-28 '65.

Cosmic-ray variation and some effects of the geophysical complex in August-September 1959. L.I. Dorman, A.M. Chkhetaia. Kosm. luch. no. 7:107-111 '65.

Cosmic rays. V.I. Logachev. Av. i kosm. 44 no. 5:117-21 '62.

Directional anisotropy in the mechanism underlying the Forbush effect. K.K. Fedchenko. Kosm. luch. no. 7:112-120 '65.

Diurnal and semidiurnal variations in magnetic activity and the hard component of cosmic rays. M.V. Alanina and others. Kosm. luch. no. 7:146-160 '65.

Effect of the threadlike ring of equatorial current on the geomagnetic cutoff of directed cosmic radiation. L.I. Dorman, M.L. Tasto. Kosm. luch. no. 7:121-130 '65.

Effect of the western current, distributed over the sphere, on the geomagnetic cutoff. L.I. Dorman, M.L. Tasto. Kosm. luch. no. 7:131-134 '65.

Electromagnetic conditions in interplanetary space (by cosmic-ray variation data for the period 13 to 20 March 1958). L.I. Dorman, A.M. Chkhetaia. Kosm. luch. no. 7:139-149 '65.

Eleven-year cycle of cosmic-ray variation (as observed at sea level). L.V. Dorman, L.I. Dorman. Kosm. luch. no. 7:5-17 '65.

Evaluation of the coupling coefficients for the μ -meson component in the three-dimensional model of an elementary act. V.V. Viskov, L.I. Dorman. Kosm. luch. no. 7:197-203 '65.

Flare stars as a possible source of cosmic X radiation. G.A. Gurzadov. Dokl. AN SSSR 168 no. 4:821-824 F '66.

Large-size liquid scintillation detectors. A.T. Abrosimov, I.A. L. Blokh, A.A. Pomanski. Kosm. luch. no. 7:200-219 '65.

Manifestation of the effect of enclosure of the magnetosphere by cosmic rays. L.I. Dorman, A.M. Chkhetaia. Kosm. luch. no. 7:140-144 '65.

Observations of cosmic-ray variation at Yakutsk in 1957-1960. A.I. Kuz'min and others. Kosm. luch. no. 7:30-38 '65.

The origin of cosmic rays. V.L. Ginzburg, S.I. Syrovatskii. Usp. fiz. nauk 88 no. 3:485-504 Mr '60.

Processes of metastable interaction between nucleons and nuclei of ultrahigh energy. S.I. Nikol'skii, Pisl. v red. Zhur. eksper. i teoret. fiz. 3 no. 4:153-158 F '66.

Relation of the effect of minor cosmic-ray bursts to the A_p characteristic of geomagnetic activity, and the character of the propagation of the high-energy portion of solar cosmic rays in interplanetary space. L.I. Dorman, A.V. Seigeev. Kosm. luch. no. 7:170-173 '65.

Scintillation counters for cosmic-ray study. A.T. Abrosimov. Kosm. luch. no. 7:226-239 '65.

Sideral-diurnal variation in cosmic-ray intensity. L.I. Dorman and others. Kosm. luch. no. 7:145-147 '65.

The solar wind and its manifestations in cosmic-ray variation. L.I. Dorman, N.S. Kaminer. Kosm. luch. no. 7:27-29 '65.

Some effects of cosmic-ray variation during the magnetic storms in August 1958 (by data of the worldwide network of IGY stations). M.V. Alanina and others. Kosm. luch. no. 7:84-88 '65.

Some methodological problems arising in the study of cosmic-ray variation on the basis of IGY experience. I.A. L. Blokh and others. Kosm. luch. no. 7:174-177 '65.

The 27-day cosmic-ray variation and general characteristics of the electromagnetic conditions in interplanetary space. L.I. Dorman, L.Kh. Shatashvili. Kosm. luch. no. 7:161-164 '65.

Use of cosmic rays in solving geological-geophysical problems. I.A. L. Blokh, V.M. Bondarenko, A.G. Tarkhov. Kosm. luch. no. 7:208-223 '65.

Use of new instruments in studying short-period variations and microvariations in cosmic-ray intensity. A.T. Abrosimov, I.A. L. Blokh. Kosm. luch. no. 7:251-259 '65.

Use of scintillation counters in cosmic-ray detectors. A.T. Abrosimov, I.A. L. Blokh. Kosm. luch. no. 7:240-250 '65.

COSMOGONY

Sazonov, B.I. [Outer space at our doors] Kosmos u nashikh dverei. Leningrad, Gidrometeoizdat, 1966, 198 p.

COSSACKS see subdivision under Kiban

COST ACCOUNTING

Accounting and analysis of nonproductive expenditures. I.A. Gradshteyn. Bukh. uch. no. 2:8-10 F '66.

Standard method of calculating production costs by stages. I. Ignat'eva. Bukh. uch. no. 2:24-30 F '66.

COST AND STANDARD OF LIVING

The goal is prosperity. N. Lagutina. Nov. vsem. 23 no. 13:3-4 Mr '66.

Transition planning for the standards of living should be put on a new level. G.M. Mironov, N. Gvozdev. Plan. khoz. 43 no. 1:48-51 Ap '66.

COSTA RICA—COMMUNIST PARTY

Zhiliav, I.U.S. [The progressive forces of Costa Rica in the struggle for genuine independence and democratic rights] Progresivnye sily Kosta-Riki v bor'bu za podlinnu nezavisimost' i demokraticheskie prava. Moskva, Izd-vo "Znanie," 1966, 48 p. (Novoe v zhizni, nauke, tekhnike VII Seriya: Mezhdunarodnaya, no. 4)

COSTER, CHARLES DE, 1827-1870

"The spirit of Flanders" in the Central Children's Theater. A. Cherenova. Teatr. 26 no. 7:63-65 R '65.

COSTS, INDUSTRIAL

Kantor, L.M. [Costs in socialist industry] Sebestoimost' socialisticheskoi promyshlennosti. Moskva, Gos. izd-vo polit. lit-ry, 1958, 274 p.

COTTAGE CHEESE—PRESERVATION see subdivision under Ukraine

COTTON—DISEASES AND PESTS see subdivision under Armenia, Azerbaijan, Mugan Steppes, Nakhichevan A.S.S.R.

COTTON—FERTILIZERS AND MANURES

Effect of nutrition conditions on the content of phosphorus compounds in cotton. I.Sh. Shumakov. Izv. AN Azerb. SSR, Ser. biol. nauk no. 5:62-74 '65.

Role of fertilizers in the improvement of the technological quality of cotton fibers. D.N. Chakrabarti. Vost. sel'khoz. nauk 11 no. 3:105-107 Mr '66.

Ways of increasing the effectiveness of fertilizers in cotton growing. P.V. Protasov. Agrokhitania no. 3:3-10 Mr '66.

COTTON—STORAGE

Let us be prepared to receive cotton efficiently. S. Rodichev. Zakup. sel'khoz. prod. no. 6:15-17 Je '65.

COTTON BREEDING see subdivision under Armenia

COTTON FABRICS—MICROBIOLOGY

Microbiological destruction of tent fabrics. N.V. Kalugin, I.A. Ermilova. Izv. vuz. uch. zav. i tekhn. tekst. prom. no. 1:30-35 '66.

COTTON GROWING see subdivision under Azerbaijan, Khorezm Province, Turkmenistan

COTTON GROWING—EQUIPMENT AND SUPPLIES

Provide cotton growers with perfect machinery. V. Gorbunov. Tekhn. v sel'khoz. 26 no. 3:14-17 Mr '66.

COTTON MACHINERY

Machines for intercropping and harvesting of cotton. S. Kondzhayev, N. Taimunov. Tekhn. v sel'khoz. 26 no. 1:30-41 Ja '66.

COTTON-PICKING MACHINERY—MAINTENANCE AND REPAIR

Assembly line with conveniences. Okhr. i tuda i sots. stakh. no. 3:26-27 Mr '66.

COTTON TRADE

Let us be prepared to receive cotton efficiently. S. Rodichev. Zakup. sel'khoz. prod. no. 6:15-17 Je '65.

COTTON WILT see subdivision under Armenia

COTTONSEED OIL

Effect of solvents on the kinetics of hydrogenation of cottonseed oil. N.S. Samsonova, D.V. Sokol'skii. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 3:55-62 Ji-S '64.

Fatty acid composition of phospholipids from cottonseed oil. N.I. Iskhakov, A.S. Sadykov, A.I. Ismailov. Khim. prirod. soed. no. 3:108-201 '65.

Refining of cottonseed oil in the acetone miscelle with spirit of ammonia. A.L. Markman, S.N. Burnasheva. Masl. i zhir. prom. 31 no. 1:15-16 Ja '65.

COUMARIN

Coumarins from Prangos schanica (Rgl. et Schmalh) Karov roots. G.A. Kuznetsova, A.D. Zorina. Zhur. prikl. khim. 39 no. 2:492 F '66.

Extraction and chemical study of coumarins from Ferula caspica M.B. H.A. Zhukov. Farmatsevt. zhur. 16 no. 6:20-22 '63.

Natural coumarins. Report No. 2. G.K. Nikonov. Apl. dolo 14 no. 3:82-70 My-Je '65.

Pyran, its analogs, and related compounds. Part 18: Mannich bases from some dihydroxy coumarins. V.A. Zagorevskii, Z.D. Kirsanova, E.A. Zykov. Zhur. org. khim. 2 no. 3:528-531 Mr '66.

COUMARIN—PHYSIOLOGICAL EFFECT

Changes in the fibrinogen concentration in the blood following an intravenous injection of coumarin in dicoumarin-fed animals. M.D. Ushakov. Biol. eksp. biol. i med. 61 no. 146-48 Ja '66.

COUNCIL FOR MUTUAL ECONOMIC ASSISTANCE see Mutual Economic Assistance Council

COUNCILS AND SYNODS

Ancient Church councils and the ecumenical movement (to be continued). N. Zabolotskii. Zhur. Mosk. Patri. no. 239-81 '66.

Councils of the early Church and the ecumenical movement. N. Zabolotskii. Zhur. Mosk. Patri. no. 3 53-55 '66.

COUNTING DEVICES

Device for counting production output. V. L. Margulis, N. P. Tschukin. Tekst. prom. 26 no. 373-71 Mr '66.

COUPLING REACTIONS

Enamines. Part 4. Azo coupling of enamines of propionaldehyde and butyraldehyde. V. I. Shvedov, L. B. Alukhova, A. N. Grinev. Zhur. org. khim. 2 no. 3: 391-393 Mr '66.

COUPLINGS

Dual ability analysis of elastic coupling boxes. L. V. Konovalov, B. N. Kotelnikov. Vest. mashinostr. 46 no. 3 14-17 Mr '66.

Investigating the rigidity of movable couplings with round plastic guides. I. U. S. Fedorov. Sbor. tr. d. MVТУ no. 4: 110-114 '64.

COURTS

(see also subdivision under Union Republics)

Polenov, G. F. [Democratic foundations of the Soviet judiciary] Demokraticheskie osnovy sovetskogo pravosudia. Alma-Ata, "Kazakhstan," 1965. 43 p.

COW TESTING

Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut zhivotnovodstva. [Methodology for studying the composition of cow's milk] Metodika izucheniya sostava moloka korov. Izd. 3., dop. i perer. [Moskva] Otdel nauchno-tekhn. informatsii VIZha, 1964. 63 p. [MICROFILM]

COWS—DISEASES AND PESTS

Conversion of sulfates and phenols in the blood of highly productive cows with metabolic disorders (alimentary toxemia). D. P. Cherkasov. Trudy Mosk. vet. akad. 22 no. 2:112-119 '58.

Pregnant mare's serum in the control of sterility in cows. J. Kalinukis, D. K. Dashkevich. Veterinarija 42 no. 1:72-73 Ju '66.

Some indices of protein metabolic disorders. V. F. Kozlov and in cows with metabolic disorders. V. F. Kozlov. Trudy Mosk. vet. akad. 22 no. 2:92-102 '58.

Therapeutic measures for highly productive cows with metabolic disorders. S. G. Molchanov. Trudy Mosk. vet. akad. 22 no. 2:120-139 '58.

COWS—FEEDING AND FEEDS

Feeding vitamin D emulsion to cows in winter. E. A. Peukhova and others. Veterinarija 42 no. 1:40-52 Ja '66.

Mineral content in the blood of highly productive cows as related to different types of feeding. V. T. Samokhin. Trudy Mosk. vet. akad. 22 no. 2:103-111 '58.

Milk productivity of cows when using nitrogen fertilizers in cultivated pastures. A. S. Emelianov, V. D. Kuznetsov. Khim. v sel. khoz. 4 no. 3:62-64 Mr '66.

Therapeutic measures for highly productive cows with metabolic disorders. S. G. Molchanov. Trudy Mosk. vet. akad. 22 no. 2:120-139 '58.

CRACKING PROCESS

(see also subdivision under Groznyy)

Dicyclohexyl and dicyclohexylmethane conversions on Pt- and Pd-alumina catalysts in the course of catalytic reforming. N. I. Shulkin, I. I. Vorzhenenskaya. Izv. AN SSSR. Ser. khim. no. 2:348-350 '66.

Investigation of solid products of oxidation of cracked residues. V. G. Gusev, Zh. Zh. Baibarsanova, Sh. E. Erdenov. Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no. 3:71-76 Ji-S '64.

Obtaining motor fuels by the two-stage hydrocracking of vacuum distillates. L. N. Osipov and others. Neftprom. i neftekhim. no. 2:8-10 '60.

Particular features of the initiated cracking of alkanes. A. D. Stupkovich. Neftokhimiya 5 no. 4:512-519 Ji-Ag '65.

Radiation-thermal cracking of straight-run low-octane gasoline in a uniform temperature field. L. S. Polak and others. Neftokhimiya 5 no. 3:363-367 My-Je '65.

Stupkovich, A. D. [Kinetics and mechanism of the thermal cracking of alkanes] Kinetika i mekhanizm termicheskogo krekinga alkanov. [Saratov] Izd-vo Saratovskogo univ. Pt. I. 1965. 301 p.

Warm-up of catalysts in the oxidation of carbonaceous deposits. I. U. M. Zhurav and others. Zhur. fiz. khim. 40 no. 3:537-542 Mr '66.

CRANES, DERRICKS, ETC.

(see also subdivision under Groznyy region)

Basic and selection of loading gear for dry cargo ships to be built during the period 1966-1970. V. A. Sertinov, I. S. Zhuravleva. Tруды ТSNIMF no. 67 80-106 '65.

Calculating belt seams on curvilinear sections of welded beams of bridge cranes. A. G. Lang. Vest. mashinostr. 46 no. 2:25-27 F '66.

Crane with an additional support. A. I. Saifonov. Gidr. stroit. 36 no. 1:57-58 Ja '66.

Cranes in a line production. A. Bunishko. NTO 8 no. 3: 20-30 Mr '66.

Effect of a mounted loader with a turning boom on the tractor. A. I. Medis. Trakt i sel'khoz. mash. no. 3 26-28 Mr '66.

Efficiency of an automatic adjustment of a rubber-tired crane on extension supports. V. I. Papasov. Stroitel. mash. 11 no. 3:18-20 Mi '66.

Extension supports of foreign automotive jib cranes. I. A. L. Sigal. Stroitel. mash. 11 no. 2:21-22 Mi '66.

Introducing a bracket-type jib crane. F. F. Gavriluk, V. M. Borisova, V. T. Kuzhenko. Biol. tekhn. ekon. inform. Gos. nauch.-issl. Inst. nauch. i tekhn. inform. 10 no. 1:53-54 Ja '66.

List of serial automotive jib cranes. Stroitel. mash. 11 no. 3:23-24 Mi '66.

Semimounted tractor crane. A. Chernichkin. Tekhn. v sel'khoz. 26 no. 2:82-83 F '66.

Use of overhead cranes in lumberyards. N. I. Lobedev. Izv. vuz. ucheb. zav. les. zhur. 8 no. 6:74-77 '65.

Vacuum catching device for a crane. A. Timofeev. Avt. dokl. 20 no. 9:25 Mr '66.

CRANES, DERRICKS, ETC.—MAINTENANCE AND REPAIR

Reconditioning the race of the rolling ring of the K-51 crane by welding. N. Z. Semenov. Stroitel. mash. 10 no. 1:37-38 N '65.

Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnyim vedeniem rabot v promyshlennosti i gornom prom. [Regulations for the construction and safe operation of cranes. Obligatory for all enterprises and organizations designing, manufacturing and operating cranes surveyed by the Committee on the Inspection of Safe Operations in Industry and Mine Inspection] Pravila ustroystva i bezopasnoi ekspluatatsii gruzopod'nykh kranov. Oblazatel'nyy dlya vsekh predpriyatiy i organizatsii, proektiruyushchikh, izdeluyushchikh i ekspluatiruyushchikh gruzopod'nyye kran, podnadzornyye Gosgortekhnadzoru. Leningrad, Nedra, 1966 127 p.

The BK-900 tower crane. S. I. Finkov and others. Stroitel. mash. 11 no. 3:12-13 Mr '66.

CRANES, DERRICKS, ETC.—RELIABILITY

Effect of the number of tower cranes on their reliability under operating conditions. B. F. Khanov, A. V. Voskresen. Stroitel. mash. 11 no. 3:16-17 Mr '66.

Improving the operating reliability of crane mechanisms. N. Fedotov. Rech. transp. 23 no. 6:20-21 Je '64.

Reliability of gantry cranes. V. I. Braude. Vest. mashinostr. 46 no. 2:11-13 F '66.

CRANES, DERRICKS, ETC.—STANDARDS

An error in the standard for gantry cranes. A. I. Brium, M. G. Grishpun. Standartizatsiya 29 no. 12:50-51 D '66.

CRANES, DERRICKS, ETC.—TECHNOLOGICAL INNOVATIONS

Extend the life of bucket cranes used in the loading of sand. V. Karmazo. Rech. transp. 23 no. 6:22 Je '64.

CRANES, DERRICKS, ETC.—TESTING

Effect of rail joints of crane beams on dynamic loads of crane bridges. S. A. Kazak. Vest. mashinostr. 46 no. 3:3-8 Mr '66.

CRANIOLOGY

Occurrence of an additional bone in the skull of Capra cylindricornis Blyth. Z. I. Chladze. Soob. AN Gruz. SSR 41 no. 1:181-182 Ja '66.

CRANKS AND CRANKSHAFTS

Deformations of the crankshafts of GAZ-51 engines during hard facing under flux. I. U. A. Moshenskii. Avtom. svyr. 10 no. 2:57-60 F '66.

Using the method of resistance butt welding in manufacturing crankshafts of heavy-duty diesel engines. S. I. Kutchuk-Iaisenko and others. Vest. mashinostr. 46 no. 2:80-82 F '66.

CRANKS AND CRANKSHAFTS—MAINTENANCE AND REPAIR

Build-up welding of crankshaft journals under flux. V. Deov, A. Lylikov, I. Ekster. Tekhn. v sel'khoz. 26 no. 3:62-64 Mr '66.

Submerged build up welding of the crankshafts of GAZ-51 and ZIL-130 engines. V. A. Nalivkin and others. Avtom. svyr. 18 no. 2:70-74 F '66.

CRAWLER TRACTORS

Experimental determination of the actual turning center of multicrawler machines. S. S. Egorov, E. F. Kolesnikov. Gor., stroit. i dor. mash. no. 2:93-99 '65.

CRAWLER TRACTORS—COLD WEATHER OPERATION

Movement of a crawler tractor in turning on snow. I. U. Kiochkov. Tekhn. v sel'khoz. 26 no. 2:80-81 F '66.

CRAWLER TRACTORS—SPRINGS AND SUSPENSION

Elastic characteristics of DT-54 suspension carriages. Changes in the length of the crawler head. V. P. Avramov. Izv. vuz. ucheb. zav. mashinostr. no. 11:13-119 '65.

CRAWLER TRACTORS—TRANSMISSION DEVICES

Analysis of starting characteristics of an agricultural crawler tractor with a hydro-mechanical transmission taking into consideration the effect of operational factors. A. N. Kopytin. Dokl. MISP 1 no. 2:107-115 '64.

Substantiation and selection of basic initial parameters of the hydro-mechanical transmission of an agricultural crawler tractor. V. I. Anofhin. Dokl. MISP 1 no. 2:69-81 '64.

Substantiation of the selection of the number of gear wheels and gear ratio for the hydro-mechanical transmission of an agricultural crawler tractor. V. I. Anofhin. Dokl. MISP 1 no. 2:83-95 '64.

CREATION (LITERARY, ARTISTIC, ETC.)

From an idea to its realization. Ihor Muslov. Rad. lit. 10 no. 1:73-81 Ja '66.

The nature of artistic creation. I. I. Kiseleva. Merzhur. filios. sbor. Kish. un. no. 4:135-145 '64.

CREDIT

(see also subdivision under Germany, East)

Credit and industrial development. I. A. Tolmachev. Nar. khoz. Kazakh. 24 no. 2:20-33 F '66.

Credit for payment. N. Shabanova. Den. i kred. 24 no. 2:32-34 F '66.

The credit system on the eve of the 23d Congress of the CPSU. Den. i kred. 24 no. 3:3-7 Mr '66.

Economic reform and the increasing role of credit.

V. Daryev. Kommunist 46 no. 2:39-48 Ja '66.

Issuing credit for starting and adjusting work. S. Vergun. Den. i kred. 24 no. 3:41-43 Mr '66.

Issuing credit to trade organizations. P. Novosadov. Den. i kred. 24 no. 3:8-15 Mr '66.

Profitability and credit. Z. Atlas. Den. i kred. 24 no. 2:8-16 F '66.

The role of credit in business activity. B. Borozdin. Komm. Vooruzh. Sil 47 no. 6:87-89 Mr '66.

Role of credit under modern conditions. N. Smirnov. Den. i kred. 24 no. 2:27-31 F '66.

Supplying credit to industries under the new conditions. M. Ingolman. Den. i kred. 24 no. 2:17-26 F '66.

CREEP OF CONCRETE

Creep of lime concrete under central and eccentric application of contracting loads. S. V. Polisev, A. V. Cherkashin. Bet. i zhel.-bet. 11 no. 3:36-40 Mr '65.

Evaluating various theories of the creep of concrete. I. A. Belinskii. Bet. i zhel.-bet. 11 no. 3:20-23 Mr '65.

Experimental study of the shrinkage and creep of agglomerate concrete. S. I. Korzun. Bet. i zhel.-bet. 12 no. 2:29-32 F '66.

Initial premises of the theory of the creep of concrete and their experimental basis. M. V. Bondarev. Bet. i zhel.-bet. 11 no. 3:14-20 Mr '65.

CREEP OF MATERIALS

Buckling of a bar under creep conditions. I. I. Pospelov. Prikl. mekh. 2 no. 2:57-63 '66.

CREEP OF PLASTICS

Creep calculation of a multilayer plastic hat. B. V. Minenkov. Sbor. tr. d. MVТУ no. 3:3-9 '63.

Creep of a polymer specimen under the action of cyclic loading. B. V. Minenkov. Sbor. tr. d. MVТУ no. 1:23-28 '64.

Vibro-creep of polymeric materials. G. I. Barenblatt and others. Dokl. AN SSSR 160 no. 4:813-185 F '68.

CRIME AND CRIMINALS

(see also subdivision under Semipalatinsk)

Cheslko, Andrii. [Notes of a criminal investigator] Zapysky shliokho. Toronto, [Klov Printers Ltd.] 1964. 127 p. (Biblioteka "My i svit")

Nature and causes of criminality in the U.S.S.R. I. I. Karpets. Sov. gos. i pravo 36 no. 4:82-91 Ap '66.

Soviet courts are the guardians of socialist legality. V. Zolchuk. Rad. pravo 29 no. 3:3-7 Mr '66.

CRIME AND CRIMINALS—RESEARCH

Introduction in Soviet criminology. A. A. Pionikovskii. Sov. gos. i pravo 36 no. 4:148-150 Ap '66.

On a scientific basis. A. Gersenzon. Sov. iust. 30 no. 5:6-7 Mr '66.

CRIME PREVENTION

On a scientific basis A. Geisenov. Sov. iust. 30 no. 5-6-7. Mr. '66

Some legal problems relating to public participation in crime prevention arising in connection with the codification of criminal law. A. S. Shlapachnikov. Sov. gos. i prav. 36 no. 9-10-15. S. '66

CRIME—ANTIQUITIES

The Chuvst-Kale Partial Mound in the Crimea. V. V. Kuznetsov. Ist. zap. Inst. arkheol. no. 106-113. '65

The cultures of Aeneolithic and Bronze periods in the Crimea. A. A. Shechinskii. Sov. arkheol. 10 no. 2-10-23. '66

CRIME—EARTHQUAKES AND BUILDING

Quality of large-block construction in earthquake areas of the Crimea. P. I. Iremenko. IU. P. Mal'kov. V. G. Gromov. Stroi. i arkhit. 11 no. 1-2-16. Ja. '66

CRIME—FOREST MANAGEMENT

Forest of the Crimea and the methods of their improvement. P. P. Izumskii. Trudy. I. I. Inst. lesa. 11-77-86. '65

CRIME—FRUIT—CHEMICAL COMPOSITION

Chemical and technological characteristics of some Crimean fruit varieties. A. L. Feldman. Izv. i sov. prom. 21 no. 1-2-28. Ap. '66

CRIME—FRUIT TRADE

There is a lot of work. V. Golovko. Znak. sel'khoz. prom. no. 14. Ja. '66

CRIME—GAS, NATURAL—GEOLOGY

Using field geophysics in the study of oil- and gas-bearing areas in the Crimean steppe. I. F. Tolstolytkin. Geofiz. sbor. no. 3-15-10. '65

CRIME—GEOLOGY, STRUCTURAL

From the distant past, origin of the Black Sea and the Crimea. S. A. Kovalevskii. Priroda 55 no. 3-105-113. '65

CRIME—OSTRACODA, FOSSIL

Lower Volognian Ostracoda of the central Crimea. John W. Neale. Paleont. zhur. no. 187-100. '66

CRIME—PETROLEUM GEOLOGY

Using field geophysics in the study of oil- and gas-bearing areas in the Crimean steppe. I. F. Tolstolytkin. Geofiz. sbor. no. 3-15-10. '65

CRIME—PLANTS, EFFECT OF WIND ON

Effect of wind on the arboreal vegetation of the uplands of the Crimea. I. P. Popov. Ukr. bot. zhur. 22 no. 1-10-70. '65

CRIME—SCARABAEIDAE

Description of some unknown larvae of scarab beetles (Coleoptera, Scarabaeidae) from the Crimea. I. V. Mal'nev. Ent. obozr. 15 no. 1-144-149. '65

CRIME—THRIPS

New thrips (Thysanoptera) from the Crimea. N. M. Derbeneva. Ent. obozr. 15 no. 1-131-137. '65

CRIME—TREES

Effect of wind on the arboreal vegetation of the uplands of the Crimea. K. P. Popov. Ukr. bot. zhur. 22 no. 1-10-70. '65

CRIME—VEGETABLE GARDENING—FINANCE

Profitableness of raising early vegetables. O. Luk'ianchenko. Ekon. Rad. Ukr. 9 no. 3-51-51. Mr. '66

CRIMEAN MOUNTAINS—GARNET

Rocks containing garnet in pebbles of the Jurassic conglomerates in the Crimean Mountains. V. I. Lobedinskii. T. I. Dobrovolskaya. Min. sbor. 19 no. 1-114-118. '65

CRIMINAL DEFENSES see Defense (Criminal procedure)

CRIMINAL EVIDENCE see Evidence, Criminal

CRIMINAL INVESTIGATION

Chetko, Andrii. [Notes of a criminal investigator.] Zapysky sluchcho. Torontio, [Kiev Printers Ltd., 1964. 127 p. (Biblioteka "My i svit")]

Further improvement of the work of the investigating apparatus. K. I. Nikitin. Sov. gos. i prav. 36 no. 1-21-31. Ap. '66

In the Central Committee of the CPSU and the Council of Ministers of the U.S.S.R. Sov. zakon. 43 no. 3-2. Mr. '66

In the Central Committee of the CPSU and the Council of Ministers of the U.S.S.R. Sov. gos. i prav. 36 no. 4-20. Ap. '66

An issue requiring legislative decision. N. Babaykin. Sov. iust. 39 no. 7-24. Mr. '66

Work organization in departments for the investigation of premeditated murders. S. Babian, I. Danylov. Rad. pravo. 29 no. 3-21-25. Mr. '66

CRIMINAL JUSTICE, ADMINISTRATION OF

In the Central Committee of the CPSU and the Council of Ministers of the U.S.S.R. Sov. iust. 30 no. 5-1-5. Mr. '66

CRIMINAL LAW

Preparation of legislative enactments and the new criminal law of the U.S.S.R. V. N. Panov. Sov. gos. i prav. 36 no. 9-15-18. S. '66

Theoretical research on the functions of Soviet criminal law. V. I. Efimov, M. I. K. Alek. Sov. gos. i prav. 36 no. 3-115-137. Mr. '66

CRIMINAL LAW—CODIFICATION

Some legal problems relating to public participation in crime prevention arising in connection with the codification of criminal law. A. S. Shlapachnikov. Sov. gos. i prav. 36 no. 9-10-15. S. '66

CRIMINAL LIABILITY

(see also subdivision under White Russia)

Criminal liability for the release of poor quality, non-standard or incomplete products. M. Mikhailov. IU. Mikhailov. Sov. iust. 30 no. 6-19-21. Mr. '66

Definition of liability under Sec. 110 and Sections 211 to 216 of the Criminal Code of the R.S.F.S.R. S. Kellina. Sov. iust. 30 no. 5-17-18. Mr. '66

Study of age-connected mental characteristics and the problem of responsibility of juvenile offenders. M. M. Babayev. Sov. gos. i prav. 36 no. 3-123-127. Mr. '66

CRIMINAL OMISSION see Omission, Criminal

CRITICAL PATH ANALYSIS

Selecting optimal designs for overall mechanization according to the critical path method. L. I. Pashenko, A. G. Moskovtsev. Stroi. i arkhit. 10 no. 5-4-7. Mr. '65

CRITICAL POINT

Density correlation near the critical point. V. Z. Patschinskii. Fiz. i khim. Zhur. eksp. i teoret. fiz. 3 no. 5-208-212. Mr. '66

Phenomenological theory of fluctuations in the near-critical state regions of multicomponent systems. N. P. Kovalevko, I. Z. Fisher. Zhur. fiz. khim. 40 no. 3-649-656. Mr. '66

CROP YIELDS

Roadside afforestation and the yield of crops. D. F. Shchegolevskii. Vest. sel'khoz. nauch. 10 no. 7-62-66. Ja. '65

CROP ZONES

Soil-geographical and agricultural zoning of the U.S.S.R. N. N. Rozov and others. Vest. sel'khoz. nauch. 11 no. 3-55-72. Mr. '65

CROPS AND CLIMATE

Agroclimatic conditions for the growth of wheat in the world's wheat growing areas. I. A. Goltshberg. Izv. Vses. geog. ob-va. 98 no. 1-10-18. Ja-F. '66

Bilukov, K. K., and P. K. Dorozhko. [Irrigation of farm crops in steppe areas.] Otschenie sel'sk Khoz. i stepnykh kul'tur v stepnykh raionakh. 2., izd., perer. Moskva, Kolos, 1965. 198 p. (DNL)

Phenology and dynamics of the aerial mass of sown grasses in the semidesert of the Shvart Steppe as affected by meteorological conditions. S. I. Aliev. Izv. AN Azerb. SSR, Ser. biol. nauk. no. 5-16-20. '65

Sharapov, N. I., and V. A. Smirnov. [Climate and the quality of the crop.] Klimat i kachestvo urozhaya. Pod red. F. F. Davitaya. Leningrad, Gidrometeoizdat, 1965. 128 p. (DNL)

CROTONIC ACID

Reaction of ethyldichlorophosphine with crotonic acid. V. K. Khalilov, A. N. Pudovik. Zhur. ob. khim. 36 no. 3-194-195. Mr. '66

CROWS see subdivision under Maritime Territory

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY

Automatic control of jaw crushers. A. I. A. Shchegolev, L. I. Logun. Stroi. i arkhit. 11 no. 3-33-35. Mr. '66

Centrifugal crusher mill and its use for grinding grog and magnesite powder. V. V. Tovarov and others. Ogneupoy. 31 no. 3-28-30. '66

Device for grinding bandings and drive rollers of ball mills with PSH-1 friction drives. I. I. Korol'kov. Energetika 14 no. 3-117-21. Mr. '66

Diagram for the remote control of mechanisms of a crushing plant. N. V. Arstutkin, V. P. Dolzhenko, G. M. Kharzov. Ogneupoy. 31 no. 2-22-25. '66

Improvement of toothed-disk crushing machines with high productive capacity. I. S. Bogorodskii, Energetika 14 no. 3-19-10. Mr. '66

Replacement of the armor plate of ball mills. U. F. Egorov. Energetika 14 no. 3-11-15. Mr. '66

Structural and operating characteristics of new jaw crushers. B. V. Khushantsev, V. I. Volkov. Stroi. i arkhit. 11 no. 3-31-33. Mr. '66

CRUSHING MACHINERY—TESTING

Determining individual static characteristics of a crushing machine by statistical methods. V. I. Buzan and others. TSvet. met. 39 no. 1-28-30. Ja. '66

Determining the forces of inertia of unbalanced masses in cone crushing machines in idle operation. V. P. Rodimov. Izv. vys. ucheb. zav. mashinost. no. 11-39-13. '65

CRUSTACEA

Possible role of mucopolysaccharides in the regulation of the peripheral nerve inhibition in Crustacea. V. G. Ovchinnikov. Izv. I. I. I. 52 no. 1-66-72. Ja. '66

CRYSTAL LATTICES

Hydrogen-bonding of metals with a face-centered cubic lattice. K. V. Popov, E. P. Nuchal. Izv. AN SSSR, M. I. no. 1-172-177. Ja-F. '66

Ways of improving the strength of high-melting compounds. P. P. Budnikov, F. I. A. Khaitonov. Pribl. met. 6 no. 3-88-95. Mr. '66

CRYSTAL OPTICS

Microcrystalloscopic reactions of anesthetics based on crystal optics. V. T. Poddanikova, D. I. Rogova. Izv. Farmats. zhur. 18 no. 6-53-56. '61

CRYSTAL OSCILLATORS see Oscillators, Crystal

CRYSTALLINE LENS

Autonomous nature of the seasonal mitotic activity of the crystalline lens epithelium in Rana lessonae. V. A. Goltshnikov, N. I. Sakharova, V. P. Purov. Dokl. AN SSSR 166 no. 5-110-112. F. '66

Results of the study of the visual organ in people working with high frequency power sources (50-600 ke.). S. I. Bolova. Trudy. I. I. I. elektromag. i rad. AN SSSR no. 2-110-121. '61

CRYSTALLINE LENS—SURGERY

Aftereffects of lens removal in the eye of the embryo of Loricaria bergi of Lake Baykal. G. V. Lopashov, A. A. Solovov, V. I. Milashov. Dokl. AN SSSR 167 no. 1-235-241. Mr. '66

CRYSTALLIZATION

(see also subdivision under Ladoga Lake region)

Amount of crystalline phase in pyroceramics of the system SiO₂-Al₂O₃-BaO-TiO₂ as dependent on the conditions of thermal treatment. G. S. Bogdanova, F. I. Orlov, L. S. Zevin. Izv. AN SSSR. Neorg. met. 2 no. 2-30-183. F. '66

Analysis of the crystallization of naphthalene-containing oils directly on the cooling agent. V. V. Legachova, D. D. Zykov, A. S. Ochot. Kuz. i khim. no. 2-29-33. '66

Ca, Sr, Ba, SO₄ system. A. G. Reisman, T. D. Zimina. Zhur. neorg. khim. 10 no. 1-2326-2328. O. '65

Catalase crystallization into tubes with macromolecular walls. B. K. Vainikun, N. A. Kiselev, V. L. Shchegolev. Dokl. AN SSSR 167 no. 1-212-212. F. '66

Certain characteristics of primary recrystallization in silicon. V. I. Novikov, V. M. Semenov, Izv. vys. ucheb. zav., chem. met. 9 no. 3-132-135. '66

Crystallization of basic aluminum sulfates. V. S. Sazhin and others. Ukr. khim. zhur. 32 no. 1-85-100. '66

Crystallization of tall coatings of T2 bacteriophage. B. F. Poglavov, S. N. Borkhachina. Biofizika 9 no. 3-388-389. '61

Determining the composition and the crystallization temperature of a ternary eutectic-type alloy in the system gallium-indium-lithium. N. P. Koroleva, A. G. Spasovskii, B. A. Fomin. TSvet. met. 39 no. 2-84-85. F. '66

Distribution of rare-earth metals and yttrium in the crystallization of zinc from molten lead. A. P. Balanov, S. P. Gurevskii, V. V. Serebrennikov. Zhur. prikl. khim. 39 no. 2-147-148. F. '66

Effect of elastic vibrations on the crystallization of metals and alloys. G. L. Pogodin-Alekseev, V. M. Gavrilov. Izv. AN SSSR, Mat. no. 1-80-101. Ja-F. '63

Effect of paramagnetic particles on the crystallization temperature of substances with a conjugation system. A. A. Beilin, Kh. M. Gafurov, V. P. Parin. Izv. AN SSSR, Ser. khim. no. 2-331-332. '66

Effect of recrystallization on the stability of structural imperfections in deformed austenite. M. E. Blanter. V. I. Kumanin. Izv. vys. ucheb. zav., Chern. met. 9 no. 3-127-131. '66

Feasibility in the system calcium tungstate and Li, Na, K chlorides. S. I. Berul', A. I. Kriukova. Zhur. neorg. khim. 10 no. 10-2329-2332. O. '65

Intraphasic stage role in the structural formation of vacuum condensates. L. S. Palatnik, G. V. Fedotov. Dokl. AN SSSR 166 no. 5-1095-1097. F. '66

Metastable equilibria in studying the crystallization processes in salts from sea water, lake brines and derived alkalies belonging to a quaternary reciprocal system of the marine type. I. U. Alibordiyev. Uch. zap. Turk. gos. un. no. 28-39-50. '64

Recrystallization diagram of high purity rhodium. E. M. Savitskii, G. E. Chuprikov. Izv. vys. ucheb. zav., tsvet. met. 9 no. 1-112-115. '66

CRYSTALLIZATION (Continued)

Recrystallization of chromium steel in conditions of high-temperature isothermal treatment. M. L. Beinshteyn, O. M. Zueva. Izv. vyz. ucheb. zav., Chern. met. 9 no. 3:140-141 '66.

Heterogeneities of crystallization and the nature of quartz glass. A. G. Bogdanov, V. S. Rudenko, G. L. Bushmina. Izv. AN SSSR Neorg. mat. 2 no. 2:363-375 F '66.

Structural transformations of synthetic cordierite. N. A. Toropov, R. S. M. Zhukauskas, F. K. Aleinikov. Izv. AN SSSR Neorg. mat. 2 no. 2:357-362 F '66.

Studying the plastic properties of technical aluminum during its crystallization from a melt. V. I. Dlatov, M. A. Abalov. Izv. AN Uz. SSR Sci. tekhn. nauk. 10 no. 1:61-66 '66.

Systems $(\text{Ni}_{1/2}\text{Ti}_{1/2})-(\text{Ni}_{1/2}\text{Ti}_{1/2})-\text{H}_2\text{O}$ (3% Ni) and $(\text{Ni}_{1/2}\text{Ti}_{1/2})-(\text{Ni}_{1/2}\text{Ti}_{1/2})-\text{H}_2\text{O}$ (2% Ni) at 25 and 50°C. P. A. Skablikovskii, Zhur. neorg. khim. 11 no. 3:675-677 Mr '66.

Theoretical study of glass crystallization by means of the method of differential thermal analysis. A. I. Sherstuk. Opt.-mekh. priro. 13 no. 2:20-33 F '66.

Thermal and physical processes of formation of cast silicate crystalline materials. I. I. Bykov, B. Kh. Khan. Izv. AN SSSR Neorg. mat. 2 no. 2:381-390 F '66.

X-ray diffraction evaluation of the products of crystallization in the systems $\text{POCl}_3 - \text{TiCl}_4$ (ZrCl_4 , HfCl_4 , SnCl_4). B. A. Votlovich, and others. Uki. khim. zhur. 32 no. 2:167-173 '66.

CRYSTALLIZATION, WATER OF

Quantity of water in the crystallization fields of potassium salts on the diagram for a five-component methane-type system. I. U. Alibabiyev. Uch. zap. Turk. gos. univ. no. 20:61-63 '64.

CRYSTALLOGRAPHY

Crystalline structure of the compounds HoAl_3 and DyAl_3 . I. I. Zolotarev, P. I. Kripakevich. Izv. AN SSSR Neorg. mat. 2 no. 2:261-268 F '66.

Crystallochemistry of minerals of the manganite-limonosylvite group. A. D. Khalilov, E. S. Makhrov. Geokhimiya no. 3:259-280 Mr '66.

Elastic anisotropy of polycrystalline condensed films. I. S. Palatnik and others. Dokl. AN SSSR 167 no. 1:77-79 Mr '66.

Formula for the Debye temperature of transversely isotropic media. F. I. Fedorov. Vestn. AN BSSR, Ser. fiz.-mat. nat. no. 1:91-98 '66.

Genesis of uranium spherulites. I. U. M. Dymkov. Atom. energ. 20 no. 3:258-263 Mr '66.

Morphological study of plastically deformed halite crystals. I. I. Afanasiev, V. A. Moklevskii. Zap. Vses. min. ob.-va. 55 no. 1:18-20 '66.

Radchenko, I. V. [Molecular physics] Molekulina fizika. Moskva, Nauka, 1965. 479 p.

Study of the electron energy spectrum in crystals. N. V. Kudryavtseva, V. A. Chaldyshev. Izv. vyz. ucheb. zav., fiz. 9 no. 1:93-100 '66.

Thermochemical study of crystal hydrates of manganous tetrafluoride and products of their dehydration. Report No. 1. E. I. Khanaev, I. U. V. Gagarinskii. Izv. SO AN SSSR no. 11 Ser. khim. nauk no. 3:63-68 '61.

CRYSTALS—GROWTH

Determining the temperature of the saturation of solutions according to a measurement of the specific electric resistance using a four-electric apparatus. Kuan Khan Khang. Vest. LGU 21 no. 0:140-150 '66.

Experimental study of the temperature field of the melt during the growth of single crystals. V. V. Kudryavtsev, O. A. Remizov, I. U. L. Aleksaev. Trudy MIIT no. 274:95-102 '66.

Rate of growth of a crystal dispersing the latent heat of crystallization by radiation. V. V. Salomatov. Izv. vyz. ucheb. zav., fiz. 9 no. 1:60-62 '66.

Surface phenomena occurring during the growing of single crystals by the Chokhralskii method. L. A. Zaruvnaya. Trudy MIIT no. 221:89-94 '65.

CUBA—AGRICULTURE—ECONOMIC ASPECTS

Social and economic changes in the agriculture of Cuba. I. Ushachev. Ekon. sel'khoz. 41 no. 2:109-112 F '66.

CUBA—DESCRIPTION AND TRAVEL

Cuban diary. Pavel Grushko. Mol. komm. no. 1:122-127 Ja '66.

CUBA—ECONOMIC POLICY

Achievements of the revolution in the development of our state. Osvaldo Dorticos Torrado. Translated from the Spanish. Kommunist 12 no. 1:100-108 Ja '66.

CUBA—HISTORY—SOURCES

Documentary materials on the history of the Cuban liberation movement. E. L. Niburg. Nov. i noveish. ist. no. 2:83-94 '66.

CUBA—INVASION, 1961

It happened on Playa Jiron. V. I. Zhukov, V. Listov. Mezhdunar. zhizn' 13 no. 4:192-201 '66.

CUBA—OCEANOGRAPHIC RESEARCH

From Sovastopol to Havana, creative cooperation of Soviet and Cuban scientists. N. P. Bolgarov. Piroda. 55 no. 3:87-90 '66.

CUBA—POWER RESOURCES

Problem of energy resources in Cuba. B. N. Semevskii. Vest. LGU 21 no. 6:72-79 '66.

CUBA—SPORTS

Fifth anniversary of the National Institute of Sports, Physical Education, and Recreation of Cuba. I. U. P. Shukov. Teor. i prakt. fiz. kul't. 29 no. 2:14-17 F '66.

CUBATURE FORMULA

Some cubature formulas on hyperspheres. G. N. Salukhov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk. 10 no. 2:37-40 '66.

CUBIC EQUATIONS see Equations, Cubic

CUCUMBERS

Yield of cucumbers and pumpkins as related to the preparation of seeds before planting. V. K. Rodionov. Vest. sel'khoz. nauki 11 no. 3:103-105 Mr '66.

CUCUMBERS—PRESERVATION

Dill pickled cucumbers and sauerkraut. M. Gurevich. Zakup sel'khoz. prod. no. 1:63-64 Ja '66.

CULTIVATED PLANTS see Plants, Cultivated

CULTIVATORS

Equations of transition functions of horizontal lateral shift of the cultivator of a mounted unit. G. S. Ioffe. Dokl. MIUSP 1 no. 5:11-13 '61.

Tilling before sowing and types of tilling implements. N. V. Skulnev, E. M. Mukhanchov. Zemledelie 28 no. 2:68-71 F '66.

CUMBERLAND DISEASE see Anthrax

CUMENE

Gas-liquid chromatography in the analysis of mixtures containing isopropylbenzene hydroperoxide. M. L. Vladavets and others. Neftekhimiya 5 no. 4:613-620 Ji-Ag '65.

Kinetics of alkylation of isopropylbenzene by propylene on an aluminum silicate catalyst at atmospheric pressure. I. M. Kolesnikov, G. M. Panchenko, E. A. Moiseev. Zhur. prikl. khim. 39 no. 2:415-423 F '66.

CUPFERRON

Titanium, zirconium, and niobium cupferronates. K. I. Kar'yabeva, L. A. Malinko, I. A. Shokn. Zhur. neorg. khim. 11 no. 3:540-547 Mr '66.

CUPOLA FURNACES

Effect of aerodynamic conditions and the size of drops on the overheating of pig iron in a cupola. A. V. Kabanov. Izv. vyz. ucheb. zav., Chern. met. 9 no. 2:122-126 '66.

CUPOLA FURNACES—EQUIPMENT AND SUPPLIES

Experience in operating a charge proportioning system. O. M. Kryzhanovskii and others. Lit. proizv. no. 2:10-17 F '66.

Proportioning cupola furnace charge materials with the help of a computer. P. M. Karpov. Lit. proizv. no. 2:6-7 F '66.

CURARELIKE SUBSTANCES

Pharmacology of the new nondepolarizing muscle relaxant cyclohexonium. D. A. Kharkovich. Farm. itoks. 20 no. 1:47-53 Ja-F '66.

Range of the therapeutic action and duration of the curariform effect of dialkylaminoalkyl curillates. L. A. Kravchuk. Farm. itoks. 20 no. 1:53-60 Ja-F '66.

CURRENTS

Some characteristics of the morphogenesis of Grossularia Mill. and Ribes L. V. L. Vilkovskii. Bot. zhur. 51 no. 1:104-114 Ja '66.

CURRENCY see Money

CURVES

Generalizing key methods for plotting proportional curves. G. I. Savitskii. Izv. vyz. ucheb. zav. mashinostr. no. 11:5-10 '65.

CUTTING MACHINES

The S-445M modernized machine for cutting reinforcement steel. S. I. Kuzhel', Stroitel. dor. mash. 11 no. 3:30-31 Mr '66.

CUTTING MACHINES—STANDARDS

Plates for cutting blades. B. S. Khomiak, V. S. Ryzheva. Standartizatsia 29 no. 12:47-40 D '65.

CYANIDES

Effect of ultrasonic on the electrodposition of copper. Part 2: Cyanide electrolyte. S. L. Uspenski, M. A. Shinger. Elektrokhiimiya 2 no. 3:355-358 Mr '66.

Process of silver electrodeposition from complex electrolytes. Part 3: Kinetics of silver discharge from cyanide electrolytes. E. A. Nechaev, R. U. Bek. Elektrokhiimiya 2 no. 2:150-154 F '66.

CYANINE DYES

Cyanine dyes of the pyrazole [2,1-b] thiazole series. F. S. Babichev, V. K. Kibirev, L. G. Khil'ko. Uki. khim. zhur. 32 no. 1:64-68 '66.

CYANOCOBALAMINE

Effectiveness of feeding piglets with vitamin B₁₂ and fodder grass. P. P. Berezhnina and others. Ispol' mikiroog v nar. khoz. no. 2:38-41 '65.

Methods of preliminary selection of micro-organisms, synthesizing vitamin B₁₂, from the rumen of cattle. I. A. Chuban. Ispol' mikiroog v nar. khoz. no. 2:15-17 '65.

Synthesis of vitamin B₁₂ and chlorotetracycline by some Actinomyces and cofactors strains. V. G. Akharyev, G. I. Smolova. Prikl. biokhim. i mikrobiol. 2 no. 1:106-109 Ja-F '66.

Use of vitamin B₁₂ in an oncological clinic. N. R. Aliluler. Vop. onk. 12 no. 2:88-103 '66.

Utilization of potato cell juice and pulp for the preparation of feed vitamin B₁₂. K. I. Parfuk, G. P. Safronov, L. G. Maslova. Sakh. prom. 40 no. 3:40-53 Mr '66.

Vitamin B₁₂ content in the serum of patients with anemio-otomatous anemia. E. A. Zhitnikova, L. G. Pavlov. Med. paraiz. i paraiz. bol. 35 no. 2:171-175 Mr-Apr '66.

CYANOETHYLATION

Cyanoethylation of aliphatic dithiocarbamates. B. S. Zimenkii'skiy. Fiz. mat. nauk. 21 no. 1:10-13 '66.

Products of cyanoethylation as insect repellents, plant growth promoting substances, and possible pesticides. A. N. Kost, L. V. Vinogradova, K. K. Bragina. Izv. vyz. ucheb. zav., khim. i khim. tekhn. 8 no. 6:663-668 '65.

CYANOGEN COMPOUNDS

Polymerization and copolymerization of tetracyanoethylene under the effect of polymers with a conjugation system. A. A. Berlin, N. G. Matveeva. Dokl. AN SSSR 167 no. 1:91-94 Mr '66.

Reaction of α -substituted γ -butyrolactone- γ -carboxylic acids with dicyanamide. G. M. Shakhmazarova and others. Izv. AN Arm. SSR. Khim. nauk. 17 no. 5:556-561 '64.

CYBERNETICS

(see also subdivision under Ukraine)

For an all-encompassing approach to the philosophical problems of the present-day natural sciences. S. I. Popov, E. N. Chasnikov. Uch. zap. kaf. mar.-len. filos. no. 5:151-150 '65.

Generalized discrete analog of the Zaddh-Ragazinski problem. P. Kovaleva. Avtom. i telemek. no. 2:37-48 '66.

Time requires. A. Berg. NTO 8 no. 2:8-9 F '66.

CYBERNETICS—ABSTRACTS

[Journal of abstracts: Cybernetics] Ref. zhur. : Kib. no. 2 F '66.

CYCLIC COMPOUNDS

Derivatives of 4(5)-oxazolone and 4(5)-thiazolone. Part 5: Synthesis of bicyclic derivatives of 4(5)-oxazolone and 4(5)-thiazolone. I. V. Smolanka, S. M. Khrapak, V. I. Stankov. Uki. khim. zhur. 32 no. 2:202-203 '66.

Synthesis and characteristics of symmetrical organotin compounds of the aliphatic-allylic series. G. F. Rubchik, Z. M. Manuilkin. Zhur. ob. khim. 36 no. 2:261-261 F '66.

Three-membered rings. Report No. 3: Taft's constants for three-membered rings. O. A. Ushakov, V. F. Bystov, R. G. Kostanovskii. Izv. AN SSSR. Ser. khim. no. 2:240-245 '66.

CYCLIC COMPOUNDS—DIPOLE MOMENTS

O-methyl ether of dimethylmethane in the reaction of 1,1-dipolar cyclo addition. V. A. Tartakovskii, and others. Izv. AN SSSR. Ser. khim. no. 2:370-372 '66.

CYCLOALKANES

Conversions of five-, six-, and seven-membered oxacyclanes in the presence of dehydrating catalysts. L. Kh. Fridlin, V. Z. Sharif, M. A. Abdov. Neftekhimiya 6 no. 4:568-568 Ji-Ag '65.

General method of synthesis of α , ω -diphenylperfluoro alkanes. E. L. Zaitseva, A. I. Akubovich. Zhur. ob. khim. 36 no. 2:359-361 F '66.

Mechanism of isomerization and dehydrogenation of cyclohexanes under conditions prevailing in the reforming process. G. V. Isagulants and others. Neftekhimiya 5 no. 4:507-511 Ji-Ag '65.

Reaction of cyclohexanes with allyl alcohol initiated by di-tert-butyl peroxide. L. Kh. Fridlin, N. M. Nazarova, D. L. Badalova. Neftekhimiya 5 no. 4:554-557 Ji-Ag '65.

Splitting of 1,3-dioxo-2-allylcyclohexanes and their oligomers by means of carboxylic acid halides. M. F. Shostakovskii and others. Izv. AN SSSR. Ser. khim. no. 2:375-376 '66.

CYCLOHEXADIENE

Chlorination products of 1,1,2,3-tetramethyl-2,4-cyclohexadiene. Part I. Separation of pure 1,1,2,3-tetramethyl-2,4-cyclohexadiene. A. M. Kulnevich, D. V. Tishchenko. Zhur.org.khim. 2 no. 3 413-417 Mr '68.

CYCLOHEXANE

Changes in the chitinous integument of the tick *Rhipicephalus bursa* Can et Fanz, 1877, under the influence of DDT and hexachloran. V. A. Musatov. Trudy Mosk. vet. akad. 22 no. 2 146-151 '68.

Condensation of vinyl chloride with alkylmonochlorocyclohexane hydrocarbons. Sh. G. Sadykhov and others. Azerb. nest. khoz. 45 no. 1 42-14 Ja '68.

Condensation of vinyl ethers with aldehydes of the Δ^3 - and Δ^6 -cyclohexene and cyclohexane series. G. P. Kugatova-Shemiakina, R. A. Poshkova. Zhur.org.khim. 2 no. 3 442-446 Mr '68.

Condensation with acetone of some alkoxy- and diene aldehydes of the cycloaliphatic series. G. P. Kugatova-Shemiakina, R. A. Poshkova. Zhur.org.khim. 2 no. 3 447-452 Mr '68.

Determination of the configuration of stereoisomeric 1-methyl-4-alkylcyclohexanes by means of spectral methods. G. N. Zhizhin and others. Neftekhimika 5 no. 4 461-467 Ji-Ag '65.

Effect of the chloran components on the solubility of γ - and α -isomers in methanol. G. M. Sitongin, M. N. Kulikova, T. A. Khupacva. Zhur.org.khim. 39 no. 2 339-403 F '66.

Kinetics of cyclohexane dehydrogenation in a gradientless system. Part 2. A. A. Andreev, D. M. Shopov, S. L. Kiperman. Kinetika, 7 no. 1 120-127 Ja-F '68.

Role of cyclohexane in the dehydrogenation and isomerization of cyclohexane under conditions prevailing in the reforming process. G. V. Isagullants and others. Neftekhimika 5 no. 4 501-506 Ji-Ag '65.

Synthesis of 3,4-benzo-1,1-dichloro-1-allylcyclohexane and some of its derivatives. A. A. Zhdanov and others. Zhur.org.khim. 36 no. 3 521-525 Mr '65.

CYCLOHEXANOL

Amination of cyclohexanol in the presence of a sintered iron catalyst under pressure of a hydrogen-ammonia mixture. G. A. Kilger and others. Neftekhimika 5 no. 4 559-572 Ji-Ag '65.

CYCLOHEXANONE

Curing of unsaturated polyester resins in the presence of cyclohexanone peroxide. Kh. V. Tsubina and others. Plast. massy no. 3 21-23 '66.

Effect of ultrasound on the catalyzed oxidation of cyclohexanone in the liquid phase. K. A. Chervinskii, V. N. Mal'tsev. Ukr.khim.zhur. 32 no. 1 69-71 '66.

CYCLOHEXENE

Role of cyclohexene in the dehydrogenation and isomerization of cyclohexane under conditions prevailing in the reforming process. G. V. Isagullants and others. Neftekhimika 5 no. 4 501-506 Ji-Ag '65.

Some conversions of compounds of the Δ^6 -cyclohexene series. G. P. Kugatova-Shemiakina, R. A. Poshkova, Z. B. Alaune. Zhur.org.khim. 2 no. 3 437-441 Mr '68.

Synthesis and pyrolysis of acetacetates and carbethoxyacetates of secondary unsaturated alcohols of the Δ^3 -cyclohexene series. G. P. Kugatova-Shemiakina, D. A. Kazlauskas. Izv. AN SSSR, Ser. khim. no. 2 293-302 '65.

CYCLOHEXYLAMINE

Methods of preparation and properties of organofluorine compounds. Part 3. Perfluoroalkylcyclohexylamines. S. I. Geradimov and others. Zhur.org.khim. 39 no. 3 532-537 Mr '65.

to Ocean)
uns on the evolution
e earth's surface.
no 4 12-13 Ap '68.

ation of the adducts of
maleic anhydride.
SSSR, Ser. khim.

of cyclopentadienyl
raniseva and others.
F '68.
cyclopentadiene ob-
rudes. K. P. Lavrov-
no. 4 520-527 Ji-Ag

oristics of gas-liquid
omers of polyalkyl-
ene compounds.
himika 5 no. 3 430-

stulated C_7 - C_{10}
ala, O. E. Morozova,
3 297-302 My-Je

Selective isomerization of poly substituted C_7 - C_{10}
cyclopentanes. F. V. Vasilev, H. K. O. E. Morozova,
M. A. Petro. Neftekhimika 5 no. 1 303-312 My-Je
'65.

CYCLOPENTENE

Catalytic dehydrogenation of 1-methyl-1-cyclopentene to methylcyclopentadienes. D. D. Tulupova, N. I. Shukhin, L. G. Ostapenko. Neftekhimika 5 no. 1 477-481 Ji-Ag '65.

CYCLOTRON

Reaction yields in the cyclotron production of Co^{57} . N. N. Krasnov, P. P. Dmitriev. Atom. energ. 20 no. 1 57-58 Ja '65.

CYLINDERS

Mandel'shteyn, V. N., and others. [Steel and cast iron pipes and cylinders, a handbook] Truby stal'nye, chugunnye i baltiny; spravochnik. Pod red. E. A. Ivanovicha. Moskva, Metallurgiya, 1966. 371 p.

Some problems of nonstationary temperature fields of cylindrical bodies. M. I. Voronin, A. V. Motavkin. Sbornik trud. MVU no. 3 22-34 '63.

CYLINDERS—THERMAL PROPERTIES

Evaluating the amount of heat lost by gases through cylinder walls under nonstationary conditions of the engine. N. F. Razletsev, Dvig. vnutr. ego. no. 1 48-54 '65.

Heating a rotating cylinder. S. F. Meshcheriakov, Samoletost. i tekhn. vozd. flota no. 4 123-127 '65.

Unsteady temperature field inside an infinite cylinder in the presence of an internal heat source. S. F. Meshcheriakov, Samoletost. i tekhn. vozd. flota no. 3 41-43 '65.

CYPRUS—POLITICS AND GOVERNMENT—BIBLIOGRAPHY

The national-liberation movement in Cyprus. T. K. Kiriakou. Vop. ist. 41 no. 3 179-183 Mr '66.

CYPRUS—TRADE UNIONS—CONGRESSES

Tenacity of the people. Vsem. prof. dvizh. no. 2 13-15 Mr '68.

CYSTICERCOSIS

Immunodiagnosis of cysticercosis in cattle and the method of evaluating the results obtained. E. S. Leikina and others. Med. paraz. i paraz. bol. 35 no. 2 137-144 Mi-Ap '68.

CYSTS

Cystlike changes in the bones in arthritis deformans. I. I. Shakov. Azerb. med. zhur. 41 no. 2 31-35 F '65.

True multiple cysts of the lobus hepatis dexter. Z. A. Taliova. Azerb. med. zhur. 43 no. 3 93-96 Mr '66.

CYTOCHROME OXIDASE

Effect of inhibitors on the change in the activity of cytochrome oxidase during early development of sea urchins. G. V. Dontsova, A. A. Neifakh. Dokl. AN SSSR 167 no. 1 215-128 Mr '66.

Large branchiogenic lateral cysts of the neck. V. A. Kostovskii. Khirurgiya 42 no. 3 96-99 Mi '66.

Materials on the study of dermoid formations. B. M. Makmudbekov, K. G. Kadymova. Azerb. med. zhur. 43 no. 1 27-31 Ja '66.

CYTOCHROMES

Effect of X-ray irradiation on the cytochrome systems of yeast organisms. N. A. Ponomareva, E. N. Mokhova, V. G. Leonova. Radiobiologiya 6 no. 1 13-16 '68.

Errors of the spectrophotometric determination of cytochromes in bacterial suspensions. L. L. Lisenkova, A. B. Loshkov. Prikl. biokhim. i mikrobiol. 2 no. 2 175-182 Mi-Ap '66.

CYTOGENETICS

Cytogenetic effect of some organochlorine insecticides on the cell nuclei of the murine marrow. D. S. Markarian. Genetika no. 1 132-137 Ja '66.

Genetic consequences of virus-cell interaction. L. A. Zil'berg. Genetika no. 2 34-40 '65.

Reduplication of messenger ribonucleic acid as one of the possible mechanisms of epigenesis. I. P. Ashunarin. Vest. LGU 21 no. 3 76-78 '66.

CYTOLOGIC DIAGNOSIS see Diagnosis, Cytologic

CYTOLOGY

Alov, I. A., A. I. Braudov, and M. E. Aspirov. [Principles of functional cell morphology] Osnovy funktsional'noi morfologii kletki. Moskva, Meditsina, 1966. 414 p.

Intracellular recording of responses from various retinal cells in frogs and axolotls. A. L. Bykov, R. Hantkash, Fiziol. zhur. 52 no. 3 250-257 Mr '66.

State of cellular elements of the parametrial and paracervical cellular tissue during preoperative radiotherapy in cancer of the cervix uteri. G. S. Kolesnikova. Med. rad. 11 no. 3 44-50 Mr '66.

Two concepts of the structure and development of cells. S. I. Shebekunov. Arkh. anat., gist. i embr. 50 no. 1 91-101 Ja '66.

CYTOLOGY—TECHNIQUE

Integrating flame photometer for the determination of Na and K content in single cells. A. B. Kaulin. Tsitologiya 8 no. 1 130-133 Ja-Je '66.

Mathematical analysis of histograms and its application in studying the dynamics of DNA synthesis in the interphase nuclei. A. I. Sheindilo. Tsitologiya 8 no. 1 120-128 Ja-Je '66.

Refrigeration thermostatic unit for studying the effect of subfreezing temperature on the cell. N. A. Golovkin, V. M. Chernyshev. Tsitologiya 8 no. 1 133-136 Ja-Je '66.

CZECH LANGUAGE—NOUN

Asymmetry of the Czech nouns which denote a person. G. P. Noshchimenko. Sov. slav. no. 2 31-40 '66.

CZECH LANGUAGE—TRANSLATING

Defense of dissociations. G. Klepčova, T. Nikolacva. Sov. slav. no. 2 128 '66.

CZECHOSLOVAKIA—BIBLIOGRAPHY

[New literature on Czechoslovakia] Nov. lit. po Cechu nos. 2-3 '66.

CZECHOSLOVAKIA—ECONOMIC POLICY

Cooperation in the light of the new program. It. Sciut. kl. Nov. vrem. 23 no. 13 11-13 Mi '66.

CZECHOSLOVAKIA—EDUCATIONAL ASSOCIATIONS

Czechoslovak pedagogical association. Vlastimil Pavlov. Sov. pedag. 30 no. 3 147-148 Mr '66.

CZECHOSLOVAKIA—GLASSWARE

Lasting and beautiful. V. Vyukov. Priroda no. 2 77-74 F '68.

CZECHOSLOVAKIA—LIBRARY SCIENCE

A joint Czechoslovak and Soviet conference on library science. Bibliotekoved. i bibl. za rub. no. 17 83-89 '65.

CZECHOSLOVAKIA—ORTHODOX EASTERN CHURCH

"Old Belief" and the Union in the Preshov Region. I. S. Shilepotaki. Zhur. Mosk. Patr. no. 3 40-46 '68.

CZECHOSLOVAKIA—RADAR, MILITARY

Only eight minutes. Jan Vitok. Sov. vojn. 47 no. 22 42-43 N '65.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA

Creative relationships between the scientists of the Academy of Sciences of the U.S.S.R. and the Czechoslovak scientists. I. N. Kiselev. Vest. AN SSSR 76 no. 1 32-36 Ja '66.

CZECHOSLOVAKIA—RELATIONS (MILITARY) WITH RUSSIA

Word to the young. Ludvik Svoboda. Sov. vojn. 47 no. 22 41 N '65.

CZECHOSLOVAKIA—VOCATIONAL EDUCATION

In the tradition of specialized schools of Czechoslovakia. G. T. Grotskala, A. M. Razygruov. Sred. shkola. 13 no. 2 43-46 F '66.

CZYWCZYNSKIE MOUNTAINS—BARITE

Barite mineralization in the Czerwczyskie Mountains of the Carpathians. O. I. Matkovskii. Min. shoi. 10 no. 1 77-80 '65.

DDT (INSECTICIDE)

Changes in the chitinous integument of the tick *Rhipicephalus bursa* Can et Fanz, 1877, under the influence of DDT and hexachloran. V. A. Musatov. Trudy Mosk. vet. akad. 22 no. 2 146-151 '68.

Mechanism of insect resistance to DDT; changes in tissue respiration in house flies (*Musca domestica*) during the increase of resistance to DDT. L. V. Aguzhinskaya, I. A. Gavriliuk. Med. paraz. i paraz. bol. 35 no. 2 212-216 Mr-Ap '66.

DACRON—THERAPEUTIC USE

Treatment of lesions of the ligamentous apparatus of the knee joint. I. R. Voronovich. Ortop., travm. i ortoz. 27 no. 3 20-35 Mr '68.

DADANTSA VALLEY—SHIREWS

Range of the short-eared water shrew. V. K. Rokhlin. Zap. Primor. fl. Geog. ob-va SSSR no. 1 167 '65.

DAGHESTAN—AMEBIASIS

Rare complications in amebiasis. I. U. A. Shamov. Azerb. med. zhur. 43 no. 2 46-50 F '66.

DAGHESTAN—CEPHALARIA

New data on the genus *Cephalaria* Schrad. A. S. Sukhtan. Zam. po sist. i geog. rast. no. 25 46-49 '65.

DAGHESTAN—COLLECTIVE FARMS—FINANCE

Intensification of agriculture and the efficiency of capital assets. N. Linkun, Sh. Mamedov. Vop. ekon. no. 2 125-130 F '66.

DEFORMATIONS (MECHANICS) (Continued)

Peculiarities of plastic deformations in the well-affected zone. B. S. Kashtan, V. K. Tsvetkov. *Avtom. i telemekh. 18* no. 2 1-7 F '65.

Rate of deformation during rolling with spread and pull. A. P. Chekmarov, I. I. Onischenko. *Izv. vuz. ucheb. zav., Chern. met.* 9 no. 3 91-97 '65.

Rate of metal flow in the center of deformation during rolling. V. F. Potapkin. *Izv. vuz. ucheb. zav., Chern. met.* 9 no. 2 72-76 '65.

Resistance to deformation of aluminum alloys in conditions of cold extrusion. L. Kh. Rakhimov, L. B. Vudilovskiy, E. G. Tomashchuk. *Tsvet. met.* 39 no. 1 75-78 Ja '65.

Roll flattening during the rolling process. Report No. 1. I. A. Tanonovskiy, S. N. Vysokovskiy. *Izv. vuz. ucheb. zav., Chern. met.* 9 no. 2 50-58 '65.

Selecting the design of fuel system pumping elements on the basis of the analysis of their deformations. V. N. Ivanov and others. *Trudy MFT* no. 208:18-24 '65.

Speed field for some cases of axisymmetric deformations of tubular billets. V. V. Savrasov. *Samoletostroi. i tekhn. vozd. nota* no. 1 115-117 '65.

Stressed state of a plastically deformable body. I. I. Petlin, M. S. Gilyangorn. *Izv. vuz. ucheb. zav., Tsvet. met.* 9 no. 1 130-133 '65.

Tube warping during roll expansion. K. F. Shchaykin, V. S. Shalkevich, F. S. Seldaliev. *Izv. vuz. ucheb. zav., Chern. met.* 9 no. 3 111-116 '65.

Using the equilibrium equation and plasticity conditions to solve problems of metalworking by pressure. V. S. Smirnov, A. K. Grigor'ev. *Izv. AN SSSR, Met.* no. 1 119-125 Ja-F '66.

Using the method of finite differences in solving the plane problem of physically nonlinear solids. R. G. Korotkiy. *Prikl. mekh.* 2 no. 3 50-57 '65.

DEFORMITIES

Relationship between the isotropic effect and chemical structure of medicinal substances, exemplified with chloridine and bigumal. A. P. Dyban, L. D. Udalova, I. M. Akimova. *Dokl. AN SSSR* 167 no. 1 228-231 Ma '66.

DEGRADATION (CHEMISTRY)

Degradation of the role played by a nonsolvent in the degradation of fibrous cellulose triacetate in an acetylating mixture. E. P. Khvatova, N. I. Klenkova, Zhur. prikl. khim. 39 no. 2 478-481 F '65.

Polybenzoxazoles, their preparation and thermal degradation. G. I. Biaz and others. *Vysokom. soed.* 8 no. 2 272-277 F '65.

DEHYDRATION (CHEMISTRY)

Chemistry of vinylacetylene. Part 53: Dehydration of tertiary vinylarylethylcarbinols in the presence of cation exchangers. S. A. Vartanian, S. K. Pimenin, R. V. Tokmadzhan. *Izv. AN Arm. SSR, Khim. nauk* 17 no. 5 513-516 '64.

Conversions of five-, six-, and seven-membered oxacyclanes in the presence of dehydrating catalysts. L. Kh. Fridlin, V. Z. Shaif, M. A. Abidov. *Neftokhimiya* 5 no. 4 558-568 Ji-Ag '65.

Dehydration of 1-pentanol on NaX-type synthetic zeolites. L. G. Rapoport and others. *Neftokhimiya* 5 no. 4 549-553 Ji-Ag '65.

Mechanism of the liquid-phase dehydration of 3-methyl-1,3-butanediol to isoprene. V. Z. Shaif and others. *Neftokhimiya* 5 no. 3 368-372 Iy-Je '65.

Study of the process of dehydration of zinc, magnesium, aluminum, zirconium, nickel hydroxides by the thermoluminescent and thermogravimetric method. V. V. Pochkravskiy, L. P. Kostin, A. G. Zverdin. *Sov. nauch. trud. Peim politekh. iissl.* no. 10 155-159 '61.

DEHYDROGENASES

Dehydrogenase activity of Actinomyces fradine at different intensities of neomycin biosynthesis. G. A. Penzikova, M. M. Levler. *Antibiotiki* 11 no. 3 213-217 Mr '66.

Dehydrogenase activity of tissues in an acute blood loss and revivification. A. M. D'akov, Z. M. Slant'eva, T. N. Prokof'akova. *Ukr. biokhim. zhur.* 38 no. 1: 95-99 '66.

DEHYDROGENATION

Catalytic dehydrogenation of γ -trialkylsilylpropyl alcohols. Part 3. G. V. Golodnikov, T. G. Shavva. *Zhur. ob. khim.* 36 no. 2 351-359 F '65.

Catalytic dehydrogenation of 1,4-butyne glycol. O. K. Bogdanova and others. *Dokl. AN SSSR* 167 no. 1 85-88 Mr '66.

Catalytic dehydrogenation of 1-methyl-1-cyclopentene to methylcyclopentadiene. E. D. Tupova, N. I. Shulkin, E. G. Ostapenko. *Neftokhimiya* 6 no. 4 477-481 Ji-Ag '65.

Kinetics of cyclohexane dehydrogenation in a gradientless system. Part 2. A. A. Andreev, D. M. Shopov, S. L. Kiperman. *Kin. i kat.* 7 no. 1 120-127 Ja-F '66.

Mechanism of isomerization and dehydrogenation of cyclohexanes under conditions prevailing in the reforming process. Q. V. Isagullans and others. *Neftokhimiya* 5 no. 4 507-511 Ji-Ag '65.

Unsteady currents in the adsorption and dehydration of methanol on a smooth platinum electrode. S. G. Bekshoevannin, I. B. Vasil'ev, V. S. Bagotshi. *Elektrokhimiya* 2 no. 2 167-171 F '65.

DELAY LINES

Characteristics equation of a delay system with periodic structure and electron flow. L. N. Loshakov. *Radioelektr. i elektronika* 11 no. 3 195-202 Mr '66.

Distortion of RF pulses in a helical delay cable. I. U. S. Belovskiy. *Trudy GPI* 20 no. 2 30-39 '64.

Rational choice of a circuit for the reproduction of variable time delay using operational amplifiers. I. A. I. Gilyan, M. K. Chernyshev. *Avtom. i telemekh.* no. 1 139-145 '65.

DELHI DOIL

Comparative study of the chemotherapeutic action of paromomycin and monomycin in experimental cutaneous leishmaniasis in white mice. N. U. Moskalenko, G. N. Peshkin. *Farm. i toks.* 29 no. 1 80-83 Ja-F '66.

DELIRIUM TREMENS

Clinical aspects of the delirious-onaloid (paraphenialike) variant of alcoholic delirium. K. G. Danielian. *Zhur. nevro. i psikh.* 65 no. 3 422-128 '66.

DELIVERY OF GOODS

(see also subdivision under Vibius)

Payments in light industry. M. Orlova, O. Gorodetskaya. *Den. i kred.* 21 no. 3 32-38 Mr '66.

Simple method for planning selective reception control. L. D. Lubetskii. *Standartizatsiya* 29 no. 12:21-27 D '65.

DELIVERY OF GOODS (LAW)

Acceptance of goods according to quality. *Sov. gos. i pravo* 36 no. 4 137-138 Ap '65.

The contract and the economic relations of enterprises. M. Palkovskiy. *Plan. khoz.* 13 no. 1 59-72 Ap '66.

Decisions of arbitration agencies. *Rad. pravo* 29 no. 3 92-93 Ma '65.

Fault as a condition of liability in delivery contracts. R. Gilyan. *Sov. iust.* 30 no. 6 7-8 Ma '66.

Procedure in establishing the number of delivered publications. A. Dribinskii. *Knizh. tvor.* 17 no. 4 61 Ap '66.

Quality of forest products in the judicial practice in state arbitration. M. Rovinskiy. *Sov. iust.* 30 no. 7 10-13 Ap '66.

Raise contractual discipline for the delivery of goods to marketing organizations. I. U. A. L'vovich. *Sov. gos. i pravo* 36 no. 1 76-81 Ap '65.

DELUSIONS see Hallucinations and Illusions

DEMINA, VERA FEDOROVNA

She gave her heart to people. Ivan Krasnobryzhiy. *Grazhd. av.* 23 no. 4 13 Ap '65.

DEMOCRACY

Soviet socialist democracy. V. Chikhvadza, V. Kotok. *Kommunist* 42 no. 5 52-61 Mr '65.

DEMURAGE (CAR SERVICE)

Increase the responsibility of organs of railway transportation for delay in transporting goods from the place of the enterprise. T. Abova. *Sov. iust.* 30 no. 7 4-5 Ap '65.

DENDROCHRONOLOGY see subdivision under Polotsk

DENMARK—MEAT INSPECTION

Some characteristics of veterinary sanitary control in Denmark. I. G. Kostenko. *Veterinarniya* 42 no. 1 104-105 Ja '66.

DENMARK—PHYSICS—RESEARCH

Scientific institutes of Denmark. B. P. Konstantinov. *Priroda* no. 2 120-122 F '65.

DENMARK STRAIT—HYDROLOGY

Results of hydrologic observations in the Denmark Strait in September-December of 1954, the 11th expedition of the "Akademik Knipovich". V. I. Pakhomov. *Mnt. i yedrokh. iissl.* Ser. 5 no. 5 99-107 '65.

DENSITOMETERS

Experience in the operation of type PZhR-2M radioloscope densitometer for liquids. I. A. K. Lutsishin. *Khim. prom.* 41 no. 11 880 N '65.

Industrial operation of the automatic EPM densitometer for the measurement of micelle density in a flow. V. O. Obmenin. *Mash. i zhtr. prom.* 32 no. 1 34-36 Ja '66.

DEPOSITS IN PIPES see Pipes, Deposits in

DEPRECIATION

Method for determining losses due to the obsolescence of agricultural machinery. N. Vlasov. *Ekon. sovet. khoz.* 41 no. 2 32-48 F '66.

DEPRESSIONS

Special features of present-day cycles and depressions in capitalist countries. S. Men'shkov. *Kommunist* 42 no. 4 110-122 Mr '66.

DERMATOLOGY

Study of the ultrastructure by desmosis of the epidermal cells. A. T. Sosnovskiy, A. A. Pichokchuk. *Dokl. AN SSSR* 10 no. 1 69-71 Ja '66.

DERMATOMYCOSIS

Serum diagnosis of dermatomycosis in Salavat. M. M. Kadyova. *Vest. dermat. i ven.* no. 6 10 '65.

DERMATOPHYTES

Anikin, A. F., and I. A. Zhodzishskiy. [Epidermophytosis, fungous skin diseases of the feet] *Epidermofitiya, gruby kroye zabolevaniya kozhi stop.* Moskva, Meditsina, 1965 10 p. (DNLM)

DESCRIPTIVE GEOMETRY see Geometry, Descriptive

DESERT CANDLE

Simple method of D-mannose isolation from desert candle roots and or child tubers. B. N. Stepanenko and others. *Prikl. biokhim. i mikrobiol.* 2 no. 1 39-41 Ja-F '66.

DESERT FLORA

(see also subdivision under Soviet Central Asia)

Shatskaya, M. G. [Some biological characteristics of the seeds of ephemerals] *Nekotorye biologicheskie osobennosti semian efemerovyykh rastenii.* Tashkent, Izd-vo "Nauka" UZSSR, 1965, 94 p.

DESERTS

Geographical and genetic regularities in the formation of desert-steppe and desert soils on the territory of the U.S.S.R. S. A. Shuvailov. *Pochvovedenie* no. 3 1-13 Ma '66.

DESIGN, INDUSTRIAL

Improvement in the design work of the fishing industry. E. P. Glinko. *Ryb. khoz.* 10 no. 8 3-5 '61.

Problem of industrial design in drilling. F. A. Shameshev, A. M. Iakovlev, A. M. L'kovlev. *Razved. i otkh. nedr.* 32 no. 1 20-23 Ja '66.

Vorob'ova, M. A. [Course in designing equipment for cement plants] *Kurs sovet. proektirovaniya po udovalyatiu taemennykh zavodov.* Moskva, Mosk. khimiko-tekhnicheskii in-t, 1965, 74 p.

DESIGN, INDUSTRIAL—STUDY AND TEACHING

"Visual" diploma projects. Inform. blud VDMK. no. 1 33 Ja '66.

DESNA VALLEY—ANTIQUITIES

Ancient settlements of the Yukhnovo type in the central Desna Valley. V. A. Padin. *Sov. arkhool.* 10 no. 2 137-150 '66.

DESORPTION

Selective desorption of sodium oleate from minerals with the purpose of their subsequent separation by flotation. V. I. Zhavoronok, S. I. Pol'vin. *Izv. vuz. ucheb. zav., Tsvet. met.* 9 no. 1 3-5 '66.

DESTOUCHES, JEAN LOUIS

Critical analysis of Jean Louis Destouches' positive deductions from the general theory of prediction. N. G. Mikhail. *Mezhvuz. filoz. iissl. abor. Kish. un.* no. 4 87-94 '64.

DESULFURATION

Problem of the quality of open-hearth pig iron. V. I. Pokryshkin, P. G. Notsenko, G. B. Rabinovich. *Stal'* 26 no. 2 110-112 F '66.

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DETONATION

Continuous detonation in a ring-shaped channel. V. V. Mikhailov, M. E. Topchilina. *Fiz. gor. i vzryva* no. 4 20-23 '65.

Sliding of detonation and shock waves along the surface of a liquid. A. A. Borisov, S. M. Kogarko, A. V. Likhovoy. *Fiz. gor. i vzryva* no. 4 31-38 '65.

DEUTERIUM OXIDE—PHYSIOLOGICAL EFFECT

Effect of D₂O on the vital staining and thermostability of frog skeletal muscles. V. I. Deshtcherovskiy, I. A. Kornilenko. *Biophysika* 9 no. 3 315-320 '64.

DEUTERIUM OXIDE—TOXICOLOGY

Toxicity of tritium oxide to rats and mice following intraperitoneal injection. V. F. Zhuravlev, P. F. Bugryshev, A. G. Istomina. *Radobiologiya* 6 no. 1 59-64 '65.

DEUTERONS

Dispersion theory of magnetic dipole photodisintegration of the deuteron. N. M. Petrov. *Fiz. gor. i vzryva* Ser. fiz. 30 no. 3 301-305 F '66.

Fission of deuterons in interaction with nuclei. E. B. Levshin. *Izv. AN SSSR, Ser. fiz.* 30 no. 2 367-370 F '66.

Scattering on a system with small binding energy, and the impulse approximation. M. A. Braun. *Vest. LGU* 21 no. 4 111-115 '66.

DEUTERONS—SCATTERING

The diagram summation method as applied to simple reactions involving deuterons. V. V. Komarov, A. M. Popova, Izv. AN SSSR, Ser. fiz. 30 no. 3:483-493 M 1966.

Diffraction scattering of deuterons by nuclei with diffuse boundaries. I. U. A. Berezhnol, Uki. fiz. zhur. 11 no. 2:117-123 F 1966.

Effect of the interior structure of a deuteron on diffraction scattering. A. G. Sitenko, I. U. A. Berezhnol, M. V. Lyubnov, Izv. fiz. 3 no. 3:521-525 M 1966.

DEUTERONS—SPECTRA

The problem of "deuteron threshold states" in light weight nuclei. V. V. Balashov, I. R. Butch, Izv. AN SSSR, Ser. fiz. 30 no. 3:470-482 M 1966.

DEXTRAN

Determination of intracellular volume and intracellular water in fodder yeasts with the help of dextran. A. S. Vachur, S. I. Khabatova, Pish. biokh. 1 mikrobiol. 2 no. 1:110-112 Ja-F 1966.

Study of dextran and some of its derivatives by means of infrared spectroscopy. V. P. Komar and others, Vysokom. sood. 8 no. 2:287-292 F 1966.

DEXTRINASES

Effect of amino acids on the dextrinase biosynthesis in an experimentally produced *Aspergillus oryzae* strain 3756/16. V. I. Kotov, S. A. Fonovalov, Mikrobiologiya 35 no. 1:20-26 Ja-F 1966.

DIABETES

Adenoma of the parathyroid gland simulating diabetes mellitus. I. R. Kayshat'vala, Klin. khir. 6 no. 4:79-80 M 1966.

Indications for the use of globin-zinc insulin in diabetes mellitus. I. M. Orudzhiev, I. A. Aliyev, Azerb. med. zhur. 43 no. 3:63-67 M 1966.

Rapid method for the determination of acetone in the exhaled air in patients with diabetes mellitus. I. U. B. Nikiforski, Izv. dolo no. 3:157-159 M 1966.

DIABETES—COMPLICATIONS AND SEQUELAE

Changes in the nervous system in diabetes mellitus. Z. Kh. Mokhteva, Azerb. med. zhur. 41 no. 12:34-38 D 1964.

D'ACHENKO, LEONID FEDOROVICH, 1903-1965

Leonid Fedorovich D'achenko; obituary. Geod. i kart. 11 no. 1:76-77 N 1965.

DIAGNOSIS

Diagnostic errors in primary lung cancer. V. M. Chelmarova, Sov. med. 27 no. 5:7-9 M 1964.

Perspectives of diagnosis of mental diseases. I. A. I. Khurgin, P. G. Nikiforova, Zh. nev. i psikh. 68 no. 3:402-403 M 1966.

Some problems of early diagnosis in lung cancer. B. K. Sharov, Sov. med. 27 no. 5:3-6 M 1964.

DIAGNOSIS, CYTOLOGICAL

Mandel'shtam, V. A., and E. A. Syndler. [Cytological diagnosis of cancer of the female genital organs.] Tsitologicheskaya diagnostika raka zhenskikh polovyykh organov. [Leningrad] Meditsina, 1966. 182 p. (Biblioteka prakticheskogo vracha) (DNLM)

DIAGNOSIS, DIFFERENTIAL

Differential diagnosis of schizophrenia and its distinction from reactive psychosis. V. D. Tilova, Prakt. psichopat. 10, 10:32-38 M 1966.

Enzymatic tests in compound examinations in Botkin's disease and obstructive jaundice. I. L. Gornomukh, B. N. Kotliashenko, Sov. med. 29 no. 2:43-47 F 1966.

Further observations in differential diagnosis of epidemic hepatitis. I. R. Dz. Shkaki, Trudy Kish. gos. med. inst. 14:27-61 M 1966.

Role of the control points of the antidromic reflex irradiation (stimulation) in the diagnosis of various forms of acute appendicitis. N. M. Novruzov, Azerb. med. zhur. 41 no. 12:35-34 D 1964.

DIAGNOSIS, FLUOROSCOPIC

Organization of and experience in the use of large-pholograph fluorography in municipal general hospitals. Kh. A. Khidmatov, Sov. med. 27 no. 5:139-141 M 1964.

DIAGNOSIS, RADIOLOGIC

Diagnostic possibilities of direct transumbilical portography in hepatic echinococcosis. T. A. Savorova and others, Eksp. khim. i med. 4 no. 4:12-40 M 1965.

Errors and difficulties in the X-ray diagnosis of tumors of the internal female sex organs. M. S. Polak, Sov. med. 29 no. 2:135-137 F 1966.

Evaluation of X-ray anatomical data for the planning of conservative surgery in cancer of the distal section of the intestine. E. V. Litvinova, L. P. Simbiseva, Azerb. med. zhur. 43 no. 3:10-23 M 1966.

X-ray expertise on the age of mummified cadavers. V. M. Smol'yaninov, S. A. Zhdanova, M. A. Kirova, Sud. med. eksp. 9 no. 1:3-7 Ja-M 1966.

D'IAKOV, ALEKSEI MIKHAILOVICH, 1896-

Aleks. Mikhailovich D'iaikov, on his seventieth birthday. I. U. V. Gantovskii, Nar. Az. i Af. 2 no. 2:221-222 M 1966.

D'IAKOV, ALEKSEI MIKHAILOVICH, 1896—BIBLIOGRAPHY see Bibliography—D'iaikov, Aleksei Mikhailovich, 1896-

DIALECTICAL MATERIALISM

Concept of dialectical logic. S. B. Tsereteli, Vop. filos. 20 no. 3:31-38 M 1966.

Dialectical materialism and present-day natural science. F. N. Kaplanchuk, Mezhd. filos. sbor. Kish. un. no. 1:159-172 M 1964.

Dialectical materialism and the laws of an objective world. A. I. Golota, Trudy Mosk. vet. akad. 22 no. 2:217-234 M 1966.

Kozlovskii, V. E. [Development of the Marxist theory of contradictions by V. I. Lenin.] Razvitiye V. I. Leningra. marksistskogo ucheniya o protivopostavlenn. Moskva, Mysl', 1966. 317 p.

[Marxism-Leninism as a theoretical basis of the building of communism.] Marksizm-Leninizm - teoreticheskaya osnova stoitel'stva kommunizma. Moskva, Vysshaya shkola, 1965. 158 p.

DIALECTICAL MATERIALISM—STUDY AND TEACHING

Let's supervise with better understanding of practices. R. Gurova and others, Nar. obr. no. 3 supplement:16 M 1966.

DIALECTICAL MATERIALISM, CATEGORIES OF

The category of interaction. R. A. Aronov, Mezhd. filos. sbor. Kish. un. no. 1:43-51 M 1964.

Necessity, chance, and probability as categories of materialist dialectics. S. N. Solomina, Uch. zap. kaf. nar.-len. filos. no. 5:71-81 M 1965.

Remarks on the characteristics and definition of "matter" as a category. V. A. Demichev, Mezhd. filos. sbor. Kish. un. no. 1:53-66 M 1964.

Zel'kina, O. S., ed. [Problems of structure in scientific knowledge.] Problemy struktury v nauchnom poznanii, sbornik statei. [Sarátov] Izd-vo Sarátovskogo univ., 1965. 131 p.

DIALYSES

Peritoneal dialysis in clinical practice; a review of literature. B. M. Khromov, O. V. Kireeva, Sov. med. 27 no. 5:55-56 M 1966.

DIAMAGNETISM

Effect of a metal chamber on the measurement of plasma parameters by means of a diamagnetic probe. L. V. Buzichko, O. S. Pavlichenko, O. M. Shveta, Atom. energ. 20 no. 1:52 Ja 1966.

DIAMONDS

(see also subdivision under Ural Mountains)

Morphology of diamond crystals synthesized in a large range of temperatures and pressures. V. A. Borzakov and others, Zap. Vses. min. ob-va 65 no. 1:3-9 M 1966.

DIAMONDS—SPECTRA

State of nitrogen impurity in natural diamonds. I. V. Sobolev, N. D. Samsonenko, S. V. Lenskaya, Izv. SO AN SSSR no. 11 Ser. khim. nauk no. 3:156-157 M 1966.

DIAMONDS, INDUSTRIAL

(see also subdivision under Lvov)

Balkov, P. P., and K. M. Manchenko. [Diamonds are machining metals.] Almazy obrabatyvayut metall. Odessa, Malak, 1965. 50 p.

Determining technical and economic efficiency of diamond grinding and tapping of hard-alloy cutting tools. R. I. A. Grinberg, Stan. i instr. 37 no. 3:33-35 M 1966.

Diamond grinding of hardened alloyed steels. R. V. Simonian, A. V. Filippov, Stan. i instr. 37 no. 3:16-21 M 1966.

Diamond grinding of shaped hard-alloy broaches. N. F. Pronkin, Stan. i instr. 37 no. 3:26-28 M 1966.

Diamond machining of cutting tools. A. D. Ivanin, S. D. Shevchenko, Stan. i instr. 37 no. 3:38-39 M 1966.

Diamond machining of cutting tools made of tool steel. V. A. Dmitriev, L. N. Zheleznikov, Stan. i instr. 37 no. 3:21-22 M 1966.

Diamond machining of hard-alloy plates for hobbing-cutting teeth. I. P. Zakharov and others, Mashinostroitel' no. 3:26-29 M 1966.

Diamond machining of nonmetallic materials. V. A. Fedotov, Stan. i instr. 37 no. 3:15-19 M 1966.

Diamond pastes. R. F. Kokhan, Stan. i instr. 37 no. 3:30-40 M 1966.

Diamonds and the areas of their use. V. M. Zubkov, Stan. i instr. 37 no. 3:4-5 M 1966.

Electrochemical diamond polishing. I. U. A. Balashov, Stan. i instr. 37 no. 3:23-25 M 1966.

Honing with synthetic diamond bars (practice of the Gorkiy Automobile Plant). I. Kh. Chepovetaki and others, Stan. i instr. 37 no. 3:20-31 M 1966.

Introducing diamond tools into the national economy of the U.S.S.R. G. M. Ippolitov, Stan. i instr. 37 no. 3:1 M 1966.

Machining cast-iron parts with synthetic diamond wheels. E. A. Shidova, V. V. Gorskho., Stan. i instr. 37 no. 3:10-11 M 1966.

Machining parts with diamond tools. M. M. Ioffe, Stan. i instr. 37 no. 3:11-15 M 1966.

Manufacture of diamond tools by powder rolling. O. A. Katus and others, Pish. i med. 6 no. 1:81-81 Ja 1966.

Selecting conditions for diamond grinding by temperature criterion. N. S. Degtareva, A. S. Kamenkovich, Stan. i instr. 37 no. 3:23-28 M 1966.

Straightening abrasive wheels with diamond rollers. V. V. Avakian, Stan. i instr. 37 no. 3:31-33 M 1966.

Use of synthetic diamond tools at the Moscow Small Automobile Plant. T. P. Roshinskaya, Stan. i instr. 37 no. 3:35-36 M 1966.

Use of synthetic diamonds in repairing engines. V. Bolinskii, Tekh. v sovkhoz. 26 no. 3:68 70 M 1966.

Using diamond wheels based on organic bonding. S. A. Popov, G. A. Shchuk, N. P. Malevskii, Stan. i instr. 37 no. 3:7-11 M 1966.

DIAMONDS, INDUSTRIAL—TESTING

Physicochemical properties of diamonds. M. T. Kaminskii, Stan. i instr. 37 no. 3:6-7 M 1966.

DIA PAUSE

Akademiya nauk SSSR. Institut morfologii zhivotnykh. [Ecology and physiology of the diapause of Colorado beetle (*Leptinotarsa decemlineata* Say.)] Fiziologiya i fiziologiya diapauzy koloradskogo zhuka (*Leptinotarsa decemlineata* Say.). Moskva, Nauka, 1966. 262 p.

DIA PHRAGM—HERNIA

Parasternal diaphragmatic hernia. K. T. Ovnatanian, L. G. Zaygorodnii, Khirurgiya 12 no. 3:38-40 M 1966.

Two cases of diaphragmatic hernia. V. A. Iskenderov, Izv. AN Azerb. SSR, Ser. biol. nauk no. 5:124-130 M 1965.

DIA PHRAGMS (MECHANICAL DEVICES)

Russia (1923— U.S.S.R.). Gosudarstvennyi komitet standartov, ucheb. i lyubitel'skyye pribory. [Album of graphs for regulations 28-64 on the measurement of the consumption of liquids, gases and vapors with standard diaphragms and nozzles.] Album grafov k pravilam 28-64 izmereniya rashoda zhidkostei, gazov i parov standartnyimi diafragmami i soflami. Izd. ofitsial'nogo Moskva, Izd-vo Standartov, 1964. 148 p.

DIALTHERMY

Incidence of distortions of the talocrural joint and their treatment with diadynamic current. G. F. Perepelitsa, N. A. Kuz'min, Klin. khir. 6 no. 5:59-61 M 1966.

Short-wave diathermy in the treatment of postoperative pneumonia in patients with chest diseases. F. G. Uglov, M. G. Perkina, A. M. Iakovleva, Klin. khir. 6 no. 5:3-6 M 1966.

DIATOMS see subdivision under Schirmacher Ponds, Antarctica

DIAZO COMPOUNDS

Structure and transformations of aromatic diazo compounds. Part 33: Existence of isomeric diazo compounds. B. A. Porai-Koshits, V. V. Shabunov, Zhur. org. khim. 2 no. 3:510-510 M 1966.

DICHROISM

Circular dichroism and the sequence of nucleotides in nucleic acids. G. D. Zavil'gelskii, T. V. Venkatsen, A. A. Baev, Dokl. AN SSSR 166 no. 4:978-981 F 1966.

Electrical dichroism of oxidized hydrosols of Congo red. V. V. Karabakov, Koll. zhur. 28 no. 1:89-92 Ja-F 1966.

DICHOITE see Cordierite

DICROMATES

Polarographic reduction of dichromate ions on a rotating platinum electrode with hydrochloric acid as the support. N. M. Miltaeva, S. T. Orlovskii, O. A. Songina, Zhur. anal. khim. 21 no. 2:153-158 M 1966.

DICKENS, CHARLES, 1812-1870

Expression of the storyteller's views in the literary works of Dickens. E. I. Klimenko, Vest. LGU 20 no. 2:128-137 M 1965.

DIE CASTING

Analytical calculation of the rate of mold filling in pressure casting of reinforced parts. A. K. Beloukhov, M. L. Zaslavskii, Izv. vyz. ucheb. zav., mashinostroitel' no. 11:150-156 M 1966.

Drop forging thin-walled parts of liquid steel. L. A. Zubov, Lit. protizv. no. 2:39-40 F 1966.

Increasing the density and strength of low-alloy steel during crystallization under pressure. P. N. Bldudov, V. I. Saryanin, S. S. Isakov, Izv. vyz. ucheb. zav., Chern. met. 9 no. 3:167-170 M 1966.

DIE CASTING—EQUIPMENT AND SUPPLIES

- Device to determine the speed of a pressing piston M. I. Zaslavskii, Lit. proizv. no. 238-39 F '65
- Universal mold for die casting of end caps, N. D. Boev, V. G. Druhin, Mashinostroitel' no. 3:17 Ja '66

DIELECTRIC CONSTANT

- Dielectric constant of emulsions with nonspherical shape of dispersed particles I. U. Klugman, Koll. zhur. 28 no. 151-53 Ja-F '66
- Effect of the inhomogeneity of the dielectric constant on the characteristics of self-oscillations in resonators, T. I. Kuznetsova, Zhur. tekhn. fiz. 38 no. 1:53-66 Ja '66

DIENCEPHALON

- Diencephalic disorders following prolonged effect of an ultrahigh frequency magnetic field, V. N. Gurev, Trudy LIETIN no. 18:121-127 '65

DIENCEPHALON—DISEASES

- Characteristics of changes in the cardiovascular activity in patients with the diencephalic syndrome, P. A. Makhovskii, I. I. Postnova, Trudy LIETIN no. 18: 67-68 '65
- Clinical characteristics of disorders of the emotional sphere in infectious lesions of the diencephalon, A. I. Katkovnikov, Zhur. nevrolog. 66 no. 3:381-385 '66
- Disorders of sensitivity in the clinical aspects of diencephalitis, S. A. Novinskaya, I. I. Shogam, Zhur. nevrolog. 66 no. 3:386-391 '66
- Rakhimdzhanov, A. R. [Diencephalic pathology in rheumatism] Diencefal'naya patologiya pri revmatizme, Tashkent, Izd-vo "Meditsina" UzSSR, 1965, 183 p. (DNLM)

DIES (METALWORKING)

- Basic factors in the effectiveness of the shot peening treatment of forging dies, S. A. Doman, Dokl. AN BSSR 10 no. 2:101-104 F '65
- Composite die, A. M. Gaev, I. U. P. Vedmed', V. I. Dubina, Mashinostroitel' no. 3:21 Ja '66
- Electric spark method of manufacturing precision blanking dies with unground electrodes, V. P. Simoniats, Elek. obrab. 1 no. 1:85-89 '65

DIESEL ENGINE EXHAUST GAS

- Determining the degree of the smoking at the exhaust of a tractor diesel engine, M. A. Kutchev, Dokl. MISP 1 no. 2:65-67 '64
- Using a diesel engine in electric welding, A. Mansurov, Izobr. i izv. no. 2:26 '66

DIESEL ENGINE INDUSTRY—MANAGEMENT

see sub-division under Khabirovsk

DIESEL ENGINES

- Heat-balance characteristics of the gas-outlet system of a diesel engine, A. A. Vvedenskii, Dokl. MISP 1 no. 2:57-64 '64
- Our method to improve the performance of the compressor of series D diesel tractors, I. V. Portulagin, Elek. i tepl. 11 no. 12:24-25 D '65
- Pochtarev, N. F. [High-speed four-stroke diesel engines] Bystrokhodnye chetyrekhkhodnye dizeli, Moskva, Voenizdat, 1955, 210 p.
- Problems of the furnishing of diesel engines for railroad traction, I. Zeguesku, K. Popescu, Trudy MIIT no. 208: 101-107 '65

DIESEL ENGINES—COOLING

- Heat-balance characteristics of an air-cooled diesel engine, A. A. Vvedenskii, Dokl. MISP 1 no. 2:47-55 '64

DIESEL ENGINES—ELECTROMECHANICAL ANALOGIES

- Using an electronic model in investigating transient conditions of a high-speed diesel engine, I. A. Labun, Izv. vuz. ucheb. zav., mashinost. no. 12:45-50 '65

DIESEL ENGINES—FUEL SYSTEMS

- Calculating the fuel feed process in diesel engines, B. I. A. Khmelik, Dvig. vnutr. sgor. no. 1:82-88 '65
- Investigating the performance of a diesel engine operated with a watered fuel emulsion, L. V. Sergeev, Izv. vuz. ucheb. zav., mashinost. no. 12:57-61 '65
- Motion of the flame of atomized fuel in a vortex flow, A. D. Guriland, Dvig. vnutr. sgor. no. 1:41-47 '65
- Selecting optimal phases of gas distribution in the operation of a diesel locomotive engine by the generator characteristics, N. I. Tsvetkova, L. V. Stenislavskii, Dvig. vnutr. sgor. no. 1:38-23 '65
- Specified calculation of gas exchange in four-stroke engines, V. A. Zvonov, Dvig. vnutr. sgor. no. 1:3-10 '65
- Stepless regulation of the lead angle of fuel injection, M. Fiksai, Tekhn. v sel'khoz. 26 no. 3:59-61 Ma '66
- Varlamov, A. V. [Fuel equipment of diesel tractors] Toplivnaya apparatura dizel'nykh traktorov, [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1963, 76 p. (V pomoshch' molodomu mekhanizatoru) [MICROFILM]

DIESEL ENGINES—IGNITION

- Period of self-ignition delay during the diesel-fuel and gasoline diesel-fuel processes, A. G. Sakharov, Dokl. MISP 1 no. 2:5-20 '64

DIESEL ENGINES—MAINTENANCE AND REPAIR

- Causes of crack formation in the piston holders of 2D100 diesel engines, K. I. Dombrovskii, K. A. Grekov, Vest. TSNI MFS 25 no. 2:25-27 '66
- Repairing cylinder heads of the D-37M engine, N. Pokidko, Tekhn. v sel'khoz. 26 no. 2:67-70 F '66
- Repairing seats of the crankshaft bearings of truck and tractor engines, M. Melkov, A. Pashennyykh, Tekhn. v sel'khoz. 26 no. 3:68-70 Ma '66
- Running-in of engines without a fuel pump, V. Zinovlev, Tekhn. v sel'khoz. 26 no. 1:81-82 Ja '66
- Stands and apparatus for repairing fuel systems, V. Antipov, Tekhn. v sel'khoz. 26 no. 2:76-77 F '66
- Use of synthetic diamonds in repairing engines, V. Belinskii, Tekhn. v sel'khoz. 26 no. 3:68-70 Ma '66

DIESEL ENGINES—STARTING DEVICES

- Protection of the starting relay against spontaneous switching, N. A. Korikov, Elek. i tepl. 11 no. 3:30 Ma '66

DIESEL ENGINES—SUPERCHARGERS

- Auxiliary diagrams for determining the parameters of gas-turbine superchargers under nonsteady operating conditions of a combined engine, I. A. M. Shcheglov, Dvig. vnutr. sgor. no. 1:32-10 '65
- Effect of the temperature of supercharging air on the operating conditions and basic indices of a diesel locomotive engine, N. F. Razleitsev, Dvig. vnutr. sgor. no. 1:24-31 '65
- Results of the study of the modification of the V-30 tractor engine with a turbocharger, S. M. Muzkova, V. I. Bityov, V. I. Lazhukenko, Trakt i sel'khoz. mash. no. 3:8-10 Ma '66
- Some results of the experimental investigation of transient processes in a turbocharged diesel engine, V. I. Krutov, V. I. Shatov, Izv. vuz. ucheb. zav., mashinost. no. 12: 51-56 '65
- Studying the thermal conditions of the D-37E engine with a turbocharger, G. M. Poyekh, G. A. Mikulize, Trakt i sel'khoz. mash. no. 3:3-5 Ma '66

DIESEL ENGINES—TESTING

- Experimental determination of mechanical losses of the piston group of a diesel engine, G. M. Ryk, Dvig. vnutr. sgor. no. 1:85-95 '65
- Investigating the D-37M diesel engine with direct injection in case of diesel-fuel processes, A. G. Sakharov, Dokl. MISP 1 no. 2:29-45 '64
- Investigating the SMD-14 turbocharged diesel engine in case of diesel-fuel and gasoline diesel-fuel processes, A. G. Sakharov, Dokl. MISP 1 no. 2:21-28 '64
- Some results of investigating the dynamics of models of the type and dimensional series of D49 standardized engines, V. I. Kaplan, Izv. vuz. ucheb. zav., mashinost. no. 11:91-95 '65

DIESEL FUELS

- Regulation of the viscosity of heavy fuels, L. P. Ivanov, Sudostroenie 56 no. 2:35-37 F '66
- Studying the working process of a low-speed diesel operating on high-viscosity fuels, V. Hot'shnikov, Mor. flot 26 no. 2:28-29 F '66

DIESEL LOCOMOTIVES

- Bogolavenskii, V. N. [Design of electric traction motors for diesel locomotives; lecture for students of the 5th year studying "Diesel locomotives, their operation, maintenance and repair"] Raschet tsihlogovogo elek. dvigatelya dlia teplovozov, lektsiia dlia studentov V kurena spetsial'nosti "Teplovozy i teplovoznoe khoziaistvo", Moskva, Vses. zapchnyi in-t inzhenerov zhelezn. transporta, 1964, 26 p. [MICROFILM]

- Development of diesel traction on the railroads of the U. S. S. R., N. A. Furianskii, A. N. Guba, Elek. i tepl. 11 no. 3:37-38 Mr '65
- [TE3 diesel locomotive] Teplovoz TE3, Transport, 1966, 130 p. fold, diagr. (insert)

- Selection of a type of diesel locomotive for maneuvering in the organization of operating work and station planning, I. A. F. Grinenko, A. B. Kaplan, Trudy MIIT no. 2:16-137-148 '66
- Series ChME3 switching diesel locomotive, V. V. Efremov, Elek. i tepl. 11 no. 3:13-14 D '65

- There is no need for preheater-boilers on TEP60 diesel locomotives, V. D. Sirotenko, V. S. Kostuk, Elek. i tepl. 11 no. 3:20-21 D '65

DIESEL LOCOMOTIVES—COLD WEATHER OPERATION

- Effect of low temperature on the performance of 2D100 diesel locomotives, A. A. Poldin, N. M. Khulorinskii, Elek. i tepl. 11 no. 3:10-28-30 '65

DIESEL LOCOMOTIVES—COOLING

- Evaluation of the efficiency of diesel locomotive cooling systems and their technical and economic comparison, N. I. Panov, A. P. Treil'akov, I. A. A. Roznik, Trudy MIIT no. 208:182-188 '65

- Modified design of the clutch sleeve of the cooler fan, V. V. Alonin, G. E. Istaitenkov, Elek. i tepl. 11 no. 3:18 O '65

- Some factors affecting the heat transmission in water-and-oil heat exchangers, N. I. Panov, A. P. Treil'akov, I. A. Kravets, Trudy MIIT no. 208:133-145 '65

- Studying the systems of automatic water and oil temperature regulation in diesel locomotive engines, N. M. Lukov, Trudy MIIT no. 208:160-169 '65

- Testing and thermal air pressure regulator for automatic temperature regulating systems, N. M. Lukov, Trudy MIIT no. 208:146-159 '65

- Ways to improve diesel locomotive coolers, N. I. Panov, A. P. Treil'akov, Elek. i tepl. 11 no. 3:27-30 D '65

DIESEL LOCOMOTIVES—DESIGN AND CONSTRUCTION

- Modified support of the reverse driving shaft of TGM diesel locomotives, M. E. Filippov, Elek. i tepl. 11 no. 3:12-24 D '65

DIESEL LOCOMOTIVES—ELECTRIC DRIVING

- Using an electronic modeling system in studying the electric driving of diesel locomotives with mixed excitation traction engines, I. P. Borodulin, Trudy MIIT no. 208: 42-50 '65

DIESEL LOCOMOTIVES—ELECTRIC EQUIPMENT

- Effect of the outside air temperature on the heating of the armature windings of the electric traction machines, V. D. Kuz'mich, Trudy MIIT no. 208:72-74 '65
- Improved electric circuit of the latest model TE3 diesel locomotive, I. U. S. Kamnitsaev, Elek. i tepl. 11 no. 3:10-22-23 O '65
- Operation of the contactless power regulator, S. M. Andreev, Elek. i tepl. 11 no. 3:16-17 Ma '66
- Parallel connection of storage batteries in the starting circuit of 2D100 diesel locomotives, V. G. Kononov, Elek. i tepl. 11 no. 3:27-28 Ma '66
- Selecting the circuit connecting the output diode with the load, A. A. Budnikskii, Trudy MIIT no. 208:95-100 '65
- Transistorized reverse current relay, K. I. Rudskii, E. M. Grigor'ev, Trudy MIIT no. 208:91-94 '65

DIESEL LOCOMOTIVES—EQUIPMENT AND SUPPLIES

- Increasing the reliability of the work of diesel engine bearings of diesel locomotives, N. A. Bashe, V. A. Dvorkina, I. L. Natsikh, Vest. TSNI MFS 25 no. 2:21-29 '66

DIESEL LOCOMOTIVES—FIRES AND FIRE PREVENTION

- New circuit of the automatic fire extinction system for series TEP10 diesel locomotives, I. A. Pangel'd, A. A. Odopozov, Elek. i tepl. 11 no. 3:26-28 D '65

DIESEL LOCOMOTIVES—FUEL SYSTEMS

- Analyzing the elastic deformations of the pumping elements of diesel engine fuel systems, V. N. Ivanov, N. P. Ustinov, G. I. Levin, Trudy MIIT no. 208:4-17 '65
- New method of improving fuel feed to the 2D100 diesel engine, N. P. Ustinov, N. K. Prozorov, Trudy MIIT no. 208:38-41 '65
- Selecting the design of fuel system pumping elements on the basis of the analysis of their deformations, V. N. Ivanov and others, Trudy MIIT no. 208:18-24 '65
- Ways to improve the performance of fuel systems, A. I. Reimpel', I. A. Norkin, Elek. i tepl. 11 no. 3:15-16 O '65

DIESEL LOCOMOTIVES—HYDRAULIC DRIVE

- Analyzing and determining the optimum parameters of the joint work of engine and hydraulic power plant systems of locomotives, I. F. Semichastnov, E. M. Bykov, S. S. Golovanov, Trudy MIIT no. 208:108-127 '65

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

- Diesel engine died out when the train was ascending a gradient, A. I. Bykovskii, Elek. i tepl. 11 no. 3:12-34 D '65
- Earth faults in the traction engine of TE3 diesel locomotives, B. I. Kuznetsov, Elek. i tepl. 11 no. 3:29-30 Mr '66

- Kolomonskii teplovozostraitel'nyi zavod, [TEP60 diesel locomotive, operating and maintenance manual] Teplovoz TEP60, ukovodstvo po ekspluatatsii i obsluzhivaniu, Moskva, Transport, 1966, 183 p. diagr. (insert)

- Operation of diesel locomotives with lengthened overhaul life, A. I. Chikhrazade, V. P. Grebennikov, Sh. D. Fakhar-dynov, Elek. i tepl. 11 no. 3:12-15 D '65

- Reconditioning of diesel locomotive parts by means of electrolytic iron deposition, I. D. Fedorov, Elek. i tepl. 11 no. 3:12-13 D '66

- Simple and reliable method of regulating the volume of the compression chamber of ED100 diesel engine cylinders, P. A. Chuprina, S. M. Shapshalov, Elek. i tepl. 11 no. 3:13-14 O '65

- Simple method for setting the angle of advance of the lower crankshaft of 2D100 diesel locomotive engine, N. A. Kap-lun, Elek. i tepl. 11 no. 3:16-17 D '65

DIESEL LOCOMOTIVES—SKIDDING

- Analysis of the system of skidding prevention on diesel locomotives with mixed excitation type traction engines, G. M. Kovner, I. P. Borodulin, Trudy MIIT no. 208:51-60 '65
- Device for the regulation of the skidding relay, A. V. Kostenko, Elek. i tepl. 11 no. 3:19 Mr '66

DIESEL LOCOMOTIVES—SPRINGS AND SUSPENSION

Effect of the traction engine armature on the dynamics of the supporting and suspension system. B. L. Reznikov. Trudy MII no. 208:170-181 '65.

DIESEL LOCOMOTIVES—TESTING

Effect of the fuel pump sleeve deformation on the operative efficiency of the engine plunger pair of ChME2 diesel locomotives. A. I. Il'in, V. P. Skepski. Trudy MII no. 208:25-37 '65.

Technical and economic efficiency of the use of indirect excitation-type traction engines on TE3 diesel locomotives. V. V. Deev. Trudy MII no. 208:61-68 '65.

DIESEL LOCOMOTIVES—TRANSMISSION DEVICES

Studying hydraulic torque transformers with switching to direct transmission. S. S. Golovanov. Trudy MII no. 208 126-132 '65.

DIESEL LOCOMOTIVES—VENTILATION

Selecting the cooling air intake system for the ventilation of the main generators on diesel locomotives. V. D. Kuz'mich. Trudy MII no. 208:67-71 '65.

DIET IN DISEASE

Effect of diet with an increased protein content on the course of chronic pancreatitis. S. A. Tuzhilin. Sov. med. 29 no. 144-49 Ja '66.

Therapeutic effect of a diet containing seafood in coronary atherosclerosis. T. G. Paramonova and others. Sov. med. 29 no. 2:11-15 F '66.

DIFFERENCE EQUATIONS

The direct and inverse scattering problems for a partial difference equation. M. S. Eskina. Dokl. AN SSSR 166 no. 4:809-812 F '66.

Method of characteristics for solving a kinetic equation. V. I. Lebedev. Zhur. vych. mat. i mat. fiz. 6 no. 2:251-275 Mi-Ap '66.

Uniform convergence of certain difference schemes. V. B. Andreev. Zhur. vych. mat. i mat. fiz. 6 no. 2: 239-250 Mi-Ap '66.

DIFFERENTIAL CALCULUS see Calculus, Differential

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

DIFFERENTIAL EQUATIONS

Akademiya nauk Tadzhikskoi SSR, Dushanbe. Fiziko-tekhnicheskii institut. [Studies on boundary value problems in the theory of functions and differential equations] Issledovaniya po kraevym zadacham teorii funktsii i differentsial'nykh uravnenii. Dushanbe, Izd-vo Akad. nauk Tadzhikskoi SSR, 1965. 126 p.

Akademiya nauk Uzbekskoi SSR. Tashkent. Institut matematiki [Theory of functions and differential equations] Teoriya funktsii i differentsial'nykh uravnenii. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR, 1965. 217 p.

Approach of two points in a central force field. Z. N. Pak. Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk 4 no. 1: 98-101 Ja-Mr '66.

Asymptotic behavior of Green's functions at $t \rightarrow +\infty$ for equations correct according to Potapovskii. B. A. Iskenderov, M. V. Fedoruk. Vest. Mosk. un. Ser. I. Mat., mekh. 21 no. 2:34-39 Mi-Ap '66.

Concerning some applications of integral methods to the analysis of the development of oil and gas layers. P. M. Belash, E. Chen-Sin. Trudy MINKHGP no. 58:3-27 '65.

Derivation of solutions, analytic with respect to the parameter, to an infinite system of differential equations. V. G. Brodovskii. Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk 4 no. 1:84-94 Ja-Mr '66.

Difference schemes of a high order of precision for systems of differential equations of the first order. L. S. Frank. Vest. Mosk. un. Ser. I. Mat., mekh. 21 no. 2:26-33 Mr-Ap '66.

Differential equations in functional derivatives and stochastic equations for generalized random processes. I. U. Daletskii. Dokl. AN SSSR 166 no. 5:1035-1038 F '66.

Division of differential equations of the discrete method by combining it with other methods of the solution of problems in the theory of elasticity. L. P. Vlnokurov. Samoletostroi. i tekhn. vozd. flota no. 4 23-28 '65.

Equations of transition functions of horizontal lateral shift of the cultivator of a mounted unit. G. S. Ioffe. Dokl. MISP 1 no. 5:41-43 '64.

Equations, transmission functions and structural diagrams of digesters with periodic action. I. S. Podbelko. Trudy LITTSBP no. 17:170-179 '65.

Existence of almost periodic solutions to systems close to Liapunov systems. I. Tazhimuratov. Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk 4 no. 1:102-108 Ja-Mr '66. A free-boundary problem for a parabolic equation. Nguyen Dinh Thi. Vest. Mosk. un. Ser. I. Mat., mekh. 21 no. 2:40-54 Mr-Ap '66.

Fundamental properties of nonlinear focusing. V. V. Vecheslavov, I. U. F. Orlov. Atom. energ. 20 no. 2: 112-117 F '66.

Integrability in univalent functions of the equations of motion of a rigid body about a fixed point in a Newtonian force field. V. S. Sergeev. Vest. Mosk. un. Ser. I. Mat., mekh. 21 no. 2:90-93 Mr-Ap '66.

Krasnosel'skii, M. A. [Displacement operator over the trajectories of differential equations] Operator sdviga po traektoriiam differentsial'nykh uravnenii. Moskva, Nauka, 1960. 331 p. (Sovremennye problemy matematiki)

Liapunov's function for equations of a electrical system with conservative identification. M. A. Tagirov. Izv. AN SSSR. Energ. i transp. no. 1:167-168 Ja-F '66. Method for solving telegraph equations with discontinuous coefficients. L. F. Shum. Vest. AN BSSR, Ser. fiz.-mat. nav. no. 1:36-15 '66.

Mladov, A. G. [Systems of differential equations and Liapunov stability of motion] Sistemy differentsial'nykh uravnenii i ustoychivost' dvizheniya po Liapunovu. Moskva, Vysshaya shkola, 1966. 223 p.

Numerical method for the analysis of nonstationary processes of automatic control systems using differential equations of a high order. M. S. Mansurov. Izv. vyzn. ucheb. zav., elektromekh. 9 no. 2:187-199 '66.

One system of differential equations. K. P. Peraldeki. Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk 4 no. 1:64-70 Ja-Mr '66.

Solution of the dispersion equation for a linearized Boltzmann equation in the kinetic theory of rarefied gases. A. A. Arsen'ev. Zhur. vych. mat. i mat. fiz. 6 no. 2:375-380 Mi-Ap '66.

Some criteria of the boundedness of solutions to differential equations in Hilbert space. I. U. Domashak, A. Chaiyev. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 6:16-24 '65.

Some optimality conditions for systems with distributed parameters. A. I. Egorov. Mat. sbor. 69 no. 3:371-421 Mr '66.

Stability of Galerkin's method for non-stationary problems. M. A. Valiev. Trudy vych. tsentra AN Azerb. SSR 3:10-71 '65.

Studying a certain system of ordinary differential equations with three points of equilibrium. N. N. Koshkov. Trudy LITTSBP no. 17:271-274 '65.

Studying the direct regulation of digesters with periodic action and direct heating. I. S. Podbelko. Trudy LITTSBP no. 17:190-192 '65.

Uniqueness of weak solutions to differential equations in Banach space and the convergence of successive approximations. I. U. G. Boilevich. Funkt. anal. i teor. funk. no. 1:3-12 '63.

Use of Chaplygin's method for solving parabolic differential equations with delayed argument in Banach space. S. Ashirov. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 5:8-15 '65.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Behavior of the boundary cycles of differential equations. M. G. Khandal-Verenov. Uch. zap. Turk. gos. un. no. 28: 5-10 '64.

Boundary estimates of the Schauderian solution to a problem with an oblique derivative for a parabolic equation in a noncylindrical region. L. I. Kamyshin, V. N. Maslennikova. Sib. mat. zhur. 7 no. 1:83-128 Ja-F '66.

Determining the thermophysical characteristics of materials as functions of the temperature. G. A. Sukov. Dokl. AN BSSR 10 no. 1:22-25 Ja '66.

Estimates of solutions to the first boundary value problem for parabolic equations of higher order. L. A. Guseinov. Dokl. AN SSSR 166 no. 4:767-770 F '65.

Existence and uniqueness of solutions to certain boundary value problems for ordinary differential equations of the n -th order. E. S. Chichik, Funkt. anal. i teor. funk. no. 1:111-121 '63.

A high-order Cauchy problem in Banach space. R. Khabulov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 2:16-20 '66.

Intermediate asymptotic solutions to boundary value problems for the nonlinear heat conductivity equation. N. V. Khushnudinova. Funkt. anal. i teor. funk. no. 1: 108-113 '63.

Numerical solution of the Lavrent'ev-Bitsadze problem in a multiply-connected region. F. A. Tagiev. Trudy Vych. tsentra AN Azerb. SSR 3:72-84 '65.

Polynomial solutions of a system of differential equations in the states of the theory of elasticity. B. A. Bondarenko. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 1:3-11 '66.

A problem for a hypoelliptic equation. V. N. Nikolenko, I. Kh. Khairullin. Funkt. anal. i teor. funk. no. 1:72-82 '63.

A Riemann-Hilbert problem for an elliptic system of equations of the first order degenerate at the boundary. S. A. Teisenov. Sib. mat. zhur. 7 no. 1:167-191 Ja-F '66.

Some theorems bearing on the solutions to a problem in meteorology. G. V. Demidov. Dokl. AN SSSR 166 no. 4:771-774 F '66.

Stabilization of solutions to boundary value problems and the Cauchy problem for quasi-linear equations. N. V. Khushnudinova, V. N. Monakhev. Funkt. anal. i teor. funk. no. 1:98-107 '63.

Study of the deficiency of Cauchy's abstract problem. I. I. Ljubic. Dokl. AN SSSR 166 no. 4:783-788 F '66.

Theory of parabolic potentials. B. A. Lipko, S. D. Eidel'man. Dokl. AN SSSR 166 no. 5:1050-1053 F '66.

Unsteady free convection in a bounded region. P. S. Cherniakov. Zhur. vych. mat. i mat. fiz. 6 no. 2:288-303 Mr-Ap '66.

Use of bi-integrals in the approximate solution of boundary value problems for ordinary differential equations. Kh. Dudyev. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 5:25-32 '65.

DIFFERENTIAL EQUATIONS—NUMERICAL SOLUTIONS

Modification of the gradient method with minimum discrepancies. V. S. Kur'min, E. Chen-Sin. Trudy MINKHGP no. 58:133-135 '65.

Numerical solution of hyperbolic equations and systems of equations by a Runge-Kutta type method. Part 2. Nguyen Hong Thim. Vest. AN BSSR, Ser. fiz.-mat. nav. no. 1:60-66 '66.

DIFFERENTIAL EQUATIONS, ELLIPTIC

Some theorems on the qualitative behavior of solutions to elliptic equations of higher order. Mohammed I. Hassan. Vest. Mosk. un. Ser. I. Mat., mekh. 21 no. 2: 52-67 Mi-Ap '66.

Use of Galerkin's method in the integration of nonlinear elliptic differential equations of the second order. E. I. Kucherenko. Funkt. anal. i teor. funk. no. 1:51-55 '63.

DIFFERENTIAL EQUATIONS, ELLIPTIC—BOUNDARY VALUE PROBLEMS

Generalized Green's matrices in boundary value problems for a system of elliptic equations. Nguyen Thua Hop. Dokl. AN BSSR 10 no. 1:7-10 Ja '66.

Method for solving certain boundary value problems for multiply connected regions. T. V. Barchukadze. Sob. AN Gruz. SSR 41 no. 1:11-18 Ja '66.

DIFFERENTIAL EQUATIONS, LINEAR—BOUNDARY VALUE PROBLEMS

System of linear hyperbolic equations defined on a complex. S. M. Slugin. Zhur. vych. mat. i mat. fiz. 6 no. 2:368-374 Mi-Ap '66.

DIFFERENTIAL EQUATIONS, NONLINEAR

Graphic method of the solution of nonlinear differential equations of the motion under the effect of gravity of a pair of particles freely falling on an axis. V. F. Aleksandrov. Trudy LITTSBP no. 17:301-306 '65.

Nonlinear parabolic equations on a plane. I. U. A. Dubinskii. Mat. sbor. 69 no. 3:470-496 Mr '66.

DIFFERENTIAL EQUATIONS, NONLINEAR—BOUNDARY VALUE PROBLEMS

Evaluations of the accuracy of solutions to Cauchy problems for nonlinear differential equations. N. S. Bakhtalov. Zhur. vych. mat. i mat. fiz. 6 no. 2:229-237 Mi-Ap '66.

DIFFERENTIAL EQUATIONS, PARTIAL

On stability in one critical case. G. Dairov. Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk 4 no. 1:48-54 Ja-Mr '66.

A theorem of Phragmen-Lindelof type. V. V. Grashin. Vest. Mosk. un. Ser. I. Mat., mekh. 21 no. 2:15-17 Mi-Ap '66.

DIFFERENTIAL EQUATIONS, PARTIAL—BOUNDARY VALUE PROBLEMS

One scheme of the integral relations method in a problem concerning supersonic flow past blunt bodies. F. D. Popov. Zhur. vych. mat. fiz. 36 no. 2:239-245 F '66.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFRACTION

Diffraction effects in nuclear reactions. A. De Shalit. Izv. AN SSSR, Ser. fiz. 30 no. 2:204-208 F '66. Electromagnetic wave radiation by an electron stream moving over a diffraction grating. O. A. Tret'akov, E. I. Cherniakov, V. P. Shestopalov. Zhur. vych. mat. fiz. 36 no. 1:33-38 Ja '66.

DIFFRACTION GRATINGS

Structure of a field diffracted by a grating. V. A. Siluevskii. Zhur. vych. mat. fiz. 36 no. 1:1934-1089 N '65.

DIFFUSERS

Calculation and study of a continuous bladeless diffuser of a centrifugal compressor stage. T. N. Skoriokhodova. Energomashinostroyeniye 12 no. 2:10-12 F '66.

DIFFUSION

Diffusion bonding: a review of literature. O. Kharchenko. Avtom. svar. 18 no. 2:29-33 F '65.

Diffusion coefficients of calcium ions in water-saturated wood from a solution of calcium bisulfite in sulfuric acid measured by radioactive-tracer technique. I. E. Arkin, A. B. Poliak, M. G. Elashberg. Koil zhur. 28 no. 1:11-13 Ja-F '66.

Diffusion of aggressive liquids through polymeric materials. B. I. Borisov, N. A. Moshchanskii. Plast. massy no. 3:81-83 '66.

Diffusion of Tl^{+} ions in KCl and CsI single crystals. O. R. Dobrovyn'ska, N. M. Podorzhanskaya. Ukr. fiz. zhur. 11 no. 2:227-229 F '66.

Effect of kinetic factors on the diffusion of frontal zones in a convex sorption isotherm. N. N. Matorina, N. D. Safonova, K. V. Chmurov. Zhur. vych. mat. fiz. 40 no. 3: 631-636 Mr '66.

- DIFFUSION (Continued)**
Interaction between copper with iron and steel in the process of soldering. A.S. Kentova. Tsvet. met. 39 no. 1:83-86 Ja '66
- The isobaric isothermal diffusion coefficients of certain gases. N.D. Kosov, L.I. Kulapov. Zhur. tekhn. fiz. 35 no. 11:2120-2125 N '65.
- DIFFUSION COATINGS**
Diffusion saturation with beryllium. G.V. Zamskov, P.I. Mel'nik. Metalloved. i term. obrab. met. no. 3:62-64 Mr '66.
- DIGESTION**
Effect of water deficiency on functional changes in the blood during digestion. V.S. Mitonov. Fiziol. zhur. 52 no. 3:282-285 Mr '66.
- DIGESTIVE ENZYMES**
Use of various methods in the study of the secretion of intestinal enzymes in sheep. B.N. Kazakov. Trudy Mosk. vel. akad. 22 no. 2:86-91 '58
- DIGESTIVE ORGANS—DISEASES**
Comparative characteristics of changes in the digestive organs in epidemic hepatitis A and B. V.A. Balykina. Trudy Kish. gos. med. inst. 14:117-120 '61.
- Nogaller, A.M. [Diagnosis and treatment of chronic diseases of the digestive organs] Diagnostika i lechenie khronicheskikh zabolevaniy organov pishchevarenia Moskva, Meditsina, 1966 370 p. (Biblioteka prakticheskogo vracha) (DNLN)
- DIGESTIVE ORGANS—SECRETIONS**
Effect of isaverine on the secretory activity of the digestive glands. I.A. Butkov. Trudy Mosk. vel. akad. 19 no. 2:147-153 '57
- DIGITAL INFORMATION TRANSMISSION**
Compensation of the linearity of frequency transducers in presence of continuous data takeoff. V.G. Knorring. Trudy LPI no. 256:14-19 '65.
- Digital system of data registration for electrical transducers. B.M. Kovalenko, E.I. Mart'ashin. Trudy VNIKAmetgaz no. 1:132-145 '65.
- DIGITALIS—TOXICOLOGY**
Therapeutic tactics in emergency cases of cardiac insufficiency with suspected digitalis intoxication. M.E. Slutskii. Sov. med. 28 no. 1:88-103 Ja '66
- DIKES (ENGINEERING)**
Construction of a waterproof cutoff from Khvalynian "chocolate" clays. F.I. Emel'yanov. Energ. stroi. no. 5:60-64 '65.
- DIKES (GEOLOGY)** see subdivision under Bryanka Valley, Magd District; Ordubad District
- DIMETHYLAMINE**
Production of addition of dimethylamine to 1,1-diphenyl-4-penten-2-yn-1-ol. N.M. Lihman. Zhur. obshch. khim. 36 no. 3:566-567 Mr '66.
- Synthesis of higher methylalkylamines by the method of the Wallach reaction. M.I. Akushkin, E.A. Ljubimova. Khim. prom. 42 no. 3:177-178 Mr '66.
- DIODES, SEMICONDUCTOR**
Features of the use of the capacitive characteristics of four-layer p-n-p-n diodes. V.I. Smirnov. Elektr. obozr. 20 no. 2:75-78 F '66.
- Features of the use of thin-film diodes in measuring equipment. M.G. Vinogradov and others. Avtomatika no. 6:36-44 '65.
- Forced oscillations in nonlinear stages with regulated p-n junction capacitance. A.A. Molchanov, I.N. Tanchev. Radiotekhn. i elektron. 11 no. 3:456-464 Mr '65
- Problem of a heterojunction. E.M. Kuznetsova. Radioelekhn. i elektron. 11 no. 3:560-562 Mr '66
- Transfer characteristic of a semiconductor diode. F.A. Zhuravlev, A.I. Il'chenko. Radiotekhn. i elektron. 11 no. 3:564-565 Mr '66.
- Transient in the switching of a thin-base diode. V.I. Garmy, S.A. Zaidman. Izv. vys. ucheb. zav., fiz. 9 no. 1:19-20 '66.
- Transient responses of long diodes provided with a delay circuit. E.G. Pol', V.S. Rublin. Izv. AN Uz. SSR. Ser. fiz., mat. nauk 10 no. 2:77-78 '66.
- DIOPHANTINE ANALYSIS**
Posinkov, A.G. [Ergodic problems in the theory of congruences and in the theory of Diophantine approximations] Ergodicheskie voprosy teorii sravnenii i teorii diophantovykh priblizhenii. Moskva, Nauka, 1966. 110 p. (Akademiya nauk SSSR. Matematicheskii institut. Trudy, vol. 52)
- Report of a young scientist at the meeting of the Presidium of the Academy of Sciences of the U.S.S.R. B.N. Delone. Priroda 55 no. 3:116-117 '66.
- DIOXANE**
Determination of 2-methyl-1-butene-4-ol and water in dimethyldioxane. S.I.A. Karaseva, A.M. Rozhnov, D.H. Andrievskii. Neftekhimiya 5 no. 4:621-623 Ja-Ag '65.
- DIPHTHERIA ANTITOXIN**
Shielded state of the toxophorous groups in the molecule of diphtheria toxin. N.I. Shapiro. Vop. med. khim. 12 no. 1:84-87 Ja-F '66
- DIPIN**
Effect of dipin on the absorption of radioactive iodine by the thyroid gland in rats. S.M. Volodarskaya, V.A. Chichinov. Vop. onk. 12 no. 3:60-63 '66.
- DIPLOMATIC AND CONSULAR SERVICE—REGISTERS, LISTS, ETC.**
[Diplomatic corps in Moscow] Diplomaticheskii korpus v Moskve. [n.p.] M.-v. inostr. del SSSR, Leningrad 1966. 191 p.
- DIPOLE MOMENTS**
Appearance of dipole-dipole intramolecular forces in vibration spectra of organic compounds. Part 3. A.V. Sechikarev. Izv. vys. ucheb. zav., fiz. 9 no. 1:21-25 '66.
- Dipole photoelectric absorption in the L₂₅ nucleus. I.V. Kurdiunov and others. Izv. AN SSSR. Ser. fiz. 30 no. 2:292-300 F '66
- Nature of the dipole resonance width in phononuclear reactions. F.A. Zhivopistsev, V.M. Moskovkin, N.P. Uelin. Izv. AN SSSR. Ser. fiz. 30 no. 2:306-311 F '66
- The pseudoscalar β_0 matrix and the electric dipole moment of a V-meson. A.L. Bol'sun, E.L. Fedorov. Vestn. AN BSSR. Ser. fiz., mat. nav. no. 1:90-105 '66.
- DIPYRONE**
Quantitative determination of analgin by flame photometry. M.T. Dubov, V.K. Zashchenko. Farmats. zhur. 20 no. 1:10-13 '65.
- DIRECT CURRENT ELECTRIC MOTORS** see Electric motors, Direct current
- DIRICHLET'S SERIES** see Series, Dirichlet's
- DISABILITY EVALUATION**
(see also subdivision under Bulgaria)
Cerebral insult and invalidity. P.P. Penchev. Trudy LIETIN no. 18:62-72 '65.
- Characteristics of affective psychoses at an elderly age and the evaluation of the capacity for work while suffering from them. V.L. Efimenko. Trudy LIETIN no. 18:263-277 '65.
- Climate and work ability. P.V. Chakveladze. Sov. med. 29 no. 2:72-75 F '66.
- Clinical and statistical data on the incidence of schizophrenia in the Ukrainian S.S.R. based on materials of medical expertise of the capacity for work of invalids. I.S. Gmivich. Trudy LIETIN no. 18:232-238 '65.
- Clinical aspects and expertise of capacity for work in chronic progressive spinal amyotrophy. A.IU. Mokarov, A.G. Guntskii. Trudy LIETIN no. 18:95-102 '65.
- Clinical physiological characteristics of the epileptiform syndrome in sequelae of craniocebral traumas and its significance in the expertise of capacity for work and job placement of invalids. M.M. Tepina. Trudy LIETIN no. 18:15-52 '65.
- Current problems of medical expertise of the capacity for work in diseases of the nervous system. P.A. Makhavel'skii. Trudy LIETIN no. 18:5-17 '65.
- Diagnosis and expertise of capacity for work in myotonic dystrophy. P.A. Makhavel'skii, L.A. Sachkova. Trudy LIETIN no. 18:80-86 '65.
- Expertise of capacity for work and practical job placement of persons having had closed craniocebral traumas, based on materials of the Kandalaksha City Medical Expertise Commission on Work Ability. A.P. Odes. Trudy LIETIN no. 18:31-38 '66.
- Life results of acupuncture treatment and the capacity for work in patients with diseases of the lumbosacral region of the peripheral nervous system. V.I. Doronina-Butkova. Trudy LIETIN no. 18:128-139 '65.
- Magic-depressive psychosis as a cause of disability. A.S. Borzunova, S.A. Lev. Trudy LIETIN no. 18:253-262 '65.
- Personality problem in connection with the tasks of the practice of psychiatric medical expertise of the capacity for work. V.N. Miasishchev. Trudy LIETIN no. 18:173-182 '65.
- Principles of expertise of the capacity for work in occupational diseases of the nervous system. A.M. Veger. Trudy LIETIN no. 18:16-23 '65.
- Problems of diagnosis and expertise of capacity for work in narcology. A.IU. Makarov, L.A. Sachkova. Trudy LIETIN no. 18:103-110 '65.
- Sequelae of craniocebral traumas and prevention of work disability in boars. T.A. Tonian. Trudy LIETIN no. 18:37-44 '65.
- Significance of electroencephalographic data in the differential diagnosis of headaches, their relation with the problems of medical expertise of the capacity for work. B.D. Kavaevskii, B.V. Iovlev. Trudy LIETIN no. 18:230-252 '65.
- Significance of the leukocyte blood reaction in medical expertise of the capacity for work in lumbosacral radiculitis. I.U. G. Svid. Trudy LIETIN no. 18:140-144 '65.
- Some principles of the medical expertise of the capacity for work and ways of introducing them to psychiatric practice. A.S. Borzunova. Trudy LIETIN no. 18:156-172 '65.
- Some problems of the clinical aspects and of the expertise of capacity for work in late sequelae of an open craniocebral trauma. V.I. Khramova. Trudy LIETIN no. 18:21-30 '65.
- DISEASES**
Defining the concept of disease. I.V. Davydovskii, V.I. Sil'vestrov. Akh. pat. 28 no. 1:3-8 '66
- DISINFECTION AND DISINFECTANTS**
Mobile bactericidal apparatus. V. Isary, N. Mitrov, I. Kuznetsova. Mias ind. SSSR 77 no. 1:18 '66.
- DISLOCATIONS IN CRYSTALS**
Formation of dislocations near the indent mark and scratch in KBr crystals. N.A. Toropov, I.U. P. Udilov. Izv. vys. ucheb. zav., fiz. 9 no. 1:187-188 '66.
- Nature of stress relaxation in deformed crystals. S.N. Komnik, V.Z. Bengus. Dokl. AN SSSR 166 no. 4:829-832 F '66.
- DISLOCATIONS IN METALS**
Connection between the blocking of dislocations by impurities inside and at grain edges and the critical brittleness temperature. I.U. V. Grdina, E.E. Glikman. Izv. vys. ucheb. zav., khim. 9 no. 2:115-118 '66
- Effect of the speed of cooling on the density of dislocations in joints. V.A. Litmanov, A. Rooschinskii. Avtom. svai. 18 no. 2:77 F '65.
- DISMISSAL OF EMPLOYEES** see Employees, Dismissal of
- DISPERSIONS** see Colloids
- DISPLAY OF MERCHANDISE**
On "puff on the road." F. Gileman, L. Gusak. Sov. org. 30 no. 1:38-39 Ap '66.
- DISSERTATIONS, ACADEMIC**
Defended dissertations. K.V. Popova. Teor. i prak. fiz. kul'. 29 no. 2:70-80 F '66.
- DISSOCIATION**
Constants of dissociation of benzoic acid at temperatures from 25 to 90°C. B.S. Smolnikov, M.P. Primanchuk. Zhur. fiz. khim. 40 no. 3:618-622 Mr '66.
- Dissociation of a diantipyrimethone-thiocyanate complex of molybdenum (V) in dichloroethane. A.K. Babko, M.M. Tananai, M. Gntlichkova. Ukr. khim. zhur. 32 no. 2:125-130 '66
- Dissociation of copper pheophytinate. B.D. Beresin, A.N. Drobysheva. Zhur. fiz. khim. 40 no. 3:710-724 Mr '66.
- Dissociation pressure of Al₂C₃. V.G. Muradov, P.V. Kochetov. Izv. vys. ucheb. zav., tsvet. met. 9 no. 1:88 '66.
- pKa of some polyene acids. L.A. Ivanovskaya, R.N. Stepanova, V.F. Kucherov. Izv. AN SSSR. Ser. khim. no. 2:352-353 '66.
- Regularities of the process of dissociation of ferrites having a spinel structure. I.V. Gorodnev. Izv. AN SSSR. Neorg. mat. 2 no. 2:281-283 F '66
- S-alkylthiophosphonic acids and their derivatives. Part I. Effect of induction and conjugation on the dissociation constants of acids. A.A. Noinysheva, V.I. Savchuk, I.L. Kuantanta. Zhur. obshch. khim. 36 no. 3:500-508 Mr '65.
- DISTANCES—MEASUREMENT**
Results of the symposium on the use of electronic techniques for measuring distances. G.M. Kartov. Geod. i kart. no. 11:25-29 N '65.
- DISTILLATION**
Purification of vanadium oxychloride from titanium tetrachloride and other impurities by rectification. L.A. Nisaisson and others. Izv. AN SSSR. Ser. khim. 41 no. 1:61-70 Ja-F '66.
- Recovery of furfural from vat residues. A.N. Bagayev, N.A. Mel'nik. Glavroliz. i lenokhim. prom. 19 no. 2:26-28 '66.
- DISTILLATION APPARATUS**
Calculation of the kinetics of a rectification column operating with feed and spent material flow. G.L. Partskhishvili. Soob. AN Gruz. SSR 41 no. 1:89-93 Ja '66.
- Determination of optimum temperature conditions in a distillation system using a statistical optimization technique. G.V. Gorelova. Izv. vys. ucheb. zav., elektromekh. 9 no. 3:288-300 '66.

DISTILLATION APPARATUS (Continued)

Electric distilling apparatus with artificial cooling
I. F. Scherbov, *Khim. prom.*, 20 no. 1:83-84
'66.

Performance of the installation of precision fractionation
of gasoline fractions. G. P. Gromchikov, I. U. A. Pliashin,
F. V. Iakimenko. *Neftskh. i neftekhim.* no. 2:3-8 '66

Static optimization of multicomponent rectification units.
V. P. Malinov, V. A. Abramov, *Khim. prom.* 41 no. 11
853-858 N '65.

Studying the kinetics of mass transfer in the rectification
of multicomponent mixtures in a wetted-wall apparatus
I. U. A. Pliashin, A. N. Pliashinskii, P. G. Bolashchuk,
Khim. prom. 41 no. 11:841-845 N '65.

Sulfuric anhydride absorption in a foam apparatus with
film heat exchanger. I. G. Bliakher and others,
Khim. prom. 42 no. 3:178-181 Mr '66

DISTILLATION APPARATUS—MATHEMATICAL MODELS

Using electronic digital computers in testing the per-
formance of a semi-industrial fractionating column.
V. I. Hrubov, V. O. Marinychenko, *Khim. prom.* no. 1:66-
40 Ja-F '66.

DISTILLATION OF SEAWATER *see* Seawater, Distilla-
tion of

DISTILLED WATER *see* Water, Distilled

DISTILLERIES—EQUIPMENT AND SUPPLIES *see*
Subdivision under Ukraine

DISTILLING INDUSTRIES

Problems of the economic efficiency of the use of beet
sugar molasses in the national economy. V. M. Hyha-
chuk, *Khim. prom.* no. 1:50-56 Ja-F '66.

DISTILLING INDUSTRIES—BY-PRODUCTS

High-quality raw materials for by-product distillates.
M. M. Prosvorov, O. D. Kovalenko, no. 1:14-15 Ja-F '66.

DISTRIBUTIVE EDUCATION

(*see also* subdivision under Yaroslavl Province)
The number of specialists increases. I. Litvinov, *Sov.
potreb. kooper.* 10 no. 2:21-22 F '66

DITERPENES

Diterpene hydrocarbons of oleoresin from *Pinus silbica*
R. Mayr, V. A. Pentegova, N. K. Kashanova, *Khim. pri-
rod. soed.* no. 3:223-224 '65

DITHIOL

Comparative evaluation of the stability of dithiol compounds
with bismuth and copper ions. E. V. Vasil'eva, T. K.
Nedapichin, *Ukr. khim. zhur.* 42 no. 2:194-201 '65

DIURETICS AND DIURESIS

Effect of promedol on water diuresis. O. G. Onisko
Farm. i toks. 27 no. 6:739-740 N-D '61
Effect of some substances on the antidiuretic activity of
serotonin. I. M. Samoilovich, *Farm. i toks.* 27 no. 6
735-738 N-D '61.

DIVISION OF LABOR

(*see also* subdivision under Communist countries,
Europe, Eastern)

Discussion on the problem of the social division of labor.
M. Levitskiy, *Ekonom. Rad. Ukr.* 9 no. 3:13-18 Mr '66.

DIVORCE

What are their reasons for divorce? V. Gordeeva, *Mol.
Yuzm.* no. 1:80-86 Ja '65.

DNIPROVSK DISTRICT—VETERINARIANS

Never without worries. V. T. Shelamov, *Vetotnatsia*
42 no. 1:6-8 Ja '66.

DNEPRODZERZHINSK HYDROELECTRIC POWER STATION—DESIGN AND CONSTRUCTION

Protection of the Onkol Massif in the construction of the
Dneprodzerzhinsk Hydroelectric Power Station. V. A.
Osadchuk, A. N. Savitskii, *Gidrotkhol.* 36 no. 2:10-20
F '66.

DNEPROPETROVSK—WAGES—PIPE INDUSTRY

Efficiency of paying bonuses for the economic use of raw
materials, materials, and the instruments. S. Volfo-
vich, *Sots. trud* 11 no. 3:26-31 Mr '66

DNEPROPETROVSK PROVINCE—AGRICULTURE— ECONOMIC ASPECTS

A year of work under the new conditions. M. Pashov,
Ekonom. sel'khoz. 41 no. 2:6-13 F '66.

DNEPROPETROVSK PROVINCE—AGRICULTURE— HYGIENIC ASPECTS

Assistance to rural districts. M. Kuznetsov, *Okhr. truda
i soz. strakh.* no. 3:19 Mr '66.

DNEPROPETROVSK PROVINCE—RURAL CONSTRUC- TION

Our first experience. A. Dobuzhyi, *Sil. bud.* 15 no. 3:
10-11 Mr '65.

DNEPROPETROVSK PROVINCE—SUNFLOWER SEED

Washing practice. I. Khalaudenko, *Znup. sel'khoz. prod.*
no. 7:31-33 J1 '65

DNEPRORUDNOYE (UKRAINE)—CITY PLANNING

Characteristics of the planning and construction of the
city of Dneprodzerzhinsk. A. Ivanova, *Stroi. i arkhit.* 11
no. 1:9-11 Ja '66.

DNEPER DELTA—ALGAE

Diatelaceous algae of the Steblovskiy floodplain lake
(lower reaches of the Dnieper). I. M. Tolamai-
Mord-vinsova, *Ukr. bot. zhur.* 2 no. 1:83-87 '65.

DNEPER-DONETS LOWLAND—ARGON

Genesis of argon in the underground waters of the Dnieper-
Donets Lowland. I. K. Gutsalo, *Geol. i geokhim. nef. i
gaz. mestorozh.* no. 3:145-150 '65.

DNEPER-DONETS LOWLAND—COAL GEOLOGY

Some problems in studying the coal potential of Carboni-
ferous sediments based on data of field geophysical
studies. V. E. Zubigallo, *Razved. i okh. nedr.* 32
no. 2:41-43 F '66

DNEPER-DONETS LOWLAND—FAULTS (GEOLOGY)

Role of subsurface faults in the formation of structures
in the Dnieper-Donets Lowland (for ref. origin). V. K.
Nastish, *Geol. zhur.* 25 no. 6:13-23 '65.

DNEPER-DONETS LOWLAND—GAS, NATURAL

Some concepts of the conditions and time of the formation
of oil and gas pools in the Dnieper-Donets Lowland.
V. A. Krivosheina, A. M. Shchekha, S. E. Cherpak, *Geol.
neft. i gaz.* 10 no. 1:10-41 Ja '66.

DNEPER-DONETS LOWLAND—GAS, NATURAL— GEOLOGY

Geology of the Golubovskoye-Shchepchenkovskoye area in connection
with prospects for finding oil and gas. M. V. Khudyk,
Z. O. Kolodii, *Geol. i geokhim. nef. i gaz. mestorozh.*
no. 2:56-60 '65.

Role of slightly permeable layers in the formation of oil
and gas pools in the Dnieper-Donets Lowland. V. M.
Zav'yalov, V. A. Starinskii, *Geol. i geokhim. nef. i gaz.
mestorozh.* no. 2:40-55 '65.

Trends in geological prospecting for oil and gas in the
northwestern part of the Dnieper-Donets Lowland in
1965-1970. I. G. Baranov, V. R. Litvinov, *Geol. i geokhim.
neft. i gaz. mestorozh.* no. 2:3-6 '65.

DNEPER-DONETS LOWLAND—GEOLOGY, STRATI- GRAPHIC

Formational unconformity in the tetragenic formation
in the Lower Tannemman substage in the Dnieper-Donets
Lowland. L. P. Kovtunov, A. I. A. Larchenkov, N. I.
Chuprin, *Neftgaz. geol. i geofiz.* no. 2:28-30 '66.

DNEPER-DONETS LOWLAND—GEOLOGY, STRUCTURAL

Basic principles of the classification of local structures
in the Dnieper-Donets Lowland (autochthon). M. V. Chis-
vinskaya, *Geol. i geokhim. nef. i gaz. mestorozh.* no. 2
10-40 '65.

On one new type of structure in the Dnieper-Donets Low-
land. V. L. Kityk, I. V. Kulshaba, *Geol. i geokhim. nef. i
gaz. mestorozh.* no. 2:7-17 '65.

DNEPER-DONETS LOWLAND—OIL SANDS

Lithology and physical parameters of the Triassic reser-
voir rocks of oil and gas in the northwestern part of the
Dnieper-Donets Lowland. R. F. Sukhoruk, *Geol. i geo-
khim. nef. i gaz. mestorozh.* no. 2:61-67 '65.

DNEPER-DONETS LOWLAND—PETROLEUM GEOLOGY

Certain regularities in the gas saturation of the under-
ground waters of the oil- and gas-bearing structures in
the central part of the Dnieper-Donets Lowland and their
significance for oil and gas prospecting. L. K. Gutsalo,
V. A. Krivosheina, *Geol. nef. i gaz.* 9 no. 3:51-53 Mr
'65.

Role of slightly permeable layers in the formation of oil
and gas pools in the Dnieper-Donets Lowland. V. M.
Zav'yalov, V. A. Starinskii, *Geol. i geokhim. nef. i gaz.
mestorozh.* no. 2:40-55 '65.

Some concepts of the conditions and time of the formation
of oil and gas pools in the Dnieper-Donets Lowland.
V. A. Krivosheina, A. M. Shchekha, S. E. Cherpak, *Geol.
neft. i gaz.* 10 no. 1:40-44 Ja '66.

Trends in geological prospecting for oil and gas in the
northwestern part of the Dnieper-Donets Lowland in
1965-1970. I. G. Baranov, V. R. Litvinov, *Geol. i geokhim.
neft. i gaz. mestorozh.* no. 2:3-6 '65.

DNEPER-DONETS LOWLAND—SEISMIC REFRACTION METHOD

Plotting structural schemes as a result of the interpre-
tation of longitudinal and nonlongitudinal profiles of the
refraction correlation method. E. P. Pizhikovskii,
Geofiz. sbor. no. 3:94-98 '65

Refraction and multiple refraction in the Dnieper-Donets
Lowland. N. I. Pavlenkova, *Geofiz. sbor.* no. 3:91-93
'65.

DNEPER-DONETS LOWLAND—WATER, UNDERGROUND

Certain regularities in the gas saturation of the under-
ground waters of the oil- and gas-bearing structures in
the central part of the Dnieper-Donets Lowland and their
significance for oil and gas prospecting. L. K. Gutsalo,
V. A. Krivosheina, *Geol. nef. i gaz.* 9 no. 3:51-53 Mr
'65.

Hydrogeological closeness of structures in the Dnieper-
Donets Lowland. L. P. Shval, R. F. Vol'kovich, *Geol. i
geokhim. nef. i gaz. mestorozh.* no. 3:74-80 '65.

DNEPER HYDROELECTRIC POWER STATION

Notes of a luncheon of the Dnieper Hydroelectric Power
Station. B. S. Hasev, *Vop. ist.* 11 no. 3:96-108
Mr '66

Reminiscences of B. S. Hasev. V. S. Lel'chuk, *Vop. ist.*
41 no. 3:91-95 Mr '66

DNEPER RIVER

Lapongov, A. N. [The Dnieper; a manual for teachers]
Dnepr. posobie dlia uchitelia. Moskva, Prosveshchenie,
1955. 101 p

DNEPER RIVER—CATFISHES

Materials on the biology of catfishes in the lower Dnieper
River. K. S. Bugai, *Gidrobiol. zhur.* 2 no. 1:19-55
'66

DNEPER RIVER—REGULATION

Effect of the regulation of the Dnieper River on the flow
of biogenic and organic substances into tail waters of
reservoirs. A. I. Denisova, I. U. G. Molotchenko,
Gidrobiol. zhur. 2 no. 1:36-12 '66

DNEPER RIVER—WATER—COMPOSITION

Effect of the regulation of the Dnieper River on the flow
of biogenic and organic substances into tail waters of
reservoirs. A. I. Denisova, I. U. G. Molotchenko,
Gidrobiol. zhur. 2 no. 1:36-12 '66.

DNEPER VALLEY—ARCHAEOLOGY

Tretyakov, P. N. [Finno-Ugrians, Balts, and Slavs in
the Dnieper and Volga Valleys] Finno-ugry, baltii i
slaviane na Dnepre i Volge. Moskva, Nauka, 1960.
308 p.

DNEPER VALLEY—CITY PLANNING

Development of a layout for the cities of the Dnieper
Valley. S. Glinkin, S. Tesler, *Stroi. i arkhit.* 14
no. 3:27-28 Mr '66.

DNEPER VALLEY—CLAY—ANALYSIS

X-ray and electron microscopic studies of Cenozoic clays
in the southern slope of the Ukrainian Crystalline Mas-
sif. G. K. Glinkin, I. G. Kukovskii, *Mat. po geol.,
geofiz. i geokhim. Ukr., Kazakh, Zabaik.* no. 2:78-85
'64.

DNEPER VALLEY—COAL GEOLOGY

Stratigraphy and paleogeographic conditions of the
formation of coal-bearing sediments in the Paleogene
of the Dnieper Valley and Ukrainian Shield. I. E. M.
Matvienko, *Geol. zhur.* 25 no. 1:3-15 '65

DNEPER VALLEY—GEOLOGICAL TIME

Age of continental coal-bearing sediments in the northern
part of the Ukrainian Shield. F. A. Stanislavskiy,
Geol. zhur. 25 no. 6:65-69 '65

DNEPER VALLEY—GEOLOGY

Geology and history of the formation of the Dnieper Val-
ley in the Choryassay-Lubny position. A. M. Bornglyi,
V. I. Chuk, *Mat. po geol., geofiz. i geokhim. Ukr., Kazakh,
Zabaik.* no. 2:15-13 '64.

DNEPER VALLEY—IRON AGE

More about the beginning of the Iron Age in the Dnieper
Valley. V. D. Rybalova, *Vest. LGU* 21 no. 2:74-83 '66.

DNEPER VALLEY—MAN, PREHISTORIC

Burial grounds of the pre-Scythian period in the Kolomy-
shchyna I ancient settlement. T. G. Movsha, *Mat. i issl.
po arkheol. SSR* no. 130,204-208 '65.

DNEPER VALLEY—MANGANESE MINES AND MINING

Improving the mining technology at the "Bogdanovskii"
open-pit mine. G. L. Sereda and others. *Gor. zhur.*
no. 3:10-22 Mr '66.

DNEPER VALLEY—PIPE INDUSTRY—AUDITING AND INSPECTION

On the use of capital assets. L. Kurzinov, *Bukh. uchst.*
no. 2:3-8 F '66

DNEPER VALLEY—SAFFLORITE

Pre-Cambrian safflorite of the Ukrainian Crystalline
Shield. F. I. Soloviyova, O. L. Litvinov, *Dop. AN URSS*
no. 1:123-125 '66.

DNEPER VALLEY—SA-PONITE

Ferruginous saponite from the weathering surface of
basic rocks of the Korosten complex of the Ukrainian
Shield. I. U. M. Mel'nik, *Min. sbor.* 10 no. 1:101-105 '65.

DNIEPER VALLEY—STEAM POWER PLANTS

Installation of heat insulation and outer wall. S. T. Voronkov, Z. M. Simanovskii, M. G. Cherniakov. *Enrg. stroi.* no. 45:95-99 '64.

Installation of the control and measuring instruments and means of automation. M. I. Golod, V. F. Senchukov. *Enrg. stroi.* no. 15:99-103 '64.

Installation of station piping. Z. M. Simanovskii. *Enrg. stroi.* no. 45:99-103 '64.

Installation of the TPP-110 boiler. I. U. S. Berzhnol, Z. M. Simanovskii. *Enrg. stroi.* no. 45:80-90 '64.

Installation of the furnace. N. A. Ghit, V. D. Ivanovskii. *Enrg. stroi.* no. 45:81-73 '64.

Making and installation of auxiliary and nonstandard equipment on the boiler. V. O. Luric. *Enrg. stroi.* no. 15:93-95 '64.

Operational plan for the installation of the TPP-110 boiler unit. V. I. Keltsheln, N. P. Prokofiev. *Enrg. stroi.* no. 45:73-80 '64.

Welding work. V. N. Kulikov, E. P. Ostrovskii. *Enrg. stroi.* no. 45:103-114 '64.

DNIEPER VALLEY—STEAM POWER PLANTS—TESTING

Tune-up and starting operations. V. G. Evdokimov, V. P. Markin, G. G. Iatovlev. *Enrg. stroi.* no. 15:115-122 '64.

DNIESTER VALLEY—ANTHROPOLOGY

Ethnic anthropology of the Prut-Dniester interfluvium in the first century A.D. M. S. Vailanov. *Krat. soob. Inst. arkheol.* no. 105:59-67 '65.

DNIESTER VALLEY—ANTTIQUITIES

A burial mound of the Bronze Age near the village of Kalke in the Dniester Valley. G. F. Chebotarenko. *Krat. soob. Inst. arkheol.* no. 105:101-108 '65.

Correlation between Chernyakhov and early Slavic cultures in the Dniester-Danubius interfluvium. E. A. Rikman, L. A. Rafalovich. *Krat. soob. Inst. arkheol.* no. 105:42-58 '65.

Studying the monuments of the Neolithic period in the central Dniester Valley. V. I. Markevich. *Krat. soob. Inst. arkheol.* no. 105:85-91 '65.

DNIESTER VALLEY—CELTIC ANTIQUITIES

A Celtic monument in the upper Dniester Valley. L. I. Krushchinskii. *Krat. soob. Inst. arkheol.* no. 105:119-122 '65.

DNIESTER VALLEY—LIMESTONE

Genesis of sulfur-bearing limestones in the Dniester Valley in connection with a study of their textural characteristics. V. I. Kottun. *Min. sbor.* no. 193:94 '65.

DNIESTER VALLEY—ORE DEPOSITS

Characteristics of the distribution of barium and strontium ore manifestation in the sulfur deposits of the Dniester Valley. D. P. Bobrovnyk, B. I. Shebrodolskii. *Dop. AN URSSR* no. 111:11-114 '65.

Participation of underground waters in the mineral formation of the Mesozoic and Paleozoic rocks of the Dniester Valley. M. B. Ripun, V. S. Tikhonova. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 3:134-139 '65.

DNIESTER VALLEY—WATER, UNDERGROUND

Participation of underground waters in the mineral formation of the Mesozoic and Paleozoic rocks of the Dniester Valley. M. B. Ripun, V. S. Tikhonova. *Geol. i geokhim. nef. i gaz. mestorozh.* no. 3:134-139 '65.

DOBRIANSKII, ALEXANDR FLAVIANOVICH, 1889-1965

Aleksandr Flavianovich Dobrianskii. *Neftekhimika* 5 no. 4:636-639. *Jl.-Ag.* '65.

DOCESANOIC ACID

Potentiometric determination of calcium iodobenzoate. S. S. Chausovskii, I. U. A. Gaule. *Apt. delo* 15 no. 1:55-58. *Ja.-F.* '66.

DOCUMENTARY EVIDENCE see Evidence, Documentary**DOCUMENTARY MOTION PICTURES** see Motion pictures, Documentary**DODD, THOMAS JOSEPH, 1907-**

Manners of the "free" world: Revenge of a Senator. V. I. Zhukov. *Nov. vrem.* 23 no. 18:32-33. *Ap.* '66.

DODECANEDIC ACID

Polyamide based on decanedicarboxylic acid and hexamethylenediamine. M. K. Dobrokhotova and others. *Plast. massy* no. 3:20-21 '66.

DOGS—PARASITES see Parasites—Dogs**DOGWOOD** see subdivision under Daghestan**DOISYNOLIC ACID—PHYSIOLOGICAL EFFECT**

Biological activity of doisylnolic acid analogs deprived of ring B. T. I. Bartova and others. *Dokl. AN SSSR* 166 no. 4:998-998. *F.* '66.

DOLGY ISLAND (ARCHANGEL PROVINCE)—TETRA-CORALLA

Ordovician and Silurian Rugosa in the Vaygach and Dolgy Islands. S. I. Stral'minov. *Uch. zap. NII GA. Ser. "Paleont."* 1:1081. " no. 8:24-57 '65.

DOLGOPOLOK, BORIS ALEKSANDROVICH, 1905-

Boris Aleksandrovich Dolgoplosk, on his sixtieth birthday and thirty-fourth anniversary of his scientific activity. Vyssokom. soob. 8 no. 2:364-365. *F.* '66.

Honoring Academician B. A. Dolgoplosk. *Vest. AN SSSR* 36 no. 1:181. *Ja.* '66.

DOLOMITE

(see also subdivision under Doytsukha Valley)
Clarification and purification of weakly radioactive sewage by flotation of semicalculated dolomite. V. V. Pushkarov, V. L. Zolotarev, A. S. Ljubimov. *Atom. energ.* 20 no. 1:53. *Ja.* '66.

DOMASHNIKOV, BORIS FEDOROVICH, 1924-

Golovanov, N. N. Boris Fedorovich Domashnikov. *Leningrad. Khudozhnik RSFSR*, 1965. 36 p. illus. (NIC)

DOMESTIC ANIMALS, EFFECT OF RADIATION ON

Resistance of the Kazakh hybrid swine to high summer temperatures and solar radiation. P. A. Chukov, V. A. Li, S. U. Kaldybaev. *Vest. sel'khoz. nauki [Kazakh]* 9 no. 2:19-25. *F.* '66.

DOMESTIC EDUCATION

Let's develop children's thinking. I. U. Azimov. *Deshk. vosp.* 39 no. 3:87-88. *Mi.* '66.

DOMINICAN REPUBLIC—POLITICS AND GOVERNMENT

The Dominican resistance continues. V. I. Zhukov. *Nov. vrem.* 23 no. 17:17-18. *Ap.* '66.

The situation becomes heated. V. Smirnov. *Mizhdunar. zhizn'* 13 no. 4:18-19. '65.

DON VALLEY—HISTORY

The role of Don Valley workers in elections to the Fourth Duma. V. S. Panchenko. *Ist. SSSR* 10 no. 1:131-137. *Ja.-F.* '66.

DONETS BASIN—ANTHRACITE COAL

Measures taken for preventing overexposure of anthracite coal in mines of the Rostovugol' Combine. A. I. Ralychev, A. G. Tikhomirov, G. G. Kuznetsov. *Ugol'* 41 no. 2:20-31. *F.* '66.

DONETS BASIN—ANTHRACITE COAL—TESTING

Prognosis of the strength and crushability of anthracite by a core of borophiles. L. F. Sosnitskaya. *Razved. i okh. nedr.* 31 no. 12:16-18. *D.* '65.

DONETS BASIN—ARSENOPYRITE

Characteristics of the formation of arsenopyrite and antimonite in one of the deposits of the Niklovskaya zone. A. P. Horovot. *Dop. AN URSSR* no. 111:114-116. '66.

DONETS BASIN—BOOKSELLERS AND BOOKSELLING

Members of the Donetsk Basin Komzobol are at the forefront. D. Timonnikov. *Knizh. tovg.* 17 no. 1:21. *Ap.* '66.

DONETS BASIN—BORING

Accuracy of the results of logging and core drilling in the eastern regions of the Donetsk Basin. V. V. Popov, *Razved. i okh. nedr.* 32 no. 1:56-58. *Ja.* '66.

DONETS BASIN—COAL GEOLOGY

Some results of developing the methodology of the correlation of coal seams in the western Donetsk Basin based on micropores. V. K. Teteruk. *Geol. zhur.* 25 no. 6:33-38. '65.

DONETS BASIN—COAL MINES AND MINING

A deputy of the party congress. M. Ochlarov. *Agitator* 33 no. 7:19-21. *Ap.* '66.

Reorganizing the "Mine No. 3-bis" of the "Torezantratsit" Trust. N. A. Norenko. *Shakht. stroi.* 10 no. 3:20-22. *Mi.* '66.

Saving electric power in Donetsk Basin coal mines. D. I. Gertsenshtein. *Ugol'* 41 no. 2:50-51. *F.* '66.

Testing new types of supports at deep levels of the "Mushketovskaya-Zapervalnaya" No. 2 coal mine. V. A. Vashchilin, V. I. Rakov. *Shakht. stroi.* 10 no. 3:18-17. *Mr.* '66.

Thickness standard of coal seams in the Donetsk Basin. L. M. Matzel. *Ugol' Urr.* no. 3:52. *Mr.* '66.

Work of the Council of the local organization of the Scientific Technological Society for mining at the "Novo-Pavlovskaya" Coal Mine. M. P. Ternik. *Ugol'* 41 no. 2:1-4. *F.* '66.

DONETS BASIN—COAL MINES AND MINING—COSTS

Use of a subcontracting method in developing new layers in the "Artemugol'" Combine. L. D. Stipchenko. *Shakht. stroi.* 10 no. 2:1-3. *F.* '66.

DONETS BASIN—COAL MINES AND MINING—ECONOMIC ASPECTS

Reasons for the ever growing effectiveness of operations at the "Luganskugol'" Combine's coal mines in the seven-year plan. A. P. Stepanov, G. A. Danilov, V. M. Ivashkin. *Ugol'* 41 no. 2:14-16. *F.* '66.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Rebuilding of the mines of "Donbassanttratsit" Combine is a source of increased coal production and improvement of technical and economic indicators. A. I. Akhmedov, D. I. Lozakovich. *Ugol' Urr.* no. 3:12-12. *Mr.* '66.

DONETS BASIN—COAL MINES AND MINING—MANAGEMENT

Reverting to old standards as a way of lessening the coal balance status in the Donetsk Basin. G. V. Korotkov, R. A. Seletskii. *Ugol' Urr.* no. 3:51. *Mr.* '66.

Scientific work organization in the Donetsk Basin coal mines. M. T. Borovkov, T. V. Stavrovskii, I. N. Prutkov. *Ugol' Urr.* no. 3:36-37. *Mr.* '66.

DONETS BASIN—COAL MINES AND MINING—SAFETY MEASURES

Calculating the dimensions of crosscuttings in drifting behind deep-lying longwalls in the Donetsk Basin. S. M. Lipkovich, A. S. Bratishko, A. I. Kostomarov. *Ugol'* 41 no. 3:13-17. *Mi.* '66.

Causes of the increased water inflow in the workings of the "Kremennia-Vostochnaya" coal mine. N. A. Dubinogorskii. *Ugol' Urr.* no. 3:11. *Mi.* '66.

Criteria of estimating the difficulty of coal mine ventilation in the Donetsk Basin. A. M. Kurpov. *Ugol'* 41 no. 3:59-61. *Mi.* '66.

Experimental use of the KM-87T unit at the "Otkritskaya" Coal Mine. V. I. Borzakov. *Ugol'* 41 no. 2:24-25. *F.* '66.

DONETS BASIN—COAL MINING MACHINERY—EFFICIENCY

Speed of the advancing and efficiency of K-32m cutters-loaders during coal mining in the Donetsk Basin. L. I. El'pin, S. S. Kurakov. *Ugol'* 41 no. 3:17-19. *Mi.* '66.

DONETS BASIN—COMMUNIST YOUTH LEAGUE

How the party controlled the work of Komsomol organizations in the industrial enterprises of the Donetsk Basin after the 20th Congress of the CPSU. I. P. Omyshchikov. *Ukr. ist. zhur.* 10 no. 3:94-101. *Mr.* '66.

DONETS BASIN—CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

On the basis of taking into consideration every factor involved. G. Khodov. *Mkon. str. i st.* 11 no. 1:47-49. *Ap.* '66.

DONETS BASIN—COOPERATIVE SOCIETIES

Profitableness as the measure of success. A. Kh. Khan, E. Lipchenko. *Sov. prot. kooop.* 10 no. 1:8-10. *Mi.* '66.

DONETS BASIN—FLUORSPAR

Fluorite in Devonian sediments in the southwestern margin of the Donetsk Basin. B. S. Panov. *Geol. zhur.* 25 no. 1:81-84. '65.

DONETS BASIN—GAS

Heavy hydrocarbons in the coal gases in the southwestern part of the Donetsk Basin in connection with the genesis of the Shebelinka gas field. B. M. Kononenko and others. *Geol. nef. i gaz.* 9 no. 3:18-23. *Mr.* '65.

DONETS BASIN—INDUSTRIAL MANAGEMENT

Participation of the local party organizations of the Donetsk Basin in the discussion and settlement of the problems of industrial management. V. A. Noskov. *Ukr. ist. zhur.* 10 no. 2:45-52. *F.* '66.

DONETS BASIN—MERCURY ORES

Prospects for finding mercury in the Donetsk Basin. V. I. Skarzhynskii. *Geol. zhur.* 26 no. 6:67-67. '65.

DONETS BASIN—MICROPALEONTOLOGY, STRATIGRAPHIC

Some results of developing the methodology of the correlation of coal seams in the western Donetsk Basin based on micropores. V. K. Teteruk. *Geol. zhur.* 25 no. 6:33-38. '65.

DONETS BASIN—MINERALS

Mica-like mineral from Nagol'naya Tarasovka in the Donetsk Basin. E. K. Lazarenko. *Min. sbor.* 10 no. 1:16-26. '65.

DONETS BASIN—PALEOBOTANY, STRATIGRAPHIC

Floral characteristics of the Avilovsk series in the eastern Donetsk Basin. A. K. Shestegolev. *Geol. zhur.* 25 no. 6:50-57. '65.

DONETS BASIN—PALYNOLOGY

Boundary between the Triassic and Jurassic in the northwestern margin of the Donetsk Basin based on data of spore-pollen analysis. I. E. Semenova. *Geol. zhur.* 25 no. 6:98-100. '65.

DONETS BASIN—PEBBLES

Carboniferous limestone pebble in the Permian sediments of the Donets Basin. S. P. Bonch-Bruyevich, I. U. Lapkin, M. I. Shamayev. *Bull. MOIP. Otd. geol.* 11 no. 1:151-156 Ja-F '66.

DONETS BASIN—PROSPECTING—GEOPHYSICAL METHODS

Accuracy of the results of logging and core drilling in the eastern regions of the Donets Basin. V. V. Popov, *Razved. i okh. nedr.* 32 no. 1:56-58 Ja '66.

DONETS BASIN—STIBNITE

Characteristics of the formation of arsenopyrite and antimonite in one of the deposits of the Nikitovka ore zone. A. F. Horovol. *Dop. AN URSS* no. 1:114-116 '66.

DONETS RANGE—OSTRACODA, FOSSIL

Some new species of the genus *Cythereoidea* Alexander (Ostracoda) from the Maasticht in the southern margin of the Donets Range. T. A. Selezneva. *Paleont. sbor.* [L'vov] no. 2 pt. 1:60-64 '65.

DONETSK—BOOKSTORES

With youthful vigor. N. Bar'ev. *Knizh. toig.* 17 no. 1:22 Ap '66.

DONETSK—TELEVISION BROADCASTING

What is the main point of the controversy? M. Mitonov. *Sov. radio i tel.* 12 no. 4:9-10 Ap '63.

DONETSK PROVINCE—PAYMENT

Improvement of payments gives economic result. Z. Kono-patskaya. *Den. i kred.* 24 no. 3:56-58 Mr '66.

DOOR FITTINGS

Russia (1923- U.S.S.R.). Glavnoe upravleniye po mezh-respublikanskim posylkam lesa i stroyitel'nykh materialov. [Manual of window and door fittings] Spravochnik na ekonomye i dvernye pribory. Rosl. M. P. Sushchev. Pod red. A. G. Pogodova. Moskva, Stroiizdat, 1960. 134 p.

DOORS

Panel doors faced with plastic material. *Der. prom.* 15 no. 2:14 F '66.

DOPPLER EFFECT

Doppler effect. V. M. Rudlak. *Uch. zap. Kal. gos. ped. inst.* 33:67-71 '63.

Doppler effect in the motion of images. P. Paradoxaov. *Usp. fiz. nauk* 88 no. 3:565-568 Mi '60.

DORMANCY IN PLANTS

Resistance of rice to germination on stalk. A. P. Smetanin, K. M. Navalman Nambudiri. *Vest. sel'khoz. nauk* 10 no. 9:56-61 Ja '65.

DORMICE see subdivision under Oka Terrace Preserve

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881

Kirpichin, V. I. A. [Dostoevskii in the styles] Dostoevskii v shestidesyate gody. Moskva, Khudozhestvennaya literatura, 1966. 553 p.

The methods of narration in "A gentle woman," a tale by F. M. Dostoevskii, V. A. Tushinnov. *Vest. LGU* 20 no. 2:100-115 '65.

This year's performances of Dostoevskii's works: "Uncle's dream" in the Moscow Theater and "The humiliated and the insulted" in the N. V. Gogol Theater of Drama in Moscow. E. Pollakova. *Teatr* 26 no. 7:67-62 Ji '65.

DOUBLE REFRACTION see Refraction, Double

DOUGH

Pressure distribution in the dough. E. D. Zolotov. *Khleb. i kond. prom.* 10 no. 3:20-21 Mr '66.

DOVZHENKO, ALEKSANDR PETROVICH, 1894-1956

Defense of a doctoral dissertation. *Rad. lit.* 10 no. 1:94 Ja '66.

DRAGONFLIES

New method for the construction of a genealogical table and the phylogenesis of fossil and recent dragonflies. I. U. M. Zaleskii. *Paleont. sbor.* [L'vov] no. 2 pt. 1:13-24 '65.

DRAINAGE

(see also subdivision under Latvia; Lithuania; Omsk Province; Turkmenistan)

Characteristics of farmland improvement and effective methods of drainage and reclamation of lands over-saturated with water in the non-Chernozem belt. N. I. Smirnov. *Vest. sel'khoz. nauk* 11 no. 3:24-35 Mr '66.

Drainage system of porous concrete pipes without rubble-gravel filters. B. Kleshov. *Gid. i mel.* 18 no. 1:34-42 Ja '66.

Hydrotechnical calculation of drying systems for peat deposits. V. F. Mitin. *Torf. prom.* 43 no. 1:37-38 '66.

Moist method of laying polyethylene bridge pipes. N. S. Anokhin. *Torf. prom.* 43 no. 2:10-12 '66.

Perforation of plastic drainpipes. A. I. Klimko, V. M. Pashinskii. *Gid. i mel.* 18 no. 3:35-40 Mr '66.

Regulating the bottom gradient of a trench by a light beam. L. Kamyshentsev, E. Ivanov. *Tekhn. v sel'khoz.* 26 no. 1:21-22 Ja '66.

Studying translocation of water in drained peat bogs by the method of radioactive indicators. D. S. Dzekteer, N. L. Dzh. *Gid. i mel.* 18 no. 2:34-38 F '66.

Tasks of hydraulic engineering in 1966. E. D. Alekseevskii. *Gid. i mel.* 18 no. 2:6-6 F '66.

Water flow to a discontinued drainage consisting of a linear row of horizontal imperfect tubular and blind drains. A. I. Oleinik, V. M. Shestakov. *Prikl. mekh.* 2 no. 1:106-114 '66.

DRAINAGE—EQUIPMENT AND SUPPLIES

Technology of building plastic pipe drainage systems using the MED-O machine. E. Bogatov. *Tekhn. v sel'khoz.* 26 no. 3:33-35 Mi '66.

Trich diggers with scraping working parts for the construction of drainage networks. V. Surkov. *Tekhn. v sel'khoz.* 26 no. 2:35-36 F '66.

DRAKE PASSAGE—OCEANOGRAPHY

Quantity of liquid and heat flow through the Drake Passage. V. N. Vorob'ev, B. V. Gindysht. *Inform. blud. Sov. antark. eksp.* no. 5:133-39 '65.

DRAMA—ADDRESSES, ESSAYS, LECTURES

Shaw, George Bernard. [Shaw on theatre. Translated from the English] O dramo i teatre. Moskva, Izd-vo inostr. lit-ry, 1963. 630 p. (KU)

DRAMA FESTIVALS see subdivision under Warsaw

DRAMATIC CRITICISM

Entertainment or alienation. O. Radishcheva. *Teatr* 27 no. 1:61-64 Ja '66.

Some thoughts on the status of young actors in the theater, and their attitude toward criticism. I. Druze and others. *Teatr* 26 no. 7:68-75 Ji '65.

DRAWING—INSTRUCTION

Introduce your child to the world of beauty. I. Budzhe-lan, Doshk vosp. 39 no. 3:73-74 Mi '66.

DRAWING (METALWORK)

Changes in metal thickness in drawing the fuel tank of the ZIL-157 motor truck. E. M. Deviatova. *Avi. prom.* 32 no. 2:15-47 F '66.

Character of metal deformation during the drawing of bimetal round section rods. L. S. Eli'man. *TSvet. met.* 39 no. 2:71-74 F '66.

Determining an optimum tube length during drawing. I. U. F. Shevkin, A. M. Kytkov, V. A. Tshin'nikov. *TSvet. met.* 39 no. 1:69-72 Ja '66.

Drawing of cylindrical parts having a flange. V. I. Vei-shlin. *Izv. vys. ucheb. zav. mashinostr.* no. 120-125 '65.

Effect of temperature on the changes in the rigidity along the drawing rib of a die. I. U. T. Kondrashov. *Samoletost. i tekhn. vozd. flota* no. 4:138-141 '66.

New technological lubricants for drawing tubes of aluminum and its alloys. V. I. A. Shapko and others. *TSvet. met.* 39 no. 1:72-75 Ja '66.

Reduction of the pulling force, and determination of technological parameters for the tube drawing process with ultrasonic vibrations of the draw plate. V. V. Nosol'. *O. M. Rybnik. Stal'* 26 no. 2:159-162 F '66.

Studying the process of pushing rods into draw plates. N. N. Sokolovskii. *Izv. vys. ucheb. zav. cheb. n. mel.* 9 no. 3:117-119 '60.

DREDGING

Improving the work processes in the dredging fleet. B. Gridchin. *Mor. flot* 26 no. 2:40-41 F '66.

DREDGING MACHINERY

Spil'kovskii, M. I. [Vessels of the dredging and auxiliary fleet] Suda tekhnicheskogo i vspomogatel'nogo flota. Moskva, Transport, 1965. 204 p.

Type motor anchor barge for use on rivers. M. Zvenigorodskii. *Rech. transp.* 23 no. 6:45 Je '64.

DREDGING MACHINERY—ELECTRIC DRIVING

Automated electrical drive of a large suction-type coal dredge with electromagnetic clutches and nonferromagnetic mixture. N. E. Kuznetsov. *Trudy VZEI* no. 27:76-83 '64.

DREDGING MACHINERY—EQUIPMENT AND SUPPLIES

Calculation of some structural elements of the sand pump. V. Volkov. *Rech. transp.* 23 no. 6:41-13 Je '64.

Work regime of the differential manometer in the SARZ-4K automatic control system of dredges. V. Khakhanin. *Rech. transp.* 23 no. 6:38-39 Je '64.

DREDGING MACHINERY—MAINTENANCE AND REPAIR

Organizing the repair and maintenance of the automatic control equipment on vessels of the Waterway Administration of the Northern Basin. M. Sandler. *Rech. transp.* 23 no. 6:40 Je '64.

DREDGING MACHINERY—VIBRATION

Study of low-frequency oscillations in the internal delivery of the bucket chain of a dredge and methods for suppressing them. B. Sh. Buglin. *Trudy VZEI* no. 27:50-62 '61.

DRIFTING ICE STATIONS

Disturbance of the magnetic field in the region of the drift of the "Severnyi polus-8" station. N. A. Millar. *Probl. Arkt. i Antark.* no. 2:172-80 '65.

DRILL (AGRICULTURAL IMPLEMENT)

Repairing a disc furrow opener. I. U. Kostukov. *Tekhn. v sel'khoz.* 26 no. 2:71-73 F '66.

DRILLING AND BORING MACHINERY

Manufacturing the KU-201 high-precision universal boring machine. V. I. Molodtsov. *Bull. tekhn. ekon. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform.* 10 no. 1:32-32 Ja '66.

DRILLING MUDS

(see also subdivision under Carpathian Mountain region, Gruziny; Stavropol Territory)

Automatic feeding of muds into a well when hoisting drill pipes. U. D. Mamadzhanov, G. A. Podvaikov, S. Z. Iagudin. *Gaz. prom.* 11 no. 2:19-21 '66.

Double use of the PAB-60 flushing aggregate. A. Popov. *Neftnik* 10 no. 12:28-29 D '65.

Experience in using the induction flowmeter for measuring flushing fluids and cement slurries. V. Kh. Shul'gin. *Mash. i nef. obor.* no. 2:31-33 '66.

Methods for calculating a mixer for noncompression aeration of drilling fluids. L. M. Ivachev, L. V. Markarov. *Izv. vys. ucheb. zav. geol. i razv. 9 no. 1:100-106 Ja '66.*

New defoamers for outgassing flushing fluids. A. N. Anan'ev, M. I. Lipkin, R. S. Nosova. *Buents* no. 2:22-25 '66.

Retarding setting of cement slurries. N. A. Mar'ianpol'skii. *Buents* no. 2:29-33 '66.

Some properties of foams and air-water mixtures. V. A. Amlian, I. M. Muradian. *Neftprom. delo* no. 3:12-14 '66.

Using multiasonic disperser for preparing emulsified flushing fluids. A. T. Levchenko, I. I. Chernyshev, I. U. M. Novikov. *Buents* no. 2:20-22 '66.

Using the galvanic couple for feeding bottom telemetering apparatus in drilling. V. I. Lipet, V. V. Rybakov, A. P. Kuz'minov. *Mash. i nef. obor.* no. 2:31-34 '66.

Using the KSB3 reagent for treating clay solutions. A. A. Pitado, S. Kh. Golubev. *Razved. i okh. nedr.* 31 no. 12:26-28 N '65.

DROMEDARIES see Camels

DROPS

Determination of the interphase surface in a continuous mechanical mixer for liquid-liquid systems. S. Z. Kagan, I. U. N. Kovalev. *Khim. prom.* 42 no. 3:102-108 Mr '66.

DROSOPHILA

Effect of 2,4-dinitrophenol on the mutation frequency in sperm cells and spermatozoa of *Drosophila* irradiated with gamma rays. E. A. Abchev. *Genetika* no. 1:116-118 Ja '65.

Genetic structure of the second chromosome in the laboratory population of *Drosophila melanogaster* D-32 line. B. V. Shitlenko. *Bull. MOIP. Otd. biol.* 71 no. 1:115-122 Ja-F '66.

DROUGHTS

Rusty spots on the body of our land. V. Oshenko. *Agultura* 33 no. 3:43-45 F '66.

DRUG INDUSTRY see subdivision under Ukraine;

Yoshkar-Ola (Mari A. S. R.)

DRUG METABOLISM

Accumulation of Thio-TTPA in rat by the proteins of tumors and non-Perezovskaya and others. *Voi* 51-54 Ja-F '66.

DRUGS

(see also subdivision under Azari) New medical remedies. I. M. Kravtshur. 18 no. 6:80-82 '63.

Obtaining and properties of some fatty auxiliary substances in the technology of Zhoglo. *Farmats. zhur.* 21 no.

DRUGS—ADULTERATION AND ANALYSIS

Accelerated method of ashing organic preparations with the fumes of nitric acid. D. M. Ruditskii. *Apt. del. Mye-Je* '65.

Analysis of some medicinal preparations chromatography. M. M. Shcherbak. *zhur.* 20 no. 4:17-20 '65.

DRUGS—ADULTERATION AND ANALYSIS (Continued)

Color reactions for furadonin, furazolidone and furacilin
V. A. Tarova, N. I. Vestfal' Apt. delo 14 no. 3, 60-61
My-Je '65

Control of the quality of drugs containing 10
substances according to data of Soviet pharmacopoeias
R. M. Nazarov Apt. delo 15 no. 171-76 Ja-F '66

Detection of barbital in medicinal mixtures by the
microcrystalloscopic method V. I. Lobanov, Apt.
delo 15 no. 176-78 Ja-F '66

Spectrophotometric and photometric colorimetric determina-
tion of picnidione and picnidolone and their medicinal
forms using 2, 3, 5-triphenyltetrazole chloride
L. I. Kovalenko Izmestse' zhur 20 no. 15-8 '65

DRUGS—DOSAGE

Estimation of the average fatal dose. P. Z. Lifshits,
Farm. i tekhn. 29 no. 113-117 Ja-F '66

DRUGS—EFFECT ON MICRO-ORGANISMS see Micro-
organisms, Effect of drugs on

DRUGS—HANDBOOKS, MANUALS, ETC.

Uravtsev, I. F., ed. [Medicinal preparations]
[Lekarstvennyye preparaty. Izd. 6. Minsk, Nauka i
tekhnika 1966. 513 p.
(DNLM)]

DRUGS—PHYSIOLOGICAL EFFECT

Alcoholamine metabolism as the object of the effect of
medicinal substances. S. B. Frantsuzova Farmatsev.
zhur. 21 no. 1-63-68 '66

DRUGS—PRESERVATION

Possibilities of preparing sterile solutions in flasks
previously used for antibiotics L. M. Sapozhnikov
Apt. delo 15 no. 179 Ja-F '66

DRUGS—SIDE EFFECTS

Pharmacological effects on the neural regulation of coronary
blood circulation N. V. Kaverina. Vest. AMN SSSR
21 no. 4-9-15 '66

DRUGS—STANDARDS

Use of photoelectrocolorimeter for the standardization
of BCG vaccines. E. N. Leshchinskaya. Probl. tuz.
no. 3 71-74 '65.

DRUGSTORES

(see also subdivision under Lvov, Poltava Province,
Rostov-on-Don, Soviet Central Asia, Uzhgorod)

Determination of the area for the aseptic section P. V.
Lopatkin, T. I. Toltsman. Apt. delo 14 no. 3 14-18
My-Je '65.

Organization of work and working areas in pharmacies,
E. I. Panchenko and others Apt. delo 15 no. 111-19
Ja-F '66

Organization of working space for the assistant A. M.
Lyvun. Farmatsev. zhur. 21 no. 1-86-88 '66.

Preparation of injection solutions in the drugstore,
V. O. Mikhailuk. Farmatsev. zhur. 21 no. 1-85-88 '66.

Study of the demand for medications by drugstores.
L. T. Zhelezovskaya, L. H. Shmaruk Farmatsev. zhur.
21 no. 1-73-75 '66.

DRUGSTORES—EQUIPMENT AND SUPPLIES

(see also subdivision under Communist countries)

A car for each central district drugstore A. I. Iuts,
Farmatsev. zhur. 21 no. 1-88-89 '66.

The latest and most advanced for the drugstores I. N.
Koiyova, T. K. Shuroleva. Farmatsev. zhur. 21 no. 1;
76-81 '66.

DRUGSTORES—INSPECTION

Discussion of M. M. Bushkova's article "Brigades of vol-
unteer controllers in drugstores" A. O. Nen'ko, R. P.
Huhis, F. L. Buhachenko Farmatsev. zhur. 18 no. 6
72-75 '63.

DRUGSTORES—INVENTORIES

Methods of simplifying inventory in drugstores A. P.
Kagan and others. Apt. delo 14 no. 3 11-14 My-Je '65

DRUGSTORES—MANAGEMENT

Raise the level of planning and the economy of drug-
stores. A. I. Tenisova Apt. delo 15 no. 1-3-5 Ja-F
'66.

DRUNKENNESS (CRIMINAL LAW)

Effective method of fighting drunkenness. I. Novokoshonov
Sov. iust. 30 no. 5, 22-23 Mr '66.

DRUSKINKAI (LITHUANIA)—HEALTH RESORTS, WATERING PLACES, ETC.

Druskininkai, a health resort, R. Ur'ev. Okhr. truda i
sola. strakh. no. 3 23-29 Mr '66.

Treatment of patients with chronic cholecystitis at the
Druskininkai Health Resort I. V. Kozlovskii Sov. med
29 no. 1 103-108 Ja '66

DRUZHININ, NIKOLAI MIKHAILOVICH, 1886-

Academician N. M. Druzhinin's 80th birthday. Ist SSSR
10 no. 1231-232 Ja-F '66

DRYING APPARATUS

Economic effectiveness of using gas equipment for drying
buildings under repair T. N. Smysheleva, Nauch. izv.
AKhI no. 31 Zhil. i hoz. no. 3 20-26 '64.

Heat exchange between gas and the stream of particles
falling from the paddles of a drum dryer N. M. Mikhail-
ov, L. A. Mamukova Khim. i nef. mashinost. no. 1
29-31 Ja '66

Lobachev, P. D. [Heat exchangers, drying apparatus and
refrigerating plants] Teploobmennye, suшил'nye i
kholodil'nye ustanovki Moskva, Energiya, 1966 287 p.
Method of calculating devices of fluidized beds for polymer
materials G. I. Podganyl Izv. vys. ucheb. zav., stroi.
i arkh. 9 no. 1 156-160 '66

Using mechanized dryers as reaction-and-drying
apparatus in the aniline dyes industry. B. S. Sazhin
and others. Khim. prom. 42 no. 3:198-203 Mr '66.

DUENA—BUBBLE CHAMBER

Unique apparatus for nuclear research; two-meter-long
propane bubble chamber M. I. Solov'ev, I. V. Chuvilo
Priroda 55 no. 3 66-70 '66.

DUDROVITSA DISTRICT—SCHOOL LUNCHROOMS, CAFETERIAS, ETC.

Lunchrooms in rural schools A. Latushko Sov. potreb.
koop. 10 no. 2:20 F '66

DUCKWEED

Flavonoids of the duckweed. Report No. 3; Luteolin-7-
β-D-glucopyranoside. O. I. Tikhonov Farmatsev. zhur.
21 no. 1:52-55 '66.

Revised developmental order of combs in irradiated
colonies of the duckweed Lemna minor V. B. Kasinov
Dokl. AN SSSR 167 no. 1 201-204 Mr '66

DUDEROV, GRIGORII NIKOLAEVICH, d. 1905

G. N. Dudarov, an obituary. Stek. i ker. 23 no. 3:17 Mr
'66.

DUDIN, MIKHAIL ALEKSANDROVICH, 1910-

Mokdaskii, D. M. [About Mikhail Dudin, the blockade,
poetry in the war, and our generation] O. Mikhailie
Dudine, blockade, stikhnik na volno i nashem pokolenii.
[Leningrad] Lenzdat, 1965 98 p.

DUDINKA—AMATEUR THEATRICALS

Bring happiness to the people. N. Tatarskaya. Sov. prof.
soluzy 22 no. 1 28-29 F '66.

DUNCAN, ISADORA, 1878-1927

"Take every day a happy one..." S. Rudnaya. Doshk.
vosp. 39 no. 2:66-73 F '66.

DUODENUM—DISEASES

Problems of gastroduodenal pathology from the viewpoint
of the practical doctor. A. M. Silvanov Voen.-med.
zhur. no. 2 31-36 F '66.

DUODENUM—INFLAMMATION

Clinical aspects and diagnosis of chronic duodenitis
N. B. Shekhpak. Sov. med. 29 no. 2:34-37 F '66.

DUODENUM—SURGERY

Closing penetrating hemorrhagic ulcers of the duodenum.
K. A. Smirnova. Khirurgiya 42 no. 3:33-34 Mr '66.

Inclusion of the duodenum after gastroectomy. B. P.
Ladnuk. Khirurgiya 42 no. 3:133-135 Mr '66.

Partial exclusion of the duodenum with complete intersec-
tion of the descending part in the surgical treatment of
duodenal diverticula: experimental study. O. V. Dubinkin.
Khm. khir. no. 6:24-28 '66.

Penetrating duodenal ulcers and their surgical treatment.
T. I. Shumanova. Khirurgiya 42 no. 3:9-13 Mr '66.

DUODENUM—TUMORS

Benign tumors of the duodenum; 2 observations. V. N.
Koshchev. Vop. onk. 12 no. 3:97-98 '66.

DUODENUM—ULCERS

Closing penetrating hemorrhagic ulcers of the duodenum.
K. A. Smirnova. Khirurgiya 42 no. 3:33-34 Mr '66.

Penetrating duodenal ulcers and their surgical treatment.
T. I. Shumanova. Khirurgiya 42 no. 3:9-13 Mr '66.

DURALUMIN—CORROSION

Corrosion resistance of D16ATV sheet duralumin. A. V.
Karimshov. A. D. Gnatiuk, V. P. Tokarev. Samoletostr.
i tekhn. vozd. flota no. 1 98-103 '65

DUST

Method of determining the dust-absorbing capacity dust
permeability of some textile materials. M. I. Sukhachev.
Izv. vys. ucheb. zav.; tekhn. i leg. prom. no. 1 17-20 '66.

DUST—REMOVAL

Regularity of the process of dust collection in unfloored
packed scrubbers. V. M. Koslin, K. N. Shabalina. Khim.
prom. 42 no. 3:204-209 Mr '66

Study and development of the methods of dust control in
the maintenance and repair of passenger cars L. S.
Shashunov Trudy TSNII MPS no. 206 97-166 '65

DUST COLLECTORS—EFFICIENCY

Increased efficiency of dust collecting equipment in
development faces G. M. Ientakov Ugol' 41 no. 1
61-65 Mr '66

Studying the efficiency of dust collecting in unfloored cyclone
M. I. Fes'kov. Ugol' 41 no. 1:71 Mr '66

DUST STORMS see subdivision under Kazakhstan

DUVALIER, FRANCOIS, 1901-

Papa Duvalier, the possessed tyrant of Haiti. S. A. Gombas
skil. Nov. i novolsh. i sl. no. 2 44-55 '66.

DYES AND DYEING

Influence of strong electrolytes on the micellar adsorption
of direct dyes and the structure of adsorption layer on
carbon surfaces A. M. Koganovskii Koll. zhur. 28
no. 1 63-69 Ja-F '66

Micellar adsorption of direct dyes on aluminum oxide
from water solutions of salts A. M. Koganovskii
Koll. zhur. 28 no. 1 59-62 Ja-F '66

New dyes and the "TVV" Table of Dye Specifications; ac-
tive dyes. Tekst. prom. 26 no. 3:61-62 Mr '66.

Using phosphomolybdates of basic dyes for the extraction-
photometric determination of phosphorus. A. K. Bzhko,
I. U. F. Shkaravali, V. I. Kullik. Zhur. anal. khim. 21
no. 2:190-190 '66.

DYES AND DYEING—CHEMISTRY

Active triarylmethyl triazine dyes. V. F. Borodkina,
I. S. Semenova, N. A. Volkova Izv. vys. ucheb. zav.
i khim. i khim. tekhn. 8 no. 8:993-995 '65.

Bond strength of active dyes with cellulose. M. G. Roma-
nova, M. A. Chekhalina. Tekst. prom. 26 no. 3:52-53
Mr '66.

Modification of basic dyes with the use of epichlorohydrin.
A. A. Khachkharov, L. P. Kovzhina Izv. vys. ucheb. zav.,
tekhn. i tekhn. prom. no. 1:115-120 '66.

Role of the hydrophobic surface of dye molecules in the
dyeing process B. N. Mel'nikov, V. N. Khusov, V. G.
Radugin. Izv. vys. ucheb. zav. i khim. i khim. tekhn.
8 no. 6:996-1000 '65.

Spectrophotometric analysis of association in the aqueous
solutions of triphenylmethane dyes. K. S. Krasnov,
G. V. Shilova. Izv. vys. ucheb. zav. i khim. i khim. tekhn.
8 no. 6:915-920 '65.

Using mechanized dryers as reaction-and-drying
apparatus in the aniline dyes industry. B. S. Sazhin
and others. Khim. prom. 42 no. 3:190-203 Mr '66.

DYES AND DYEING—COTTON

Using ammonium sulfate in dyeing cotton fiber with "Z"
blue sulfur dyes. G. E. Sladkovtseva, A. V. Shumanova
Tekst. prom. 26 no. 3:56-60 Mr '66.

DYES AND DYEING—NYLON

Dyeing of bulked nylon fibers with disperse metalized
dyes. N. P. Lobodeva, M. V. Kozhagin. Izv. vys. ucheb.
zav.; tekhn. i tekhn. prom. no. 1:110-111 '66.

DYES AND DYEING—RAYON

Bond strength of active dyes with cellulose. M. G. Roma-
nova, M. A. Chekhalina. Tekst. prom. 26 no. 3:52-53
Mr '66.

Dyeing of acetate knit fabrics. L. G. Smirnova. Tekst.
prom. 26 no. 3:54-55 Mr '66.

Studying the kinetics of direct dye desorption from cellu-
lose fibers. B. N. Mel'nikov, I. B. Blinicheva, M. N.
Kritillova. Izv. vys. ucheb. zav.; tekhn. i tekhn. prom. no. 1
104-109 '66.

DYES AND DYEING—TEXTILE FIBERS

Role of the hydrophobic surface of dye molecules in the
dyeing process. B. N. Mel'nikov, V. N. Khusov, V. G.
Radugin. Izv. vys. ucheb. zav.; khim. i khim. tekhn.
8 no. 6:998-1000 '65.

Use of thiourea dioxide in the single-phase suspension
method for dyeing cotton and staple fabrics with vat dyes.
N. I. Prorokov and others. Tekst. prom. 26 no. 3:56-58
Mr '66.

DYNAMICS

Using the moire method in solving the one-dimensional
problem of dynamics. V. G. Zhurba, V. V. Mieshin, V. A.
Sharovarov. Prikl. mekh. 2 no. 3:66-71 '66.

DYNAMICS, RIGID

Equation of state for "rigid spheres." A. M. Evseev,
V. G. Chervin. Zhur. fiz. khim. 40 no. 3:623-630
Mr '66.

DYNAMICS see Electric generators

- DYSENTERY**
(see also subdivision under Sunlight, Azeitanjan)
Antiemetic and cholagogue medications of the blood in acute bacterial dysentery in children. P. D. Kuts
Azerb. med zhur. 41 no. 12-11-18 D '61.
- Dominachev, V. M.** [Dysentey] Dizenleriya, Kiev, Zdorov'ia, 1966. 241 p. (Biblioteka prakticheskogo vracha) (DNLN)
- Indices of the activity of ceruloplasmin and the copper and zinc content in the blood of patients with typhoid fever and dysentery treated with levomycesin M. A. Boiava Sov. med. 28 no. 1 59-63 Ja '66
- Oxygen therapy of dysentery in a polyclinic. M. S. Shar. Sov. med. 27 no. 5 111-117 M. '64.
- DYSPEPSIA**
Producing and using gamma globulin in dyspepsia of lambs. N. V. Klenina and others. Veterinariia 42 no. 1 55-57 Ja '66.
- DZERZHINSK (GORKYI PROVINCE)—LIBRARIES AND READERS**
The departments are different but their goals are the same. V. Matkina. Bibliotekar' 43 no. 3 26-27 M. '66.
- DZERZHINSKI, FELIKS EDMUNDOVICH, 1877-1926**
Dzerzhinskii, F. E. [Dalry of a prisoner. Letters. Translated from the Polish] Dnevnik zakliuchennogo. Pisma. [Moskva] Molodota gvardiia, 1966. 332 p. (Tebe v dorogu, romantik)
- DZHALIL', MUSA, 1906-1944**
Our Musa. Kh. Zabirova. Sov. muz. 30 no. 3 81 Mr '66.
- DZHAMBUL—BANKS AND BANKING**
Control over the fulfillment of the payment and receiving plan. M. Dzhankeev. Den. i kred. 24 no. 3 53-51 M. '66.
- DZHANGIL'DIN, ALIEM TOGZHANOVICH, 1884-**
New documentary materials relating to the work of A. T. Dzhangil'din. Vop. Ist. KP Kazakh. no. 2 211-255 '64
- DZHIER OIL FIELD—PETROLEUM GEOLOGY**
Geological structure and the conditions governing the formation of the Dzhier oil field. B. I. A. Vasserman, A. I. Matvienko, N. V. Sazonov. Geol. nefit i gaza 9 no. 3 11-14 Mr '65.
- DZIETYSU** see Semirech'ye
- DZHEYRANKHECHMAZ DEPRESSION—GAS, NATURAL—GEOLOGY**
Some characteristics of the distribution of gas condensate and oil pools in the southwestern margin of the Dzheyrankechmaz Depression. K. A. Ismailov, I. A. Abbasov. Geol. nefit i gaza 10 no. 1 15-20 Ja '66.
- DZHEYRANKHECHMAZ DEPRESSION—PETROLEUM GEOLOGY**
Some characteristics of the distribution of gas condensate and oil pools in the southwestern margin of the Dzheyrankechmaz Depression. K. A. Ismailov, I. A. Abbasov. Geol. nefit i gaza 10 no. 1 15-20 Ja '66.
- DZHEZKAZGAN DEPRESSION—GAS, NATURAL—GEOLOGY**
Tectonics and prospects for finding oil and gas in the northwestern part of the Dzhezkazgan Depression. A. S. Ivanushko. Mat. po geol., geofiz. i geokhim. Uzb., Kazakh., Zabaik. no. 2 24-35 '64.
- DZHEZKAZGAN DEPRESSION—GEOLOGY, STRUCTURAL**
Tectonics and prospects for finding oil and gas in the northwestern part of the Dzhezkazgan Depression. A. S. Ivanushko. Mat. po geol., geofiz. i geokhim. Uzb., Kazakh., Zabaik. no. 2 24-35 '64.
- DZHEZKAZGAN DEPRESSION—PETROLEUM GEOLOGY**
Tectonics and prospects for finding oil and gas in the northwestern part of the Dzhezkazgan Depression. A. S. Ivanushko. Mat. po geol., geofiz. i geokhim. Uzb., Kazakh., Zabaik. no. 2 24-35 '64.
- DZHEZKAZGAN REGION (KAZAKHISTAN)—ORE DEPOSITS**
Some characteristics of wallrock changes in the Dzhezkazgan deposit. V. A. Kim, G. S. Safargaliyev. Vest. AN Kazakh. SSR 22 no. 2 51-60 F '66.
- EAR**
Your health. Organ of hearing and noise. V. Volgin. Av. i kosm. no. 4 59-61 Ap '66.
- EAR—DISEASES**
Vestibular neuritis. V. S. Otssov. Zhur. nevro. i psikh. 66 no. 3 398-402 '66.
- EARED SEALS** see subdivision under Japan Sea
- EARTH—FIGURE**
Determining the vertical gradient of terrestrial acceleration of the real earth. I. F. Monin. Dop. AN URSS no. 1 76-79 '66.
- EARTH—INTERNAL STRUCTURE**
Formation of folds in a packet of laminae. A. K. Egorov. Izv. AN Kazakh. SSR. Ser. fiz.-mat. nauk 4 no. 1 80-83 Ja-Mr '66.
- Shock compression of rock lase and quartz and the composition of the lower mantle. L. V. Al'tshuler, R. F. Tsiman, G. V. Simakov. Izv. AN SSSR, Fiz. zem. no. 10, 1-6 '65.
- Study of the earth's structure. Sh. Ragimov. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 3 3-9 '65
- Study of the upper mantle of the earth: confidence in Canada. V. V. Belyusov. Vest. AN SSSR 36 no. 1 93-95 Ja '66
- Studying the earth's upper mantle on the basis of body waves. E. F. Savitskiy. Izv. AN SSSR, Fiz. zem. no. 3 3-14 '66
- EARTH—SURFACE** see subdivision under Lena Valley, Pamirs; Transcaucasia
- EARTH CURRENTS**
Effect of the threadlike ring of equatorial current on the geomagnetic cutoff of directed cosmic radiation. L. I. Dorman, M. I. Tsiasto. Kosm. luch. no. 7 121-130 '65.
- Effect of the western current, distributed over the sphere, on the geomagnetic cutoff. L. I. Dorman, M. I. Tsiasto. Kosm. luch. no. 7 131-131 '65.
- Possible use of geomagnetic storms in studying the electrical characteristics of the earth. M. B. Goldberg. Dokl. AN SSSR 166 no. 1 651-653 F '66.
- EARTH DAMS**
Hydraulic method of constructing hydrodynamic networks of the movement during seepage of water through earth dams. A. A. Ugolchins. Nauch. trudy KHIMF no. 60 3-21 '62
- Percolation of water on the downstream slope of the hydraulic fill dam after it had been put into operation. M. I. Shumakov, A. I. Nemilov. Gid. strol. 35 no. 2 7-8 F '65
- EARTH MOVEMENTS**
Recent movements of the crust. N. S. Blagovolin. Zem. i vesl. 2 no. 1 56-53 Ja-F '66.
- EARTH SATELLITES** see Artificial satellites
- EARTH TEMPERATURE**
(see also subdivision under Chulym-Yenisey Basin)
Geothermal convection. E. B. Chelakhiuk. Geol. i geokhim. nefit, gaz, mestorozh. no. 3 3-14 '65.
- Geothermal effect of ground water travel. I. U. G. Bogomolov, I. U. V. Shukov. Dokl. AN SSSR 10 no. 1 26-28 Ja '66.
- Nature of geothermal anomalies above oil pools. V. H. Osadchyl. Dop. AN URSS no. 1 116-110 '66.
- Review of some theories of the earth's thermal history. Francis Birch. Izv. AN SSSR. Ser. geol. 31 no. 1 39-56 Ja '66.
- Steady-state thermal field of the earth near dome-shaped structures. Part I. A. M. Giluzman. Izv. AN SSSR, Fiz. zem. no. 3 106-110 '66.
- EARTHMOVING MACHINERY**
Overall mechanization of earthwork in the construction of thermal electric power stations. L. B. Naishut, A. P. Chernikov. Energ. strol. no. 4 43-5 '64.
- EARTHMOVING MACHINERY—DESIGN AND CONSTRUCTION**
Economic justification for the redesigning of certain building machines. I. U. V. Bezdinkov. Energ. strol. no. 5 88-92 '65.
- EARTHMOVING MACHINERY—DYNAMICS**
Conference on the dynamics of earthmoving machinery. V. S. Khablov. Strol. i dor. mash. 11 no. 3 39 Mr '66.
- EARTHMOVING MACHINERY—VIBRATION**
Design of swing chimes with hinged sections of the chime rib for free vibrations in the vertical plane. V. V. Gushovskiy. Strol. i dor. mash. no. 2 110-115 '65.
- EARTHQUAKES**
(see also subdivision under Siberia, Western)
Comparison of the epicenter zones of aftershocks with the principal elements of relief and the stresses in the focuses of their main shocks. N. S. Borovkin, K. V. Pehennikov. Geol. i geofiz. no. 8 127-130 '65.
- [Earthquakes in the U.S.S.R. in 1963] Zemel'traseniia v SSSR v 1963 godu. Moskva, Nauka, 1966. 201 p.
- Problems in the physics of earthquakes. I. U. V. Ritznichenko. Izv. AN SSSR, Fiz. zem. no. 2 3-24 '66.
- EARTHQUAKES AND BUILDING**
(see also subdivision under Crimea)
Determining loads on large hydraulic structures during seismic action. P. P. Kul'manch. Izv. VNIIG 77 300-317 '65.
- Elements of earthquake resistant large-panel apartment houses of series 1-461. L. Gendelman. Zhil. strol. no. 2 2-6 '66
- High buildings in earthquake districts. A. Churman. Zhil. strol. no. 2 7-8 '66.
- Latest earthquake-proofing of buildings made of low-grade stone. I. Komandina. Strol. i arkh. 12 no. 4 36-37 Ap '64
- Seismic resistance factor in architecture. I. A. Aizenberg. Sov. arkh. no. 17 79-80 '65.
- Using a cushioning method to protect buildings from destruction by earthquakes. I. Zelenkov. Zhil. strol. no. 2 8-11 '66.
- Volkov, I. U. A., S. M. Ostrokhov, and I. U. P. Zatsarianyi.** [Mechanization of the preparatory operations in housing construction in earthquake districts] Mekhanizatsia rabot nuzhego (skita v zhilishchnom stroitel'stve seismicheskikh rayonov, Petropavlovsk-Kamchatski, Dal'novostochnoe knizhnoe izd-vo, 1964. 20 p. [MICROFILM])
- EARTHWORK**
New formulas for calculating the volume of earthwork for linear structures. I. V. Buzinaev, L. V. Sergeev. Probl. gidroenerg. i vod. khuz. no. 3 110-154 '65.
- Problems in studying the probability factor of the soil cutting process. I. U. A. Votkov, V. V. Vlasov. Gor., strol. i dor. mash. no. 2 3-11 '65.
- Vibratory cutting of frozen soils. V. L. Batadinskiy. Gor., strol. i dor. mash. no. 2 56-65 '65.
- EAST (FAR EAST)** see Far East
- EAST (NEAR EAST)** see Near East
- EAST EUROPEAN PLAIN—GEOMORPHOLOGY**
Fundamentals of the geomorphological regionalization of the eastern margin of the East European Plain and the western slope of the Ural. N. V. Vvedenskaya, I. L. Golubova. Nauch. trudy Perm. politekh. inst. no. 12 pt. 2 18-53 '61.
- EAST GERMANY** see Germany, East
- EAST KAZAKHISTAN PROVINCE—RESERVOIRS**
Distribution of potential water-power resources in the mountain river basins of South and East Kazakhstan. N. S. Kalachev, R. I. Apryntseva. Probl. gidroenerg. i vod. khuz. no. 3 111-124 '65.
- EAST KAZAKHISTAN PROVINCE—WOMEN AS JUDGES**
Good word. M. Orlov, M. Kartashev. Sots. zakon. 43 no. 3 50-52 Mr '66.
- EAST SIBERIAN ECONOMIC REGION—CHEMICAL INDUSTRIES**
Feldman, I. Kh. [Ways for the chemicalization of the national economy of the East Siberian Economic Region] Puti khimizatsii narodnogo khoziaistva Vostochno-Sibirskogo ekonomicheskogo raiona. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1964. 90 p. (CSI-II)
- EAST (SOVIET FAR EAST)** see Soviet Far East
- EASTERN EMPIRE** see Byzantine Empire
- EASTERN EUROPE** see Europe, Eastern
- EASTERN SIBERIA** see Siberia, Eastern
- EBULLITION**
Study of a boiling crisis using a model of a cluster of rods. Toploenergetika 13 no. 1 59-64 Ja '66.
- ECCENTRICS (MACHINERY)**
Design of self-gripping eccentrics. S. I. Artemenko. Vest. mashinostr. 46 no. 3 34-35 Mr '66.
- ECCLESIASTICAL PRIVILEGES AND IMMUNITIES** see Privileges and Immunities, Ecclesiastical
- ECUMENADZIN REGION—SOILS**
Soils of the Echemadzin Experimental Station of the Armenian Scientific Research Institute of Agriculture. G. S. Tatevosian, S. S. Sarkisian. Sbor. nauch.-trud. Nauch.-issl. inst. zem. no. 2 94-112 '61.
- ECHINODERMATA—EMBRYOLOGY** see Embryology—Echinodermata
- ECLIPSES, SOLAR—1965**
To Cook Islands to see the lunar shadow. M. N. Gnevyshev. Zem. i vesl. 2 no. 1 64-73 Ja-F '66.

ECONOMIC ASSISTANCE, AMERICAN

American bourgeois studies on U.S. aid to Soviet Russia. D.N. Stashevskii, Vop. ist. 41 no. 4 173-180 Ap '66.

ECONOMIC ASSISTANCE, COMMUNIST see subdivision under Underdeveloped areas

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Underdeveloped areas

ECONOMIC ASSISTANCE, WEST GERMAN see subdivision under Underdeveloped areas

ECONOMIC DEVELOPMENT see subdivision under Siberia

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY

Conditions in the principal capitalist countries. BIKI [Prilozh.] no. 2:3-38 Ap '66.

[Economic conditions of capitalist and developing countries, a survey for 1964 and the beginning of 1965] Ekonomicheskoe polozhenie kapitalisticheskikh i razvivaiushchikh stran, obzor za 1964 g. i nachalo 1965 g. Moskva, Pravda, 1965. 158 p.

General characteristics of the capitalist economy. D.V. Polianin. BIKI [Prilozh.] no. 2:1-3 Ap '66.

Moscow, Institut mezhdunarodnykh otnoshenii, [World economics] Mirovaia ekonomika. Pod red. V.A. Mastenikova. Moskva, 1966. 549 p.

ECONOMIC POLICY—CONGRESSES

Problems of regional integration. I. Korkunov, V. Lubimova. Mir. ekon. i mezhdunar. otn. no. 4:108-113 '66.

ECONOMIC RESEARCH

(see also subdivision under Great Britain; Kazakhstan, Siberia)

Introductory address by Academician M. V. Keldysh. Vest. AN SSSR 36 no. 2 5-8 F '66.

ECONOMIC ZONING

Planning for the comprehensive development of the economic regions of the U.S.S.R. G. Voskanian, A. Sibirskov. Plan. khoz. 43 no. 3:75-82 Mr '66.

Principal differences between capitalist and socialist regional production-regional complexes. N.T. Agalunov, S.B. Lavrov. Vest. LGU 21 no. 6:80-87 '66.

ECONOMICS

Apropos of an "afterword." A. Pashkov. Kommunist 42 no. 1:120-122 Ja '66.

Economic laws and how they are used under socialism. A. Egamberdyev. Ekonom. i zhizn' 8 no. 1:15-19 Ja '66.

Interdependence of civilian and military production under capitalism. G. Kravchenko. Vop. ekon. no. 2:87-95 F '66.

Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiinaya shkola. Kafedra politicheskoi ekonomii. [Political economy] Politicheskaya ekonomiya. Moskva, Mysl'. Vol. 2, 1965. 670 p.

Kronrod, I.A. [Laws of the political economy of socialism; methodological and theoretical studies] Zakony politicheskoi ekonomii socializma, ocherki metodologii i teorii. Moskva, Mysl', 1966. 580 p.

Liberman, I.A. [State budget and the problems of the socialist reproduction of the means of production] Gosudarstvennyi budzhet i problemy socialisticheskogo proizvodstva. Moskva, Finansy, 1966. 257 p.

Lisichkin, G.S. [The plan and the market] Plan i rynek. Moskva, Ekonomika, 1966. 94 p.

More on the subject of political economy. Z. Shul'ha. Ekon. Rad. Ukr. 9 no. 3:19-22 Mr '66.

ECONOMICS—AUDIO-VISUAL AIDS

Economics study room in a technical school. V.S. Kupovantseva. Sred. spets. obr. 13 no. 3:40-43 Mr '66.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—METHODOLOGY

Some characteristics of the study of economic relations. A.I. Golota. Trudy Moskv. vet. akad. 22 no. 2:198-216 '66.

ECONOMICS—PERIODICALS

Through the pages of the January issues of scholarly periodicals. Kommunist 42 no. 1:126-127 Ja '66.

ECONOMICS—STUDY AND TEACHING (see also subdivision under Ukraine)

Conference on the scientific development and teaching of economics in institutions of higher learning. G. Donskol. Vop. ekon. no. 2:155-158 F '66.

Economic training of students of the civil engineering schools. I. P. Tsykunov, N. F. Savitskii. Sred. spets. obr. 13 no. 1:9-12 Ja '66.

Improve the economic training of commodity experts. A. Pechlov, S. Ludozhikh. Sov. iorg. 19 no. 3:31-38 Mr '66.

Let's discuss. E. M. Nemchikova. Sred. spets. obr. 13 no. 1:12-14 Ja '66.

Let's improve the economic education of future technicians. N. I. A. Sakharov, D. M. Uder. Sred. spets. obr. 13 no. 1:7-8 Ja '66.

ECONOMICS, MATHEMATICAL

Determining the optimal capacity of mechanized units. M. Orashin, I. Sukhachev. Ekon. stol. 8 no. 4:51-57 Ap '66.

Krakovich, E.D. [Economy of the expenditure of labor in machinery manufacturing] Ekonomika zatsat truda v mashinostroenii. Odessa, Malak, 1965. 17 p.

Mathematical-statistical methods for economic calculations in grain processing. L. Kochetkov. Muk. elev. prom. 32 no. 1:21-24 Ja '66.

ECONOMICS, MATHEMATICAL—TERMINOLOGY

Standardizing economics scientific symbols. I.U. Dcmin. V. Kolesov. Vop. ekon. no. 2:158-160 F '66.

ECUMENICAL MOVEMENT

Ancient Church councils and the ecumenical movement. (to be continued) N. Zabolotskii. Zhur. Mosk. Patr. no. 2:58-64 '66.

Councils of the early Church and the ecumenical movement. N. Zabolotskii, Zhur. Mosk. Patr. no. 3:53-55 '66.

ECZEMA

Functional gonadal disorders in women with pyoderma and eczema. I. A. Markin. Vest. dermat. i ven. no. 6:11-16 '65.

Late results of treating eczema at the Sobel-Maleseia Health Resort. S. I. Dovzhanitskii, G. D. Privalov. Sov. med. 29 no. 1:139-141 Ja '66.

Treatment of eczema with steroid hormones. M. I. Krupko. Sov. med. 27 no. 5:118-120 My '64.

EDDY ELECTRIC CURRENTS see Electric currents, Eddy

EDIBLE OILS AND FATS see Oils and fats, Edible

EDUCATION

(see also subdivision under Great Britain; Japan; Kazakhstan; Somalia; White Russia)

Breath of the revolution. V. Protsenko. Nar. obr. no. 4:84-89 Ap '66.

From the Commissariat of Education. Sov. pedagog. 30 no. 3:120-122 Mr '66.

In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 3:124-125 Mr '66.

In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 4:125-126 Ap '66.

Leningrad, Universitet. [Connection between school and life] Svin' shkol' i zhizn' iu, sbornik statei. [Leningrad] 1966. 113 p.

Let's carry out the resolutions of the 23d Congress of the CPSU. Nar. obr. no. 1:2-7 Ap '66.

Pedagogical life of the capital. Nar. obr. no. 4:126 Ap '66.

Pedagogical strategy and tactical problems. Nar. obr. no. 3:2-3 Mr '66.

Pollanskii, I.I. [Selected educational works] Izbrannye pedagogicheskie trudy. Pod red. B. E. Naikova. Moskva, Izd-vo Akad. pedagog. nauk, 1962. 173 p. (NBS)

Toward new successes in the development of communism. Sov. pedagog. 30 no. 3:3-12 Mr '66.

Works on school reform in the Commissariat of Education. Vol'noig. Sov. pedagog. 30 no. 3:122-125 Mr '66.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CONGRESSES

Discussion on the methodological problems of education. G. Vorob'ev. Sov. pedagog. 30 no. 3:156-158 Mr '66.

EDUCATION—GRAPHIC METHODS

Graphs in curriculum and syllabus development and planning. I. B. Morgunov. Sov. pedagog. 30 no. 3:82-79 Mr '66.

EDUCATION—PERIODICALS

Read it in the periodicals. Nar. obr. no. 3:121 Mr '66.

Read it in the periodicals. Nar. obr. no. 4:122-123 Ap '66.

EDUCATION—PHILOSOPHY

Logaspi de Ariemendi, Alicia. [Pedagogics and Marxism. Translated from the Spanish] Pedagogika i marksizm. Red. i vstup. stat'ia S. M. Shabalova. Moskva, Progress, 1965. 233 p. (CST-11)

EDUCATION—STUDY AND TEACHING

Examinations in normal schools. V. Shilov. Nar. obr. no. 4:23-24 Ap '66.

EDUCATION, COOPERATIVE

(see also subdivision under Kiev)

Improving the participation and independence of students. R. A. Nizanov, V. I. Pomin. Shkola i prosv. 10 no. 1:17-20 Mr '66.

In our training workshop. I. V. Zudin, V. A. Pellaev. Shkola i prosv. 10 no. 3:35-40 Mr '66.

Increasing the efficiency of work training. V. V. Vinnitskiy. Shkola i prosv. 9 no. 4:28-29 Mr '65.

Justified by practice. I. U. Nifencuk. Shkola i prosv. 10 no. 3:83-81 Mr '66.

Let's make concrete suggestions. A. A. Pashov. Shkola i prosv. 9 no. 3:21-23 Mr '65.

Let's sensibly coordinate manual and mechanical work. L. M. Eidel's. Shkola i prosv. 9 no. 3:76-78 Mr '65.

Let's teach them through work and for work. K. A. Akhambekov. Shkola i prosv. 9 no. 1:14 Mr '65.

More about industrial training. A. L. Shumeyev. Shkola i prosv. 10 no. 3:93 Mr '66.

Our practices. A. I. Kekkonen. Shkola i prosv. 9 no. 1:30-31 Mr '65.

Problems of work instruction and training. A. M. G. Shkola i prosv. 10 no. 3:5-8 Mr '66.

Provincewide technical Olympiad. V. M. Medvedev. Shkola i prosv. 10 no. 3:78-79 Mr '66.

Review-content in technical education. A. A. Pavlov. B. V. Kelim. Shkola i prosv. 10 no. 3:75-76 Mr '65.

Stimulating the activities of the fifth-grade girls students in work classes. V. I. Gladikh. Shkola i prosv. 10 no. 3:14-16 Mr '66.

Student transfer coefficients. I. F. Kozhev. Shkola i prosv. 10 no. 3:41-43 Mr '66.

Studying the balance of working time. I. A. M. Chernykh. Shkola i prosv. 9 no. 4:12-14 Mr '65.

What work training in schools should be like. G. I. Shkola i prosv. 9 no. 3:23-26 Mr '65.

EDUCATION, ELEMENTARY

Continuity between the elementary and secondary schools. G. Husakova, N. Sur'lanova. Nach. shkola 34 no. 3:39-40 Mr '66.

Fourth term as a term of creative reviewing. T. V. Murkova and others. Nach. shkola 34 no. 3:71-72 Mr '66.

In the Ministry of Education of the R. S. F. S. R. Nach. shkola 34 no. 3:94-96 Mr '66.

Methods to improve the content of curricula. I. N. Skatkin, L. A. Paragonova, N. E. Tsoltin. Nach. shkola 34 no. 3:46-55 Mr '66.

Not a single minute was lost. M. Naumenko. Nar. obr. no. 3:48-53 Mr '66.

Phantasy and thinking. L. Knysh. Nar. obr. no. 3:56-59 Mr '66.

EDUCATION, HIGHER

(see also subdivision under Spain; Ukraine)

"Best trained," what does it mean? N. I. Loiko. Vses. vys. shkol' 24 no. 2:51-53 F '66.

In the institutions of higher learning of the country. Vest. vys. shkol' 24 no. 2:53-56 F '66.

Regel'son, L.M. [Institutions of higher learning and programmed instruction] Vysshaya shkola i programirovannoe obucheniye. [Moskva] Izd-vo Moskv. univ., 1966. 51 p.

EDUCATION, PRESCHOOL

(see also subdivision under Rossosh' District; Voronezh Province)

Comments by the deputies of the Supreme Soviet. K. Bordugov and others. Doshk. vosp. 39 no. 3:7-19 Mr '66.

Contribution of the scholars of preschool education departments to practice. A. O. Onova, V. Smilnova. Doshk. vosp. 39 no. 2:130-11 F '66.

Improving the work of preschool institutions on collective farms. N. Aleksandrov. Doshk. vosp. 39 no. 3:3-73 Mr '66.

One of our main concerns. L. Pavlova. Doshk. vosp. 39 no. 3:30 Mr '66.

EDUCATION, PRESCHOOL—CONGRESSES

At the Third International Seminar on Preschool Education. Doshk. vosp. 39 no. 2:94-98 F '66.

EDUCATION, RURAL

The teachers of public schools. V. Sukhomlinskii. Kommunist 42 no. 2:71-72 Ja '66.

EDUCATION, SECONDARY

Public and private initiative in the development of new secondary schools after the Revolution of 1905. M. V. Mikhailova. Sov. pedagog. 30 no. 3:130-138 Mr '66.

EDUCATION AND STATE

Schools and the state Article No. 1. N. Krupskaya. Sov. pedagog. 30 no. 3:128-129 Mr '66.

EDUCATION OF WOMEN see subdivision under Leninabad

EDUCATIONAL ASSOCIATIONS see subdivision under Czechoslovakia

EDUCATIONAL PSYCHOLOGY

Akademiya pedagogicheskikh nauk RSFSR, Moscow Institute of Psychology. [Psychology of the application of knowledge to the solution of educational problems] Psikhologiya i praktika znanii k isshleniyu uchebnykh zadach. Otv. red. N. A. Menchinskaya. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 414 p. (NBC)

Developing the cognitive abilities of students. G. B. Kadin, Sred. shkola, 13 no. 2 15-18 F '66.

Development of the mental abilities of students by letting them plan their work activities. I. U. Z. Gilyukh, Nach. shkola 34 no. 3:56-61 Mr '66.

Generalized thinking as a component of mathematical abilities. S. L. Shapiro. Sov. pedagog. 30 no. 3:68-66 Mr '66.

Let's supervise with better understanding of practices. R. Gurova and others. Nar. obr. no. 3 supplement 16 Mr '66.

Specific characteristics of the mental activity of students in a multiple choice situation. V. P. Baspal'ko. Sov. pedagog. 30 no. 3:80-87 Mr '66.

EDUCATIONAL RESEARCH

Let's give more attention to experiments. B. Likhachev. Nar. obr. no. 3:8-20 Mr '66.

EFFICIENCY, INDUSTRIAL

(see also subdivision under Moscow)

At the sources of the scientific labor organization. V. Kirsanov. Neftianik 10 no. 12:24-25 D '65.

A convincing example. Kommunist 42 no. 1:3-11 Ja '66.

Creative initiative of the masses shown in the struggle for technological progress. A. G. Tiltzov. Trudy MFT no. 204 38-44 '65.

Creativeness of the efficiency promoters in the transportation shops. L. I. Ikin. Elek. i topl. tizh. 10 no. 3:18-19 Mr '66.

Increasing labor productivity in the enterprises of Soviet industry. A. Dovba, V. Chernykh. Kommunist 42 no. 4:28-25 Mr '66.

A new stage in industrial and scientific development. S. R. Sergienko. Izv. AN Turk. SSR, Ser. fiz.-tekhn., khim. i geol. nauk no. 8:8-8 '65.

A "talking" stand. V. Komarov. Agitator 33 no. 3:30-30 F '66.

Useful improvements. Continuous search for improvements. P. A. Frolov. Pul' i put. khoz. 10 no. 2:20 '66.

EFIMOV, ALEKSEI VLADIMIROVICH, 1896-

Initiator of American studies in the Soviet Union. Nov. i novish. ist. no. 2:170-171 '60.

EFIMOV, GERONTII VALENTINOVICH, 1908--BIBLIOGRAPHY

see Bibliography—Efimov, Gerontii Valentinovich, 1908-

EGGS

The egg. M. Marshak. Zakup. sel'khoz. prod. no. 0:55-56 Je '67.

EGGS—PRESERVATION

Application of protective coatings to lengthen the preservation time of eggs. M. Podgornov and others. Mias, ind. SSSR 37 no. 1:50-52 '66.

EGGS—PRODUCTION

Some properties of eggs laid by hens fed chlorotetracycline. M. E. Antonova. Antibiotiki 11 no. 3:208-209 Mr '66.

EGYPT—SOCIAL CLASSES

Struchevskii, I. A. [The dependent population of ancient Egypt] Zavisimoe naselenie drevnego Egipta. Moskva, Nauka, 1966. 160 p.

EIGENFUNCTIONS

Calculating eigenfunctions of semizero-torque cylindrical shells with an electronic digital computer. N. A. Shelomov. Samoletost. i tekhn. vozd. flota no. 3:59-71 '65.

Pseudopotential theory. A. S. Poplavnoi. Izv. vyz. uchob. zav.; fiz. 9 no. 1:180-181 '66.

ELASTIC PLATES AND SHELLS

Action of concentrated forces and bending moments on a shallow cylindrical shell. I. U. A. Shevliakov, V. P. Shovchenko. Prikl. mekh. 2 no. 1:120-123 '66.

Application of P. P. Papkovitch functions to the design of continuous plates. O. A. Zhuravskaya. Trudy Ural. elektromekhn. inst. inzh. zhel. dor. transp. no. 10:92-104 '65.

Axisymmetric form of the loss of equilibrium by a cylindrical shell as dependent on the internal hydrostatic pressure. P. Kh. Derkach. Gidromekhanika no. 2:91-93 '65.

Calculating thin plates made of linearly reinforced material. N. F. Ershov. Stroitel. mekh. i rasch. soor. 8 no. 1:31-33 '65.

Concentration of stresses in a circular cylindrical shell weakened by a circular notch. A. K. Privarnikov, V. N. Cherkhov. Gidromekhanika no. 2 88-93 '65.

Deformation of circular plates and shells of revolution made of a nonlinear viscoelastic material. V. A. Zhalman. Prikl. mekh. 2 no. 1:93-91 '66.

Determining stressed state of a highly anisotropic plate with two elliptic holes. A. S. Kosmolomantsev. Prikl. mekh. 2 no. 1:28-34 '66.

Effect of initial flexures on the stability of ribbed cylindrical shells subjected to a radial compression. I. I. A. Amirov. Prikl. mekh. 2 no. 1:53-58 '66.

Elasticity of a closed cylindrical orthotropic flexible shell making allowance for linear heredity. M. A. Koltunov, A. D. Kuzman. Vest. Mosk. un. Ser. 1: Mat., mekh. 21 no. 2:112-119 Mr-Apr '65.

Elastoplastic bending of compressed elastic plates. N. I. Ershov. Trudy GISI no. 39 75-93 '61.

Equilibrium stability of a cylindrical shell under the action of a suddenly applied load. N. M. Grigor'yan. Prikl. mekh. 2 no. 2:49-56 '66.

Inverse problem for a circular elastic plate under axisymmetric loading. N. P. Fleishman, I. D. Kaplevatskii. Prikl. mekh. 2 no. 1:20-27 '66.

Investigating elastoplastic deformations of shells having cutouts and reinforced by the method of photoelastic coatings. A. A. Aleksandrov, M. Kh. Akhmetzhanov, A. S. Rakin. Prikl. mekh. 2 no. 3:1-9 '66.

Large elastic deformations of the plane bending of a rectangular plate by the moments at its ends. N. P. Fleishman, I. U. I. Koltman. Prikl. mekh. 2 no. 2:20-28 '66.

Plastic areas around a circular hole in case of a two-axial stretching of a plate. R. I. U. Koltunov, S. G. Tsegol'nyi. Prikl. mekh. 2 no. 1:123-127 '66.

Plate loaded along an annular zone. V. I. Tul'chik. Prikl. mekh. 2 no. 1:60-77 '66.

Quasi-regularity of infinite systems for spherical shell weakened by several holes. A. N. Ginz'. Prikl. mekh. 2 no. 3:127-130 '66.

Reducing stress peaks in the area of cutouts in a cylindrical shell by means of superposed sheets. I. U. M. Detinov. Samoletost. i tekhn. vozd. flota no. 2 70-75 '65.

Solution of a dynamic problem for a shallow spherical shell. I. U. E. Senitskii. Prikl. mekh. 2 no. 3:15-20 '66.

Solution of a plane problem for a rectangular field. V. B. Logvinov. Izv. vyz. uchob. zav.; stroit. i arkhit. 9 no. 1 74-80 '66.

Stability of closed circular cylindrical shells under axial compression and excessive internal pressure. L. P. Vinokurov, V. A. Volykh. Samoletost. i tekhn. vozd. flota no. 4:29-38 '65.

Stability of freely supported nonmetallic plates before and beyond elastic limit. L. I. Vereina. Izv. vyz. uchob. zav., mashinost. no. 1:35-40 '66.

Stability of rectangular transversely isotropic plates. A. P. Melkonian, A. A. Khashatryan. Prikl. mekh. 2 no. 2:29-35 '66.

Stability of shells of revolution with an arbitrary curvature of the generatrix. S. S. Kan. Prikl. mekh. 2 no. 2:30-43 '66.

Stability of shells of revolutions with curvilinear generatrices under axial compression. S. S. Kan. Prikl. mekh. 2 no. 1:59-68 '66.

Stability of the plane mode of equilibrium for multiconnected plates under the action of discrete loads. A. A. Romanenko. Prikl. mekh. 2 no. 1:78-82 '66.

Stress concentration around a circular hole in an orthotropic cylindrical shell. I. U. A. Ashmarin. Prikl. mekh. 2 no. 2:44-48 '66.

Stressed state near holes in plates made from polymeric materials. I. A. Gatin, G. P. Cherepanov. Dokl. AN SSSR 167 no. 1:55-58 Mr '66.

Tension of a rectangular plate having a circular hole with a welded-in elastic disk. N. F. Gur'ov. Prikl. mekh. 2 no. 3:33-41 '66.

Two problems on stressed state of a circular orthotropic disk. I. M. Isichenko. Prikl. mekh. 2 no. 1:127-130 '66.

Using the discrete method in stability calculation of circular solid and ring-shaped plates with uniform and non-uniform boundary conditions. I. U. P. Petrov. Samoletost. i tekhn. vozd. flota no. 4:30-51 '65.

Using the theorem of the reciprocity of mechanical work in calculating deformations of flat plates. I. Cosereanu. I. Deutch. Izv. vyz. uchob. zav., mashinost. no. 1 63-71 '66.

Widening of a circular hole in a disk of a constant thickness. T. M. Mekhonina. Izv. vyz. uchob. zav.; mashinost. no. 1:123-128 '65.

ELASTIC PLATES AND SHELLS—BOUNDARY VALUE PROBLEMS

Solution to a mixed boundary value problem for an elastic shell of variable thickness of the arch dam type. V. S. Zhigenti. Trudy Vych. tsentra AN Gruz. SSR 6:2:12-53 '65.

ELASTIC PLATES AND SHELLS—MODELS

Experimental investigation of the deformations of models of ribbed shells. A. E. Zhuravov. Prikl. mekh. 2 no. 3:137-140 '66.

ELASTIC PLATES AND SHELLS—VIBRATION

Natural vibrations of bent rectangular plates. R. I. Rabinovich. Izv. vyz. uchob. zav.; stroit. i arkhit. 9 no. 1 63-69 '66.

Nonlinear vibrations of a circular plate. N. F. Morozov, M. E. Udozhin. Trudy LITISBP no. 17:259-262 '65.

Parametric vibrations of a cylindrical shell filled with a fluid with varying depth. G. E. Bagdasarian, V. I. S. Gunt. Prikl. mekh. 2 no. 3:21-26 '66.

Vibration of a cylindrical panel made of nonlinearly elastic materials. V. N. Pustushkin, G. A. Sokolova. Prikl. mekh. 2 no. 3:27-32 '66.

ELASTIC RODS AND WIRES

Bending center of an anisotropic prismatic rod. V. S. Sarkisian. Prikl. mekh. 2 no. 3:60-65 '66.

Experimental investigation of two-axial bending with torsion of thin-walled rods under movable loading beyond elastic limit. N. L. Chernov, E. R. Chernaya. Prikl. mekh. 2 no. 2:63-68 '66.

Stability of rods under dynamic loading. I. U. I. Nagornyi, I. U. K. Privarnikov. Prikl. mekh. 2 no. 2:70-75 '66.

Wave propagation in a bounded elastoplastic rod caused by longitudinal impact. G. G. Konstantinov, L. L. Marchenko, K. N. Shkinev. Fiz. gor. i vzryva no. 4 63-70 '65.

ELASTIC RODS AND WIRES—VIBRATION

Analyzing the vibrations of a prismatic rod under the action of special lateral loads. N. F. Morozov. Trudy LITISBP no. 17:256-258 '65.

Experimental study of the stability of a rod compressed by a follow-up force. I. U. I. Lagn, L. K. Pashin. Dokl. AN SSSR 167 no. 1:49-50 Mr '66.

ELASTIC SOLIDS

Matrix statics of jointed sheets of revolution and three-dimensional bodies. V. I. Pustynnikov. Samoletost. i tekhn. vozd. flota no. 4:62-65 '65.

ELASTICITY

Bending by the Saint-Venant method of box beams composed of standard bars. I. I. Serebrennikova. Trudy GISI no. 39:10-30 '61.

Boichenko, G. A. [Axisymmetric problem in the theory of elasticity] Osimmetricheskaya zadacha teorii uprugosti. Red. E. P. Kudriavtsev. Moskva, Mosk. enrg. in-t, 1965. 43 p.

Bronskii, A. P. [Theory of elasticity; methods text for 4th and 5th year students of mechanics and mathematics and physics and mathematics faculties of state universities corresponding sections] Teoriya uprugosti, metodicheskoe posobie dlia studentov IV, V kursov mekhaniko-matematicheskikh i fiziko-matematicheskikh fakul'tetov zaochnykh otdelenii gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1962. 64 p. (ingr.) (RPI)

Criterion for the evaluation of the Bauschinger effect. K. F. Kovalev. Izv. vyz. uchob. zav., mashinost. no. 12: 19-23 '65.

Division of differential equations of the discrete method by combining it with other methods of the solution of problems in the theory of elasticity. L. P. Vinokurov. Samoletost. i tekhn. vozd. flota no. 4:23-28 '65.

Elastic constants and thermal expansion of certain bodies having an inhomogeneous regular structure. G. A. Van Fo Fy. Dokl. AN SSSR 160 no. 4:817-820 F '66.

Generalization of the Betty-Maxwell theorem for the two-dimensional theory of elasticity. T. L. Martynovich. Prikl. mekh. 2 no. 3:42-49 '66.

A method for solving plane problems in the moment theory of elasticity for multiconnected areas. G. N. Savin, A. N. Guz'. Prikl. mekh. 2 no. 1:3-10 '66.

Polynomial solutions of a system of differential equations in the statics of the theory of elasticity. B. A. Bondarenko. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 1:13-11 '66.

Solution of certain boundary value problems in the theory of oscillations for a circular region and a circular ring. G. P. Kvinkadze. Trudy Vych. tsentra AN Gruz. SSR 6:2:53-65 '65.

Solution of the generalized biharmonic problem of the plane theory of elasticity for two-connected domains. A. G. Ugodchikov. Trudy GISI no. 30:5-15 '61.

Solving a contact problem by a method of simulating continua by rod systems. V. K. Perekhatov. Trudy GISI no. 39:68-75 '61.

Solving flat and axisymmetric problems in the theory of elasticity for a medium composed of anisotropic layers. R. M. Rappoport. Izv. VNIIG 77:249-252 '65.

Static calculation of momentarily rigid guy girders on elastic supports. E. M. Sidorovich. Stroitel. mekh. i rasch. soor. 8 no. 1:15-16 '66.

ELASTICITY—BOUNDARY VALUE PROBLEMS

Axisymmetric contact problem for linearly viscoelastic bodies. A. B. Efimov. Vest. Mosk. un. Ser. 1: Mat., mekh. 21 no. 2:120-127 Mr-Apr '66.

Effective solutions to problems concerning elastic oscillations for certain one-dimensional infinite domains. Zh. A. Rukhadze. Trudy Vych. tsentra AN Gruz. SSR 6:2:68-72 '65.

ELASTOMERS

Production of organosilicone elastomers with a given molecular weight by means of anion polymerization of organocyclosiloxanes. V. P. Davydova, Z. S. Lbedeva, V. G. Oplachto. *Kauch. i rez.* 25 no. 2-3 '66.

Radioactive method of determining oxygen in elastomers during processing and aging. L. V. Chapel' and others. *Kauch. i rez.* 25 no. 3; 19-23 '66.

ELECTICS

The 20th century looks at Zeno's paradox. I. Z. Tsel'mu-siro. *Vop. filos.* 20 no. 3; 64-71 '66.

ELECTION LAW

Vasilenkov, P. T. [Elections of Soviet representative organs] *Vyboi y sovetskikh predstavitel'nykh organov [Moskva]* Izd-vo Mosk. univ., 1966 80 p.

ELECTRIC APPARATUS AND APPLIANCES—PATENTS

Discoveries and inventions. *Prom. energ.* 21 no. 3; 10 Mr '66.

ELECTRIC APPARATUS AND APPLIANCES—RELIABILITY

Determination of the law governing the distribution of the life of components in a case of limited test duration using different objects. D. E. Kadomskii. *Izv. NIPT* no. 11 275-287 '65.

Reliability of electric power transmitting and converting systems. D. E. Kadomskii. *Izv. NIPT* no. 11 235-267 '65.

Reliability of power systems consisting of independent uniform blocks. D. E. Kadomskii. *Izv. NIPT* no. 11 268-271 '65.

ELECTRIC APPARATUS AND APPLIANCES—SAFETY MEASURES

Some problems in the operation of explosionproof electrical equipment. V. V. Kiselevich. *Prom. energ.* 21 no. 3; 18 Mr '66.

ELECTRIC ARC

Characteristics of the short arc in cesium vapor. I. U. P. Korchevskiy, V. D. Semichalevskiy. *Ukr. fiz. zhur.* 11 no. 2; 177-182 F '66.

Equations of the dynamics of an arc and dynamic characteristics of an arc at small perturbations. M. E. Zaidi. *Trudy VZEI* no. 20 96-113 '65.

Parallel arc quenching in electrical apparatus. S. A. Kuikov. *Elektrichestvo* no. 1; 20-32 Ap '66.

Theoretical basis for the minimum potential principle of an electric arc. N. Z. Atonzen. *Elektrichestvo* no. 3; 89 M '66.

Theory of arc-quenching devices with multiple break action. I. S. Taov. *Elektrichestvo* 37 no. 2; 27-32 F '66.

Volt-ampere characteristics of thermionic converters. G. A. Duzhev and others. *Zhur. tekhn. fiz.* 35 no. 11; 2051-2064 N '65.

ELECTRIC BREAKDOWN see Breakdown, Electric

ELECTRIC BRUSHES see Brushes, Electric

ELECTRIC CABLES

Cable layout of a boiler unit. N. I. Golod, O. I. Maksim-ta. *Energ. stroi.* no. 5; 29-30 '65.

Organization of centralized production and delivery of cable connecting sleeves. I. A. Varshavskii. *Prom. energ.* 20 no. 1; 46-48 Ap '65.

Rollers for placing cables in tunnels and galleries. E. B. Peigament. *Energetik* 14 no. 3; 35-36 M '66.

ELECTRIC CABLES—CORROSION

Joint system for electric protection and corrosion protection of high-voltage cables. I. M. Beidichevskii, V. N. Ivanov. *Energetik* 14 no. 3; 7-9 M '66.

ELECTRIC CABLES—MAINTENANCE AND REPAIR

Repair of cable. V. M. Chalka, P. A. Tshinov. *Vest. protivovoza, obor.* no. 10; 59-61 O '65.

ELECTRIC CAPACITANCE

Determination of the points of zeta potential of gallium by the method of differential capacitance measurement in dilute solutions. A. N. Frumkin, N. B. Gikgor'ev, I. A. Bagatskaja. *Elektrichestvo* 2 no. 3; 320-333 M '66.

Differential capacitance of the highly alloyed germanium-electrolyte interface. T. P. Kashchova, I. U. V. Pleskov. *Elektrichestvo* 2 no. 3; 339-363 M '66.

Study of the germanium-methylformamide interface by the differential capacitance method. M. D. Krotova, I. U. V. Pleskov. *Elektrichestvo* 2 no. 2; 222-228 F '66.

ELECTRIC CHARGE AND DISTRIBUTION

Change in the density of the electrical charge in tanks. S. A. Brodovskii. *Transp. i khran. nefi i nefteprod.* no. 1; 21-24 '66.

Charging of particles with elongated form on a flat electrode. A. T. Negizade. *Izv. AN SSSR. Energ. i transp.* no. 1; 156-160 Ja-F '66.

Current density of charge materials in silicomanganese furnaces. D. P. Mokhovtsev and others. *M. I. Kokosheva* no. 3; 142-148 '65.

Mechanism of the development of a charge on a conductive moist insulator surface with long-term action of potential. S. D. Morzhukov, L. A. Solomont. *Izv. NIPT* no. 11 3-18 '65.

ELECTRIC CIRCUITS

Equivalent circuit for an electroluminescent powder capacitor. K. Sh. Enikeeva. *Izv. vys. ucheb. zav.* 11 no. 1; 75-80 '66.

Functional cyclograms for the analysis of complex electric and hydraulic systems. A. I. Dobrotyukhov. *Vest. mashinosti.* 46 no. 2; 51-60 F '66.

ELECTRIC CIRCUITS—OSCILLATIONS

Forced oscillations in a circuit with a ferrite core. T. G. Kupaladze. *Sobh. AN Gruz. SSR* 11 no. 1; 108-112 Ja '66.

ELECTRIC COILS

Effect of ferromagnetic coatings on thin-film microinductance. V. I. Semenov, K. L. Monashev. *Raditekhnika* 21 no. 3; 77-79 M '66.

Installation and operation of the B1 and induction coil. I. Efimenko, Tekh. v sovet'noy 26 no. 3; 80-86 M '66.

Thermal conductivity of windings with round wire. S. D. Khodolay, E. I. Larina. *Elektrichestvo* 37 no. 2; 39-60 F '66.

ELECTRIC COILS—DRYING

Drying cabinet for induction drying using a.c. with commercial frequency. M. P. Babakov. *Prom. energ.* 20 no. 4; 30-31 Ap '65.

ELECTRIC CONDUCTIVITY

Determination of the optimal forms of a receiving network in presence of a coaxial square excitation stage. M. P. Zislev, S. P. Papazov. *Izv. AN SSSR. Energ. i transp.* no. 1; 71-77 Ja-F '66.

Investigating the compaction process of powders of high melting compounds by the electric conductivity method. L. I. Shuk. *Porosh. met.* 6 no. 3; 11-20 M '66.

ELECTRIC CONDUCTIVITY—MEASUREMENT

Use of a diode as a measure of conductance. A. L. G. Gikholskii, N. P. Shumilov. *Avtometriya* no. 5; 65-75 '65.

ELECTRIC CONDUCTORS

Calculation of the resistance of a plane conductor with variable cross section. G. I. Sabaneeva. *Elektrichestvo* 37 no. 2; 56-58 F '66.

Deformation of a curved flexible conductor by electrodynamic forces. V. V. Bolybaidin. *Sovetskii tekhn. vozdukh.* no. 1; 17-22 '66.

Effect of the nonuniformity of current distribution on the resistance of a flat conductor with variable cross section. G. I. Sabaneeva. *Izv. vys. ucheb. zav., elektrichestvo* 9 no. 3; 213-250 '66.

ELECTRIC CONDUCTORS—WELDING

Improved methods in welding conductors with electric resistance heating. V. A. Fursov, Svar. prozv. no. 3; 30-38 Mr '66.

ELECTRIC CONDUITS

Effect of the shift of the mean temperature level during the heating of a.c. conductors. I. P. Polepchenko, D. P. Simbirskii. *Elektrichestvo* no. 3; 71-75 M '66.

ELECTRIC CONTACTORS

Dynamics of the change of the contact resistance of sealed contacts. M. I. Zaslavskii. *Izv. vys. ucheb. zav.; elektrichestvo* 9 no. 2; 226-228 '66.

Effect of thermal treatment on the electric properties of contacts obtained by the electrochemical method. V. M. Kochegurov, A. I. Romichova. *Zhur. prikl. khim.* 39 no. 2; 344-347 F '66.

Improvement of the contactor systems of VMG-133 switches. T. P. Musatov. *Energetik* 11 no. 3; 33-34 Mr '66.

ELECTRIC CONTACTORS—TESTING

Check of the condition of the contactors of industrial electric protection systems. L. N. Sheinberg, I. L. Goltinskii. *Energetik* 14 no. 3; 4-6 M '66.

ELECTRIC CONTROLLERS

Digital phase angle regulator. N. S. Mikhnev, R. P. Stroganov. *Trudy LPI* no. 256; 80-85 '65.

Time dependent programming device using electromagnetic relays. I. U. A. Tsapelev. *Nauch. trudy OMIT* 51; 87-96 '64.

Use of the maximum principle in the calculation of the optimal control of the electric drives of systems for maintaining constant rotation speed. K. S. Morozov. *Izv. vys. ucheb. zav.; elektrichestvo* 9 no. 3; 318-325 '66.

ELECTRIC CURRENT CONVERTERS

Autonomous parallel-series inverter with a 12 kw., 220 v, 50 c.p.s. rating. N. A. Kanaashchikova, N. D. Leshukov, N. A. Shipilova. *Izv. NIPT* no. 11; 303-326 '65.

D.c. converter with a power amplifier. V. I. Ganiulov. *Sobh. i trudy LITIT* no. 2; 74-101 '61.

Dynamic parameters of a generator-motor system. D. S. Ampolskii, L. M. Sivak. *Elektrichestvo* 17 no. 2; 24-26 F '66.

Generalized models of electrical converters and their optimization. V. S. Leiner. *Izv. AN SSSR. Energ. i transp.* no. 1; 31-40 Ja-F '66.

High-speed electric drive with a reversing thyristor inverter. V. A. Baiskii. *Elektrichestvo* 37 no. 2; 19-21 F '66.

Simplified calculation on steady conditions in a feed network during the operation of single-phase rectifiers and inverters. A. T. Burkov. *Sobh. i trudy LITIT* no. 2; 24-51 '64.

Study of a transistorized master oscillator of a three-stage series inverter. M. V. Gel'man, V. A. Minerv, I. V. Vys. ucheb. zav., elektrichestvo, 9 no. 2; 223-225 '66.

Three-phase inverter. V. N. Iovashkin. *Izv. vys. ucheb. zav., energ.* 9 no. 3; 110-113 M '66.

ELECTRIC CURRENT CONVERTERS—RELIABILITY

Sokolov, S. D. [Increasing the reliability of the converters of traction substations] *Povysheniye nadezhnosti pri obrabotke i upravlenii agregatov (tagovykh podstantsiakh, Moskva, Transp.)* 1965, 102 p. (Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 200)

ELECTRIC CURRENT RECTIFIERS

Automatic control of a silicon rectifier unit in streetcar and trolleybus traction substations. B. S. Plakhotin, V. V. Khatayev. *Nauch. trudy MKhI* no. 31; 18-21 '65.

Calculation of steady-state processes in the operation of a single-phase transistorized bridge circuit in H and A modes. I. U. Z. Kovalev. *Nauch. trudy OMIT* 51; 10-26 '64.

Device for converting a digital control code into "flashing" pulses for semiconductor and electronic rectifiers. I. U. M. Gorkii, V. V. Mogilev, V. D. Ponom. *Elektrichestvo* no. 3; 11-14 M '66.

Effect of the modulation of resistance of a high-impedance base region on the volt-ampere characteristics of three-level structures with a single electron-hole junction. R. Mamatkulov. *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk* 10 no. 2; 61-67 '65.

Experimental industrial rectifying unit with silicon rectifiers for the power supply of subways. L. L. Balyshdin and others. *Izv. NIPT* no. 11; 32-34 M '65.

Frequency dependency of a current rectified by an electroluminescent capacitor. M. V. Pok, I. U. P. Chukova. *Zhur. tekhn. fiz.* 35 no. 11; 2065-2068 N '65.

Multiplexer arcing welding rectifiers. A. P. Peshenkov, A. L. Itykin, I. S. Fedor. *Avtom. svyaz* 19 no. 2; 47-51 F '66.

Present state and perspectives of the development of electrochemical rectifier networks. D. A. Zvanitskii. *Izv. AN SSSR. Energ. i transp.* no. 1; 17-30 Ja-F '66.

Rectifier systems with silicon rectifiers. T. I. Shumov, A. P. Lvov. *Prom. energ.* 20 no. 4; 50-59 Ap '66.

Reliability of an electrolytic condenser in a rectifier. R. Malinin. *Radio* no. 2; 60-61 F '66.

Use of selenium rectifiers in connecting VMG-133 switches. V. S. Tshum. *Prom. energ.* 21 no. 3; 17-18 Mr '66.

ELECTRIC CURRENT RECTIFIERS—TESTING

Thermal testing of silicon valves. V. I. Ivanov. *Vest. TSNIi MTP* 25 no. 2; 8-12 '66.

ELECTRIC CURRENTS

Method of images in magnetostatics at a spherical superconducting boundary. V. N. Dolozov, M. I. Ievin. *Zhur. tekhn. fiz.* 36 no. 1; 3-6 Ja '66.

ELECTRIC CURRENTS—GROUNDING

Advantages of grounding rod electrodes. M. I. Shukin. *Stroitel. i khit. Urb.* 6 no. 6; 11-12 Ja '66.

Errors in measuring resistances of groundings in underground mining. A. I. Iakob, A. A. Pozhdaev. *Elektrichestvo* no. 3; 87-88 M '66.

Improvement of technical and economic indices of vertical grounding systems. N. P. Katiglob. *Prom. energ.* 20 no. 4; 38-40 Ap '65.

Impulse characteristics of complex groundings. A. I. Valner. *Elektrichestvo* no. 3; 23-27 M '66.

Installation of grounding devices in laboratory testing systems. M. R. Naifal'd. *Energetik* 14 no. 3; 42 M '66.

Resistance of the grounding stages of a.c. traction substations. R. N. Kartakin. *Elektrichestvo* no. 3; 64-66 Mr '66.

ELECTRIC CURRENTS, ALTERNATING

Passage of alternating current through a plasma vortex. V. V. Balyshdin, V. G. Papkovich. *Mag. gidr.* no. 4; 24-26 '65.

ELECTRIC CURRENTS, EDDY

Electrocorrosion of underground aluminum structures in anodic and cathodic zones. M. A. Tolstina, E. N. Ioffo, I. V. Poteminskina. *Zashch. met.* 2 no. 2; 168-175 '66.

ELECTRIC CURRENTS, LEAKAGE

Protection of power cables against corrosion. N.M. Munits, Z.I. Rudzskii, Zashch. met. 2 no. 2 181-187 '66.

ELECTRIC CUTOUTS—DESIGN AND CONSTRUCTION

Current interrupters with controlled silicon valves for resistance-welding machines. N.V. Podoln, V.I.A. Sazonov. Avtom. svar, 19 no. 2 75-76 F '66.

ELECTRIC DIPOLE see Dipole moments

ELECTRIC DISCHARGE LIGHTING

Compensated network for switching-in mercury-quartz lamps. I. Zemilanol, Tekh. v sel'khoz. 26 no. 3:10-41 M 1 '66.

Design of tubular high-pressure mercury-quartz lamps with consideration of natural cooling. G.S. Saichev, Svetotekhnika 12 no. 3:3-7 M '66.

Effect of the igniting potential on the light emission of impulse lamps with microsecond discharge duration. A.A. Vol'kenshtein, D.V. Kuvshin. Svetotekhnika 12 no. 3:7-11 M '66.

Lighting of adjusting shops in rolling mills. R.I. Beim. Svetotekhnika 12 no. 1:12-14 Ap '66.

Operation of gas-discharge lamps with active ballast resistance in a three-phase three-wire system. P.S. Kazantsev, Svetotekhnika 12 no. 2:13-17 F '66.

Study of the radiation spectrum of a high-pressure discharge of a positive mercury column. G.S. Saichev, G.N. Gavrilina, Svetotekhnika 12 no. 2:4-8 F '66.

Time variation of the radiation of impulse lamps. V.G. Baizhenkov, Svetotekhnika 12 no. 2:8-12 F '66.

Use of large xenon lamps in lighting systems. S.A. Kliuev, Svetotekhnika 12 no. 4:8-12 Ap '66.

Use of the DKST-6000 lamp in biophysical experiments. L.F. Amashev, Svetotekhnika 12 no. 3:12-14 M '66.

ELECTRIC DISCHARGE LIGHTING—CURRENT SUPPLY

Saturable reactors with regulated inductance. A.L. Vasserman, Svetotekhnika 12 no. 2:20-22 F '66.

ELECTRIC DISCHARGES

Afterdischarge emission from certain structural materials. N.V. Gatarhova, P.N. Chistiakov, Zhur. tekhn. fiz. 36 no. 2 362-364 F '66.

Current cutoffs and repeated breakdowns in electric discharges in liquids. I.P. Kuvshin. Zhur. tekhn. fiz. 36 no. 2 338-341 F '66.

Current of a self-contained discharge in a high vacuum in crossed electric and magnetic fields. L.M. Reikhsudel', E.P. Shchetov, Radiotekhnika i elektronika, 11 no. 3:532-535 M '66.

Deceleration of ions in an arc discharge in a magnetic field. V.B. Glauko and others, Zhur. tekhn. fiz. 36 no. 11:2083-2091 N '66.

Discharge in a hollow cathode. Part I. Comparison of the electrical characteristics of a hollow cathode and a positive column. V.S. Borodin, I.U. M. Kagan, Zhur. tekhn. fiz. 36 no. 1:101-105 Ja '66.

Discharge tube as a source of atomic oxygen. V.I.A. Basevich, S.M. Kogarko, Zhur. fiz. khim. 40 no. 3: 744-746 M '66.

Dynamic stabilization of a direct discharge in a magnetic field. A.B. Androsen and others, Zhur. tekhn. fiz. 36 no. 2:294-296 F '66.

Effect of the electrode temperature on microdischarges in a vacuum. V.I. Gordienko, I.I. Pivovarov, Zhur. tekhn. fiz. 36 no. 2:374-376 F '66.

Electric discharge in a magnetic field between electrodes, one of which is moving. L.I. Antovskii, Mag. gidr. no. 4:130-136 '65.

Electrode erosion by heavy-current pulse discharges. G.S. Belkin, V.I.A. Kiselev, Zhur. tekhn. fiz. 36 no. 2: 384-389 F '66.

Glow-discharge between coaxial dielectric cylinders in an axial electric field and a radial magnetic field. I.B. Chekmurev, Zhur. tekhn. fiz. 36 no. 11:1070-1083 N '66.

Some problems of pulse discharges in a vacuum. S.L. Keshel', R.D. Nagibekov, A.M. Aguduev, Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 1:81-84 '66.

Study of the cathode emission and the discharge parameters of luminescent lamps. E.T. Kucharenko, Z.P. Koroleva, Izv. vys. ucheb. zav., fiz. 9 no. 1:116-121 '66.

ELECTRIC DISCHARGES—SPECTRA

Arc discharge in continuous flash welding. V.K. Lobedev, I.A. Chernenko, Avtom. svar, 19 no. 1:23-26 Ja '66.

ELECTRIC DISCHARGES THROUGH GASES

Decomposition and oxidation of nitrous oxide in an electric discharge. D.V. Strakhov, N.I. Kobozov, Zhur. fiz. khim. 40 no. 3:706-708 M '66.

Studying the energy distribution of a hydrogen plasma from a coaxial source. I.M. Zolotarev, A.B. Rastrop, I.P. Skoblik, Zhur. tekhn. fiz. 36 no. 1:111-116 Ja '66.

ELECTRIC DRIVING

Automation of the control of the motor of a pumping station. G.L. Averbakh, I.M. Gorin, Energetik 14 no. 3:26-28 M '66.

Contactless command giving apparatus. B.R. Genedichman, O.I. Golovinski, L.I. Dubov, Elektrotekhnika 37 no. 2 23-35 F '66.

Evaluation of an electric drive system according to technological requirements and mechanical characteristics. A.M. Korytin, M.V. Lopushanski, Izv. vys. ucheb. zav., elektromekh. 0 no. 3:327-336 '66.

High-speed electric drive with a reversing thyristor converter. V.A. Barskii, Elektrotekhnika 37 no. 2 10-21 F '66.

Incompletely tuning electric hydraulic drive. Z.I. Lashenko, A.P. Khichenko, Mashinostroitel' no. 3: 27 M '66.

Installation of a motor control switch. A.S. Ostrovskii, Energetik 14 no. 3:13 M '66.

Introducing a two-engine synchronous electric drive for a finishing unit with only a few machines. A.M. Bystron, V.N. Lihin, S.V. Pastin, Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 1:43-44 Ja '66.

Investigating the efficiency of an individual electric drive for each wheel. B.A. Milshtal, I.A.D. Kotenko, Gos. stol. i dor. mash. no. 2:160-165 '66.

Ivanchuk, B.N., R.A. Lippman, and B.I.A. Ruvinov. [Thyristor amplifiers in electric drive systems] Thyristor-nyye ustroystva v skhemakh elektropivoda. Moskva, Energetika, 1966. 111 p. (Biblioteka po avtomatike, no. 161. Elektropivody s poluprovodnikovym upravleniem)

PMS and PMU series continuously variable electric drives. I.A.B. Rozman, Elektrotekhnika 37 no. 2:22-24 F '66.

Use of the maximum principle in the calculation of the optimal control of the electric drives of systems for maintaining constant rotation speed. K.S. Morozov, Izv. vys. ucheb. zav., elektromekh. 9 no. 3:315-320 '66.

ELECTRIC ENGINEERING

Evdokimov, F.E. [Theoretical principles of electrical engineering] Teoreticheskie osnovy elektrotekhniki, Moskva, Vysshaya shkola, 1965. 611 p.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering and electric power] Ref. Zhur.: Elektrotekh. i energ. no. 3 M '66.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—STUDY AND TEACHING

Electrical engineering curriculum for students not majoring in electrical engineering. I.R. Bol'skii, Elektrotekhnika no. 3:76-78 M '66.

Task of technical schools is to coordinate the whole complex of technical subjects. G.B. Belotserkovskii, Sred. spets. shk. 13 no. 2:11-14 F '66.

Work as an educator. P.S. Gachev, Shkola i prosv. 10 no. 1:3-1 M '66.

ELECTRIC EQUIPMENT INDUSTRY

(see also subdivision under Riga)

Experience in the introduction of plasma cutting of aluminum in an electromechanical equipment factory. I.N. Bekker, Energ. stol. no. 7:72-76 '65.

Relationship between science and industry. P.V. Pilaskin, Elektrotekhnika 37 no. 2:5 F '66.

Results of the seven-year plan at the "Uralskoelektrolazh-mash" factory. A.T. TSirkunenko, Elektrotekhnika 37 no. 2:3-4 F '66.

ELECTRIC EQUIPMENT INDUSTRY—MANAGEMENT

Kononov, A.S. [Economics of the electrical equipment industry] Ekonomika elektrotekhnicheskoi promyshlennosti, Moskva, Vysshaya shkola, 1966. 332 p.

ELECTRIC EQUIPMENT INDUSTRY—SCHEDULING

(see also subdivision under Kursk)

Network planning and management in the practice of the VEF Plant. N.A. Levin, Vest. mashinost. 45 no. 2: 82-84 F '66.

ELECTRIC EQUIPMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Yaroslavl

ELECTRIC FIELDS

Current of a self-contained discharge in a high vacuum in crossed electric and magnetic fields. L.M. Reikhsudel', E.P. Shchetov, Radiotekhnika i elektronika, 11 no. 3:532-535 M '66.

Direct current field in a multilayer medium with cylindrical discontinuities. B.G. Dubrovskii, Geofiz. sbor no. 3:72-80 '65.

Distribution of the current in molten aluminum depending on the type of leads of the aluminum electrolytic cell. A.I. Bellanin and others, TSvet. met. 39 no. 2:50-53 F '66.

Effect of electric fields on heat exchange in liquids and gases. N.F. Babol, M.K. Bologa, K.N. Somenov, Elek. obr. mat. no. 1:57-71 '65.

Focusing properties of an electrostatic mirror with a cylindrical field. V.V. Zashkvara, M.I. Korsunskii, O.S. Kosmachev, Zhur. tekhn. fiz. 36 no. 1:132-138 Ja '66.

Multiphase cylindrical inductor with a multipole field. A.A. Fomin, Zhur. tekhn. fiz. 36 no. 1:106-109 Ja '66.

Oscillations of a plasma in external constant electric and magnetic fields. S.P. Bakanov, A.A. Rukhadze, Zhur. tekhn. fiz. 36 no. 1:7-12 Ja '66.

ELECTRIC FIELDS—MEASUREMENT

Apparatus for measuring and controlling electrostatic field intensity in petroleum products tanks. E.N. Biago, G.K. Bogatkin, Trudy MINKHIGP no. 58 71-76 '65.

ELECTRIC FILTERS

Determination of the zone of transparency of electric filters. B.V. Fyolov, Izv. vys. ucheb. zav., elektromekh. 9 no. 2:119-123 '66.

Mathematical frequency filter for ultralow frequencies. V.A. Andreichuk, L.M. Levit, Izv. NIPT no. 11 230-234 '65.

Narrow-band magnetostriction filters. I.A.I. Velikina, G.V. Zolotarev, A.I. Ivanova, Elektrosviaz' 20 no. 2-1-3 F '66.

Popov, P.A. [Design of electric frequency filters] Raschet chastotnykh elektricheskikh fil'trov, Moskva, Energiia, 1966. 215 p. (Biblioteka po radioelektronike)

ELECTRIC FISHING

Electric light attracts herring. G. Filimonov, Ryb. khoz. 10 no. 6 61-62 '64.

Soviet scientists are founders of the theory of electric fishing. A.N. Shabanov, Ryb. khoz. 42 no. 2:43-45 '66.

Use of electric arcs for catching the salmon in the Luvn'ga River. L.A. Petrenko, G.M. Mikhelovich, Ryb. khoz. 40 no. 8 11-13 '64.

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES see subdivision under France

ELECTRIC FURNACES—EQUIPMENT AND SUPPLIES

Performance of a mechanism for continuous automatic charge proportioning of ferroalloy furnaces. M.A. Ryss, A.K. Golev, Stal' 20 no. 2 142-144 F '66.

Vinitski, I.I. [Charging machine operator] Mashinist zavalchnoi mashiny. [Moskva] Metallurgiz, 1965. 161 p.

ELECTRIC FUSES

Calculation of the resistance of a plane conductor with variable cross section. G.I. Sabaneeva, Elektrotekhnika 37 no. 2 56-58 F '66.

Holding clamp for low-voltage fuses. D.S. Petrov, Energetik 14 no. 3:36 M '66.

ELECTRIC GENERATORS

Automatic control of pilot motors of synchronous generators. V.V. Krasnov, Sudostroenie 50 no. 2:47-48 F '66.

Dynamic parameters of a generator-motor system. D.S. Iampol'skii, L.M. Spivak, Elektrotekhnika 37 no. 2: 24-26 F '66.

Operating characteristics of synchronous generators with permanent magnets and compound excitation. F.F. Galitov, V.P. Korochienko, V.G. Morozov, Elektrotekhnika 37 no. 2:13 M '66.

Three-phase steady-state short circuits in a synchronous generator with an uneven number of phase turns. V.G. Lominadze, Elektrotekhnika no. 3:33-37 M '66.

Wear of slip rings of synchronous generators. V.A. Iakushin, Mor. sbor. 49 no. 4:72-73 Ap '66.

ELECTRIC GENERATORS—MATHEMATICAL MODELS

Using calculating machines in the study of thermal processes in the armature of the main generator. V.D. Kuz'mich, Trudy MIT no. 208:75-80 '65.

ELECTRIC GENERATORS—TESTING

Network for checking the insulation of the stator of an auxiliary generator. G.I.A. Golubchik, A.P. Maliy, Energetik 14 no. 3:32-33 M '66.

Testing electric power sources by the use of loading devices. B.D. Gandin, Sudostroenie 56 no. 2:43-47 F '66.

ELECTRIC GENERATORS—WINDINGS

Khalikovskii, A.V. [Problems of the reliability of the insulation of generator stator windings] Voprosy nadezhnosti izolatsii statornykh obmotok generatorov, Moskva, Energiia, 1966. 239 p. (Pul'mory v elektrozolizatsionnoi tekhnike, no. 12)

ELECTRIC HEATING ELEMENTS

Electric heating elements with graphite inserts. B.K. Loksha, N.N. Kubyshov, N.A. Stoliarevskii, TSvet. met. 36 no. 1:46-48 Ja '66.

Sintering and the technical properties of heaters made of silicon carbide depending on its granular composition. N.I. Voronin, D.D. Khrycheva, R.I. Bresker, Ognepopy 31 no. 2:43-45 '66.

ELECTRIC INDUSTRY WORKERS—EDUCATION AND TRAINING see subdivision under Malkop

ELECTRIC INSTRUMENTS

Leningrad Gosudarstvennyi Institut prikladnoi khimii
[Instrumentation and regulators developed by the State
Institute of Applied Chemistry] Kontrol'no-izmeritel'-
nye pribory i regulatory, razrabotannye v GIPKh.
Leningrad, Goskhimizdat, 1952 61 p. (Russian,
no. 60)

ELECTRIC INSULATORS AND INSULATING

Determination of the resistance of soiled insulators with
presence and absence of preliminary discharge arcing
on their surface. L. A. Solomonik. Izv. NIPI no. 11
71-101 '65.

Discharge potential of line insulation and breakdown poten-
tials of valve dischargers during switching surges. I. U. M.
Gutman. Izv. NIPI no. 11 141-144 '65.

Distribution of the probabilities of the relationship of
switching surge amplitudes originating at the open and
feeding ends of electric power transmission lines with
disconnecting switches at the higher voltage side. B. R.
T. Shperling, S. S. Shui. Izv. NIPI no. 11 176-190 '65.

Effect of the magnitude of ionization intensity on the life
of a polyethylene film. N. S. Ilchenko, G. I. Gavriluk,
A. V. Kovalev. Izv. vys. ucheb. zav., energ. 9 no. 3
70-76 Mi '66.

Effect of water emulsion lacquers on PETV make wires.
P. K. Makarov, E. P. Shliakhtina. Elektricheskaya 37
no. 2 52 F '66.

Efficient technology for the exchange of insulators. G. P.
Maslov. Elektr. i topl. tsiaga 10 no. 3 12-13 Mi '66.

Improvement of the insulation of heating elements. V. Gavril-
lenko. Tekhn. v sel'khoz., 26 no. 3 38-39 Mr '66.

The KO-80 electric insulating silicon epoxide lacquer.
V. D. Orlova, K. B. Riazanov, V. B. Losov, B. M. tekhn.-
ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.,
no. 110 Ja '66.

Mechanism of the development of a charge on a conductive
moist insulator surface with long-term action of poten-
tial. S. D. Merkhalev, E. A. Solomonik. Izv. NIPI no. 11:
3-18 '65.

Nikulin, N. V., and V. V. Kozlov. [Manufacture of elec-
troceramic items] Priizvodstvo elektrokeramicheskikh
izdelii. Moskva, Vysshaya shkola, 1955. 282 p.

One of the causes of the burning through of Ignitron casing.
V. S. Tsvetkov. Elektr. i topl. tsiaga 9 no. 12 33-34 D '65.

Study and calculation of the discharge characteristics of
soiled insulators. E. A. Solomonik. Izv. NIPI no. 11
19-73 '63.

Use of pantograph isolators on the switches of overhead
contact systems. A. I. Karpenko. Elektr. i topl. tsiaga 9
no. 12 25 D '65.

Using the electron microscope for studying the structure
of oxide electrically conducting films on glass and
other insulation materials. N. M. Vatsfeldt, S. V.
Iukova, O. A. mekh. prom., 33 no. 3 11-14 Mi '66.

ELECTRIC INSULATORS AND INSULATION—RE- LIABILITY

Khval'kovskii, A. V. [Problems of the reliability of
the insulation of generator stator windings] Voprosy
nadezhnosti izolatsii statornykh obmotok generatorov,
Moskva, Energiya, 1956. 239 p. (Polnoye v
elektroizolatsionnoi tekhnike, no. 12)

ELECTRIC INSULATORS AND INSULATION—TESTING

Effect of the parameters of a test system on the A. C.
discharge characteristics of soiled insulators. S. D.
Merkhalev, E. A. Solomonik. Izv. NIPI no. 11 105-121
'65.

ELECTRIC LABORATORIES

Net-wide seminar of the workers of railroad electric engi-
neering laboratories. Elektr. i topl. tsiaga 9 no. 12 10 D
'65.

ELECTRIC LABORATORIES—EQUIPMENT AND SUP- PLIES

Installation of grounding devices in laboratory testing
systems. M. R. Naifeldt. Energetik 14 no. 3 142
Mi '66.

Light fixtures with incandescent lamps for use on induc-
tional premises. Svetotekhnika 12 no. 2 32 I '66.

Reference materials for calculating lighting systems
with FMI, FL-2A, PRZh, PDI, FBL, and NV 1 light
fixtures. Svetotekhnika 12 no. 4 26-30 Vp '66.

Structural assemblies of electric light fixtures. G. B.
Dvoin. Svetotekhnika 12 no. 3 20-29 Mi '66.

ELECTRIC LIGHTING

Designs of modern lighting systems should correspond
to present-day requirements. Svetotekhnika 12 no. 4
1-3 Ap '66.

Equation of figures of bright points and representation
of a light source. O. K. Kuchik. Svetotekhnika 12
no. 3 21-27 Mi '66.

Photometric properties of electroluminescent panels.
A. M. Pomin. Svetotekhnika 12 no. 3 14-16 Mi '66.

Present-day trends in the designs of electric lighting sys-
tems of industrial enterprises. G. M. Kozlov. Svetotekhnika
12 no. 1 3-7 Ap '66.

Reflection coefficients of aluminum alloys used in construc-
tion. S. A. Timashov. Svetotekhnika 12 no. 2 27-30
I '66.

Scope and formulation of light engineering designs.
I. B. Obukhtsev. Svetotekhnika 12 no. 1 21-27
Ap '66.

Through the pages of foreign magazines. Svetotekhnika
12 no. 2 71 F '66.

Through the pages of foreign magazines. Svetotekhnika
12 no. 3 30-31 Mi '66.

Through the pages of foreign magazines. Svetotekhnika
12 no. 1 31-32 Ap '66.

ELECTRIC LINES

Optimal current density in electrical networks. S. M. Gi-
l'fson. Izv. vys. ucheb. zav., elektromekh., 9 no. 3
327-312 '66.

Tables of Carson integrals for use in the calculation of
wave processes in lines with consideration of the
ground. L. S. Perel'man. Izv. NIPI no. 11 347-460
'65.

ELECTRIC LINES—NOISE

Study of positive corona pulses and radio interference
from a wire under field conditions. L. S. Perel'man,
M. I. Chernobrov. Elektricheskoye 4 62-66 Ap
'66.

ELECTRIC LINES—OVERHEAD

(see also subdivision under Central Chernozem
region, Krasnodar Territory, Ukraine)

Decreasing the possibility of overhead lines from coming
into contact during their flashing. O. G. Veksel'man.
Elektricheskoye no. 4 71-70 Ap '66.

Deflection of the clearings of overhead power trans-
mission lines. G. E. Novikov, G. V. Plotnikov. Ener-
getik 14 no. 3 28-30 Mi '66.

Development of power transmission lines in the U. S. S. R.
A. D. Romanov, R. L. Zil'berman. Energ. stroi. no. 7:
66-69 '65.

Device for raising the wires on aerial cross-over points
of overhead contact systems. A. A. Shchamail'. Elektr.
i topl. tsiaga 9 no. 12 16-18 D '65.

Discharge potential of line insulation and breakdown poten-
tials of valve dischargers during switching surges.
I. U. M. Gutman. Izv. NIPI no. 11 141-144 '65.

Mechanism of the development of a charge on a conductive
moist insulator surface with long-term action of poten-
tial. S. D. Merkhalev, E. A. Solomonik. Izv. NIPI
no. 11 3-18 '65.

Standardization of tubular dischargers. F. V. Iezrukov,
I. U. P. Galkin. Elektricheskaya 37 no. 2 41-42 F '66.

Study of the discharge potentials of long air gaps with
ultracorona on one of the electrodes during switching
surges. N. I. Steplina, A. A. Filippov. Izv. NIPI no. 11
122-140 '65.

Use of pantograph isolators on the switches of overhead
contact systems. A. I. Karpenko. Elektr. i topl. tsiaga 9
no. 12 25 D '65.

ELECTRIC LINES—POLES AND TOWERS

Assembling the pipe poles for the crossing of the South
Bug River. L. M. Gritman. Energ. stroi. no. 44 59-
61 '64.

Construction of a 220 kv electric power transmission
line between Kirov and Balazino. I. A. Mernman. Energ.
stroi. no. 5 75-79 '65.

Engineering and economic considerations for the using
of precast reinforced concrete. M. A. Reut. Energ.
stroi. no. 5 80-82 '65.

Erection of crossing towers using the plane method.
M. M. Borovskii, and others. Energ. stroi. no. 44 55-
59 '64.

New types of intermediate reinforced concrete supports
for 330 kv electric power transmission lines. V. N.
Vishniakov, V. A. Frenk, G. N. Elenbogen. Energ. stroi.
no. 5 65-74 '65.

Small-sized P-shaped wooden pole for 230 kv electric
power transmission lines. I. A. E. Vol'kovich. Energ.
stroi. no. 44 84-87 '61.

Tatkhov, B. I. [Safety manual for workers engaged in
loading and unloading power transmission line poles]
Pamiatka po tekhnike bezopasnosti dlia rabochikh,
zanimaykh na pognazke i razguzke opor vozdukhnykh
linii elektropriemodachi. Moskva, Stroiizdat, 1955. 31 p.
(Tekhnika bezopasnosti v stroitel'stve)

ELECTRIC LINES—UNDERGROUND

Joint system for electric protection and corrosion
protection of high-voltage cable. I. M. Beidichevskii,
V. N. Ivanov. Energetika 11 no. 3 7-9 Mi '66.

Rollers for placing cables in tunnels and galleries.
I. B. Peigament. Energetik 11 no. 3 35-36 Mi '66.

Use of a Russian mechanism in the proximity of cable
lines. I. P. Smil'nov. Energetik 14 no. 3 13 Mi
'66.

ELECTRIC LINES—UNDERGROUND—CORROSION

Protection from underground corrosion of aluminum
cable sheaths. V. S. Aramunov. Zashch. met., 2 no. 2:
176-180 '66.

Protection of power cables against corrosion. N. M.
Muniz, Z. I. Rudskii. Zashch. met., 2 no. 2 181-187
'66.

ELECTRIC LOCOMOTIVES

Electromagnetic processes in a traction network during the
operation of a rectifier locomotives with regenerative
braking. A. T. Buikov. Stroi i LIZHT no. 227 3-23
'61.

Locomotive crews on lengthened turn-around runs. K. M.
Vasilev, P. D. Shalutin. V. P. Shalutin. Elektr. i topl.
tsiaga 10 no. 3 9-10 Mr '66.

Simple and useful improvement. A. F. Tsinov. Elektr.
i topl. tsiaga 10 no. 3 21 Mi '66.

Use of electronic analog computers in the study of the
transients of the power circuits of electric locomotives.
V. I. Nekrasov. Izv. vys. ucheb. zav., elektromekh., 9
no. 3 260-270 '66.

ELECTRIC LOCOMOTIVES—BRAKES

Rheostatic braking system on ChS' electric locomotives.
A. I. Ilyayev. Elektr. i topl. tsiaga 9 no. 12 30-31 D '65.

ELECTRIC LOCOMOTIVES—COLD WEATHER OPERA- TIONS

Our method of drying the collectors of electric locomotive
motors in winter. V. L. Hlenko. Elektr. i topl. tsiaga 9
no. 12 16 D '65.

Using a separate electric oven set for heating the engi-
neer's cab of an electric train. M. S. Galyonovskii, V. P.
Shvalko. Elektr. i topl. tsiaga 9 no. 12 7-8 D '65.

ELECTRIC LOCOMOTIVES—CURRENT SUPPLY and subdivision under Irkutsk

ELECTRIC LOCOMOTIVES—ELECTRIC EQUIPMENT

Damages of the group switch of VL60 electric locomotives.
M. A. Abiev, R. L. Kondrat'ev, V. A. Kartamyshov.
Vost. TSNI MPS 26 no. 2 17-18 '66.

Electric circuit of VL60K electric locomotives. Elektr.
i topl. tsiaga 10 no. 3 insert Mi '66.

Electric circuit of VL60K electric locomotives with
semiconductor silicon rectifiers. M. A. Katvor, V. I.
Pukomkin. Elektr. i topl. tsiaga 10 no. 3 22-26 Mi '66.

One of the causes of the burning through of Ignitron casing.
V. S. Tsvetkov. Elektr. i topl. tsiaga 9 no. 12 33-34 D '65.

Simple improvement. A. F. Tsinov. Elektr. i topl. tsiaga 9
no. 12 23 D '65.

Simple way to detect short circuits. P. I. Slikaruplov.
Elektr. i topl. tsiaga 10 no. 3 30 Mr '66.

Study of the operation of cold-cathode thyristors in pro-
tective circuits of electric locomotives. A. I. Gikla,
V. G. Timurdzhi. Izv. vys. ucheb. zav., elektromekh., 9
no. 3 279-282 '66.

Transient processes in the circuit of NB-41M traction
engines of the VL60 electric locomotive. A. S. Kurbanov.
Vost. TSNI MPS 26 no. 2 5-7 '66.

Useful modernization of the mechanical blocking of LKG-
60/20 switches. M. A. Abiev, R. L. Kondrat'ev, V. A.
Kartamyshov. Elektr. i topl. tsiaga 9 no. 12 27-23 D '65.

ELECTRIC LOCOMOTIVES—MAINTENANCE AND RE- PAIR

Group fault on the VL60 electric locomotive. Where is the
short circuit? V. E. Ryzhkov. Elektr. i topl. tsiaga 9
no. 10 26-27 O '65.

Improving the technology of the repair of VL22 electric
locomotive traction engines. G. A. Sheshin, V. V. Chup-
lin. Elektr. i topl. tsiaga 9 no. 10 7-10 O '65.

Some defects which can be easily eliminated. L. N.
Kashin. Elektr. i topl. tsiaga 10 no. 3 20-21 Mi '66.

Testing of the recuperation circuit on VL8 electric
locomotives. I. U. A. Gritsenko, V. P. Bulgakov,
A. I. Kleiner. Elektr. i topl. tsiaga 9 no. 10 25-26
O '65.

ELECTRIC LOCOMOTIVES—PARTS

Should one interlock the motor and braking units? B. V.
Kulakov, V. K. Kiselev. Elektr. i topl. tsiaga 10 no. 3
20-21 Mr '66.

ELECTRIC MACHINERY

- Determination of optimum dimensions of electrical machines. S.G. Aitakov. *Elektrichestvo* no. 3:13-18 Mr '66.
- Magnetizing forces and torques of two-phase nonsymmetric electrical machines. P.M. Uferov. *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 2:135-143 '66.
- Nasonkin, A. P., and A. A. Zakidyshev. [Laboratory and practical work with electrical equipment]. *Laboratornye raboty i prakticheskie zaniatiya po elektrotekhnologii*. Kiev, Izd-vo Kievskogo univ., 1965. 106 p.

ELECTRIC MACHINERY—ALTERNATING CURRENT

- Determination of the air gap factor in the presence of a magnetic wedge. L. F. Kolomeitsev, R. V. Rolych, D. I. Sekretov. *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 2:144-149 '66.

ELECTRIC MACHINERY—COOLING

- Effect of the outside air temperature on the heating of the armature windings of the electric traction machines. V. D. Kuz'mich. *Trudy MII* no. 209:72-74 '65.

ELECTRIC MACHINERY—DIRECT CURRENT

- Concerning M. F. Kanasov and V. N. Kozlov's article "Optimal commutation in d. c. machines." O. G. Veyner. *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 2:230-234 '66.
- Experimental study of the operation of a low-voltage unipolar generator for d. c. conduction pump feeding. B. L. Alievskii, A. I. Borshov. *Mag. gtd.* no. 4:125-129 '65.

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

- Reconditioning worn-out shaft journals of electric machinery. A. L. Novozhilov. *Mashinostroitel'* no. 3:53 Mr '66.

ELECTRIC MACHINERY—RELIABILITY

- (see also subdivision under RIG)
- Operational reliability of electrical machines. A. A. Rogan and others. *Prom. energ.* 20 no. 4:21-23 Ap '65.

ELECTRIC MACHINERY—WINDINGS

- Effect of equalizers on the self-induction and mutual-induction coefficients of sections. O. R. Mandiyka. *Elektrotehnika* 37 no. 2:15-16 F '66.
- Precise heat calculation of armature windings. I. U. K. Vasil'ev. *Elektrichestvo* no. 4:22-28 Ap '66.

ELECTRIC MACHINERY, SYNCHRONOUS

- Remarks on the article "Fundamentals of the design of high-speed synchronous machines with increased frequency." O. A. Chebyskin. *Elektrotehnika* 37 no. 2:61 F '66.

ELECTRIC MACHINERY INDUSTRY see subdivision under Leningrad

ELECTRIC MEASUREMENTS

- Bolko, V. A., G. V. Il'in, and I. U. A. Makov. [Measurements made in the testing of ship mechanisms]. *Izmereniya pri ispytaniyakh sudovoykh mekhanicheskikh ustanovok*. Leningrad, Sudostroitel', 1965. 260 p.
- Conference on automatic control and electric measurements. S. T. Vas'kov. *Prilozheniya k teorii* no. 3:28 Mr '66.
- Contactless network for balancing d. c. measuring bridges. V. A. Zalkin. *Trudy VNIITsifgiz* no. 1:103-109 '65.
- Critical amplification factor in automatic a. c. bridges. I. A. Tomson. *Izv. SO AN SSSR no. 10 Ser. tekhn. nauk* no. 3:27-33 '64.
- Determination of ohmic losses in the electrolysis involving gas evolution. R. I. Iosonkov. *Elektrokhimiya* 2 no. 3:371-373 Mr '66.
- Device for converting inductance and resistance to frequency. E. I. Rodion. *Trudy LPI* no. 256:28-30 '65.
- Device for measuring the resistance of supports and foundations of the contact networks of a. c. railroads. V. G. Karataev. *Sbor. trud. LIZHT* no. 227:145-148 '64.
- Digital compensating device for measuring generalized mechanical force (force, moment, pressure, and acceleration). E. S. Levshina, V. S. Molotchenko, I. I. Suderevskii. *Trudy LPI* no. 256:10-13 '65.
- Digital device for dividing losses in magnetic materials. D. I. Zorin, N. V. Malygina, G. N. Novopashennyi. *Trudy LPI* no. 256:47-48 '65.
- Digital method for measuring the amplitude of an impulse signal. G. N. Novopashennyi, A. N. Iasenski. *Trudy LPI* no. 256:41-46 '65.
- [EKA; encyclopedia of measurements, control, and automation] *EKA; entsiklopediya izmereniy kontrolya i avtomatizatsii*. Moskva, Energiya, 1966. 79 p.
- Instrument for measuring threshold resistance values and other parameters of electrical components. D. A. Gol'dring. *Bul. tekhn.-ekon. inform. Gos. nauch. ts. ts. nauch. i tekhn. inform.* 19 no. 1:37-38 Ja '66.
- Khushnurov, V. N. [Principles of digital electrical measurement techniques and digital converters]. *Osnovy tsifrovoy elektromeritel'noy tekhniki i tsifrovoy preobrazovatel'*. Moskva, Energiya, 1966. 344 p.

- Measurement of high d. c. potentials with increased accuracy by means of high-resistance frequency dividers. A. V. Vorob'ev. *Izv. NIPT* no. 11:337-341 '65.
- Measurement of low frequencies. A. M. Margolin. *Trudy LPI* no. 256:19-22 '65.
- Measurement of potentials between "rail-ground", "an-con-truss-rail" and "pole-rail". E. P. Seleznev, V. G. Karataev. *Sbor. trud. LIZHT* no. 227:155-163 '64.
- Measuring circuit system with a resonance inductor for technical measurements. V. A. Fedorenko. *Leh. prain.* no. 1:35-38 Ja-F '66.

- Method for compensating nonlinear frequency transducers. A. N. Gurova. *Trudy LPI* no. 256:38-40 '65.
- New method for constructing digital compensating devices for the measurement of mechanical values. V. G. Khornring, L. K. Rukina. *Trudy LPI* no. 256:3-9 '65.
- Nonstability of stringed converters operating with a free string. G. A. Kondrashkova. *Trudy LPI* no. 256:62-64 '65.

- Results of the symposium on the use of electronic techniques for measuring distances. G. M. Karlov. *Good. i kart.* no. 1:25-29 N '65.

- Russia (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Instruction 192-62 on checking a. c. bridges]. *Instruktsiya 192-62 po proverke moslov peremennogo toka*. Izd. ofitsial'noe. [Moskva], Izd-vo Standartov, 1965. 55 p.

- Study of the error of a diode coincidence circuit as an element of phase measuring device. V. I. Tsygankov, V. N. Zashirko. *Nauch. trudy ONMT* 61:10-18 '64.

- Study of torque transducers. P. M. Alabuzhev and others. *Izv. SO AN SSSR no. 10 Ser. tekhn. nauk* no. 3:61-68 '64.
- Three-phase ring-type phase detector. A. B. Florinskii. *Elektrichestvo* no. 4:90-91 Ap '66.

- Transistorized instrument voltage amplifiers. L. D. Gik. *Izv. SO AN SSSR no. 10 Ser. tekhn. nauk* no. 3:9-17 '64.
- Use of a three readings method on a Q-meter in measuring E and H of materials with high losses. R. G. Shengeltia. *Elektrichestvo* no. 3:79-81 Mr '66.

ELECTRIC METAL CUTTING

- Dependence of the erosion effect of bimetal electrodes on the position of the initial discharge. I. G. Nekrashevich, I. A. Bakula. *Elek. obr. mat.* no. 1:16-19 '65.
- Electric spark method of manufacturing precision blanking dies with ungrooved electrodes. V. P. Smolentsev. *Elek. obr. mat.* no. 1:85-88 '65.
- Electrochemical machining. L. Z. Tokar'. *Mashino-stroitel'* no. 3:45-47 Mr '66.
- Experience in the introduction of plasma cutting of aluminum in an electromechanical equipment factory. I. N. Bokker. *Energ. stroit.* no. 7:72-76 '65.

- Gas-arc cutting of 250 mm-thick aluminum alloys. I. S. Shapiro and others. *Svar. proizv.* no. 4:31-33 Ap '66.
- Lapunov, M. A., E. L. Tsenta, and E. P. Iufa. [Electric pulse machining of high-strength metals and alloys]. *Elektroimpul'snaya obrabotka vysokoprotchnykh metallov i splavov*. Pod red. E. P. Iufa. Kiev, Tekhnika, 1965. 149 p.

- Manual electric-arc cutting of aluminum in an argon-ammonium mixture. V. I. Saenko. *Svar. proizv.* no. 4:33-31 Ap '66.

- Media for dimensional electric spark machining of metals. A. N. Mekur'ev and others. *Elek. obr. mat.* no. 1:20-30 '65.

- Method and equipment for investigating the electroerosion process under the effect of repeated discharges. A. A. Nannatov, G. A. Ostapov. *Elek. obr. mat.* no. 1:12-14 '65.

- Modernization of a horizontal milling machine for electrochemical machining. V. M. Mordekhai. *Stam. i trut.* 37 no. 2:12-13 F '66.

- Precision electric spark machining of metals in a carbon-free medium. E. V. Kholodov. *Elek. obr. mat.* no. 1:37-40 '65.

- Prospects of the plasma-arc cutting of steel. K. V. Vasil'ov. *Svar. proizv.* no. 3:18-21 Mr '66.

- Study of argon-air cutting of metals using a penetrating arc. O. I. A. Mostashvili. *Elektrotehnika* 37 no. 2:47-48 F '66.

- Studying plasma cutting of aluminum in the making and installation of bus conductors of electric power plants. V. V. Andreev. *Energ. stroit.* no. 7:70-71 '65.

ELECTRIC METAL CUTTING—BIBLIOGRAPHY see Bibliography—Electric metal cutting

- ELECTRIC METAL CUTTING—CONGRESSES
- All-Union Conference on the Electric Spark Machining of Metals. *Elek. obr. mat.* no. 1:93 '65.

- Ninth International Colloquium of the Higher Technical School in Jena (German Democratic Republic). *Elek. obr. mat.* no. 1:93-94 '65.

- ELECTRIC METAL CUTTING—EQUIPMENT AND SUPPLIES
- Electric spark equipment VUMA-VJK-4. *Elek. obr. mat.* no. 1:90-92 '66.

- ELECTRIC METERS
- Meter of electrostatic charges. V. I. Orlov, V. P. Sitnikov, V. N. Shikhov. *Prilozheniya k teorii* no. 3:24 Mr '66.

ELECTRIC MOTORS

- Ceramic metal materials for magnetic wedges of electrical machines. A. B. Altman, P. A. Gladyshev, I. D. Rastanov. *Elektrotehnika* 37 no. 2:6-10 F '66.
- Dynamic parameters of a generator-motor system. D. S. Yampolski, L. M. Spivak. *Elektrotehnika* 37 no. 2:21-26 F '66.
- Semigraphical method for determining the parameters of synchronous and pre-excited modes of operation of a hysteretic motor. N. A. Musyka, I. U. A. Musyka. *Elektrichestvo* no. 4:60-70 Ap '66.

- Start of an electric motor with a rolling rotor. S. N. Alekseev-Mokhov. *Elektrotehnika* 37 no. 2:53-56 F '66.

- Stroboscopic indicator of the power of electric motors. A. Abramov, V. Kaplenko. *Tekhn. v sel'khoz.* 26 no. 3:36-38 Mr '66.

ELECTRIC MOTORS—MAINTENANCE AND REPAIR

- Device for the repair of electric motors. N. D. Kuznetsov. *Gidroliz. i tesekhim. prom.* 19 no. 2:28 '66.
- Repair of electric motors by replacement of windings. F. S. Devotchenko. *Energetik* 14 no. 3:38-39 Mr '66.

ELECTRIC MOTORS—MEASUREMENT

- Measurement of the torque of low-power electrical motors. G. P. Arsen'eva, V. S. Krasnova. *Elektrotehnika* 37 no. 2:50-51 F '66.

ELECTRIC MOTORS—SAFETY MEASURES

- Encapsulation of the stators of electric mining machines using epoxy compounds. A. P. Kononenko, V. I. Shmatkova, A. D. Uchitell. *Elektrotehnika* 37 no. 2:40-50 F '66.
- G. F. Kutimov's suggestions on the protection of an electric motor from operation on two phases. *Energetik* 14 no. 3:37 Mr '66.
- Protection of electric motors from overload. V. Ambar-tsuman. *Tekhn. v sel'khoz.* 26 no. 2:41-13 F '66.

ELECTRIC MOTORS—VIBRATION

- Evaluating the vibration rate of electric motors. V. A. Kudinov, A. G. Pavlov. *Vest. mashinost.* 46 no. 3:30-40 Mr '66.

ELECTRIC MOTORS—WINDINGS

- Effect of water emulsion lacquers on PETV make wires. F. K. Makarov, E. P. Sitnikhina. *Elektrotehnika* 37 no. 2:52 F '66.

ELECTRIC MOTORS, ALTERNATING CURRENT

- Longitudinal magnetic fields in a. c. drives with traveling fields. M. M. Lokhov. *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 2:127-134 '66.

ELECTRIC MOTORS, DIRECT CURRENT

- Degree of efficiency of a rectifier motor. M. Z. Khamud-khanov, I. Safatlaev. *Izv. AN Uz. SSR. Ser. tekhn. nauk.* 10 no. 1:3-9 '66.
- The M.B.-series of micromotors. E. A. Lodechnikov and others. *Elektrotehnika* 37 no. 2:6-8 F '66.

ELECTRIC MOTORS, DIRECT CURRENT—THERMAL PROPERTIES

- Thermal analysis of the main pole of a d. c. motor. V. G. Dan'ko. *Samoletostr. i tekhn. vozd. flota* no. 2:28-34 '65.

ELECTRIC MOTORS, INDUCTION

- Asynchronous motor used as a braking unit. S. Genennikov. *Avt. transp.* 44 no. 2:52 F '66.

- Concerning the article "Determination of the starting time of an asynchronous motor." L. I. Stotov. *Elektrotehnika* 37 no. 2:61 F '66.

- Determination of the geometric factors of the closed groove of the rotor of a squirrel-cage induction motor. M. N. Slunov. *Izv. vys. ucheb. zav.; elektromekh.* 9 no. 2:150-164 '66.

- Determination of the transfer functions of asynchronous micromotors with hollow nonmagnetic rotors. I. N. Birul'ta, A. D. Gorbachev. *Izv. vys. ucheb. zav.; energ.* 9 no. 3:30-44 Mr '66.

- Electric drive for the charging of a locomotive with a gyrol-wheel. M. V. Gokhshtad, I. M. Zolotar', V. A. Kochmarov. *Izv. vys. ucheb. zav.; igor. zhur.* 5 no. 1:100-103 '62.

- Evaluation of the effect of the voltage on the operational efficiency of an asynchronous motor. V. A. Bodganov. *Izv. vys. ucheb. zav.; energ.* 9 no. 3:45-50 Mr '66.

- Problems of the design of torque indicating end-type induction motors with printed windings. V. A. Ignatov, E. V. Andreev. *Trudy VZET* no. 2:120-134 '65.

- Study of a single-phase mode of operation of a three-phase induction motor. S. Iliev. *Prom. energ.* 21 no. 3:25-28 Mr '66.

ELECTRIC MOTORS, INDUCTION—WINDINGS

- Design of induction motors with two nonsymmetrical stator windings. G. V. Ivanova. *Elektrichestvo* no. 3:27-33 Mr '66.

- Tsibulevskii, P. I., ed. [Winding data on asynchronous electric motors]. *Obmotchnyye dannyye asinkhronnykh dvigatelei*. Moskva, Energiya, 1966. 387 p.

ELECTRIC MOTORS, SYNCHRONOUS

- Calculation of the starting of synchronous motors. L. I. Andriashenko, V. M. Kripichnikov, N. S. Shunov, Izv. vys. ucheb. zav.; elektromekh. 0 no. 2:160-164 '66.
- Dzheliazov, A. R. [Sci. systems with synchronous motors] Sledushche sistemy s sinkhronnyimi dvigatelami. Fizmat, Uim, 1966, 157 p.
- Modern excitation systems of large synchronous motors. V. A. Trushin. Trudy VZEI no. 27:91-94 '64.
- Selection of a law governing the automatic excitation control of synchronous motors. V. A. Trushin. Trudy VZEI no. 27:95-100 '64.

ELECTRIC NETWORKS

- Analytical design of a ferroresonant circuit in a second harmonic excitation mode. V. M. Bladyko, V. N. Gorluk, A. A. Marutenko. Izv. vys. ucheb. zav.; energ. 9 no. 3:21-31. M.: '66.
- Bykov, A. P., and G. N. Sapkov. [Theoretical principles of electrical engineering: Calculation of transient processes in linear networks with lumped parameters using the classical method, manual for students majoring in electrical and power engineering] Teoreticheskie osnovy elektrotekhniki. Raschet perekhodnykh protsessov v lineynykh elekticheskikh tsyaplakh s posredotochennymi parametrami klassicheskimi metodami; uchebnoe posobie dlia studentov elektrotekhnicheskikh i energeticheskikh spetsialnostei. Moskva, Vses. zaochnyi in-t inzhenerov zhelezn. transporta, 1964, 168 p.

[MICROFILM]

- Calculation of electric networks with branching magnetic circuits operating under conditions of saturation. A. S. Pilyatova. Trudy VZEI no. 29:69-74 '65.
- Calculation of the parameters of a multistage network equivalent to the circuit of a complex structure. G. T. Adonts. Elektrichestvo no. 4:52-55 Ap '66.
- Calculation of transient and steady-state modes in nonlinear networks. O. M. Bogatyrev. Elektrichestvo no. 3:67-73 Mr '66.
- Determination of the coefficients of the fundamental equations of the steady operation of electrical systems with changed conditions in network commutation. S. S. Salikhov. Izv. AN Uz. SSR, Ser. tekhn. nauk. 10 no. 1:10-16 '66.
- Effect of equalizers on the self-induction and mutual-induction coefficients of sections. O. R. Mandiyka. Elektrotekhnika 37 no. 2:15-16 F '66.
- Matrix method for the synthesis of electronic RC-networks. O. L. Bandman. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3:67-80 '64.
- Measurement of the parameters of electrical networks. A. Sobolevskii. Radio no. 2:52-54 F '66.
- Meinikov, N. A., and L. A. Soldatkina. [Matrix methods for calculating the operating modes of closed-loop electrical networks] Matritsnyye metody rascheta rabotnykh rezhimov zamknyutyykh elekticheskikh setei. Moskva, Mosk. energ. in-t, 1965, 129 p.
- Pulse shaping units for current distributing networks. V. F. Melikhin. Trudy LPI no. 256:102-110 '65.
- Selective circuits of transistorized RC oscillators. V. S. Gulinikov. Trudy LPI no. 256:34-37 '65.
- Study of a network for stabilizing the amplitude of a sinusoidal voltage. G. A. Polievskii. Izv. vys. ucheb. zav.; elektromekh. 0 no. 2:209-212 '66.
- Study of the characteristics of oscillatory circuits with nonlinear condensers. L. K. Solov'ev. Radiotekhnika 21 no. 3:24-24 Zh '66.
- Synthesis of linear electrical networks in a time-dependent region. N. S. Kochanov. Elektrosvyaz' 20 no. 2:40-45 F '66.
- Tables of generalized Rayleigh distributions. V. I. Klimov, I. U. S. Kravchik. Izv. NIPT no. 11:391-399 '65.
- Two stable states of a circuit in a subharmonic mode of operation. K. I. Ishakov. Trudy VZEI no. 28:75-79 '65.
- Use of power relationship considerations in the calculation of nonlinear circuits with rectifiers. E. A. Karpov. Nauch. trudy OMIIT 51:3-8 '64.
- Zaezdnyl, A. M. [Fundamentals of radio circuit design; linear circuits with harmonic effects] Osnovy raschetov radiotekhnicheskikh tsyapl; lineinye tsyapli pri garmoni-cheskikh vozdeystviyakh. Moskva, Svyaz', 1966, 367 p.

ELECTRIC NETWORKS—NOISE

- Frequency methods for calculating noises at the output of linear electrical networks and control systems. A. S. Shatalov. Elektrichestvo no. 4:11-15 Ap '66.

ELECTRIC NETWORKS—RELIABILITY

- Method of expansions for calculating network reliability. K. A. Tyuda. Trudy LPI no. 256:71-73 '65.
- Problem in test control. L. A. Pchelintsev. Aytom. i telem. no. 2:107-108 '66.

ELECTRIC OIL WELL DRILLING see Oil well drilling, Electric

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER

- [Electric power production and utilization in foreign countries, supplement to the periodical "Elektricheskie stantsii"] Energokhoz. za rub. no. 1 '66.

- For the economy of electric power and fuel. N. Solunova. So. teig. 39 no. 3:52-51. Mr '66.
- Measures against unproductive expenditure of electric power. B. A. Konstantinov, A. A. Printsev. Prom. energ. 20 no. 4:5-9 Ap '65.
- Study seminar on the saving of thermal and electrical energy. T. P. Fojatova. Prom. energ. 20 no. 4:45-19 Ap '65.
- Suggestion, having received recognition at the Nineteenth All-Union Competition on the Saving of Thermal and Electrical Energy. Prom. energ. 20 no. 1:51-53 Ap '65.
- Use of rotary power accumulators in physical research. V. V. Kaplin, V. M. Nashatov. Elektrichestvo no. 4:79-81 Ap '66.

ELECTRIC POWER—ABSTRACTS

- [Electrical engineering and electric power] Ref. zhur.: Elektrichesk. i energ. no. 3 Mr '66.

ELECTRIC POWER—CONGRESSES

- Power engineers exchange their experience. S. Dubrov. Nauch. khoz. Kazakh. 24 no. 2:13-15 F '66.

ELECTRIC POWER DISTRIBUTION

- Balancing of modes during the operation of a power transmission line with a disconnected phase in an electrical network with a grounded neutral line. R. P. Brikulova, D. V. Timofeev. Elektrichestvo no. 3:55-63 Mr '66.
- Calculation of peaks in the electrical loads of a group of large power receiving systems. G. M. Kalalov, E. G. Kurennyi. Izv. vys. ucheb. zav.; elektromekh. 0 no. 3:313-347 '66.
- Calculation of the law governing the distribution of the deviations of the mode parameters during short-circuit in a complex electric power system. P. A. Kats, I. D. Sadovskii. Izv. NIPT no. 11:207-213 '65.
- Consideration of the dynamics of the growth of a system in performing hydroelectric power calculations. A. Sh. Reznikovskii, M. I. Rubinshtein. Izv. AN SSSR. Energ. i transp. no. 1:113-123 Ja-F '66.
- Consideration of the probability nature of loads in the calculation of electrical networks. D. A. Arzamastov, I. U. S. Shikharov. Elektrichestvo no. 1:43-46 Ap '66.
- Contributions to the theory of the engineering calculation of nonsteady thermal processes in large semiconductor devices. P. D. Davydov. Elektrichestvo no. 4:46-51 Ap '66.
- Determination of the law governing the distribution of the life of components in a case of limited test duration using different objects. D. E. Kadomskii. Izv. NIPT no. 11:275-287 '65.
- Determination of the time of losses. L. D. Khichanov. Elektrichestvo no. 4:76-79 Ap '66.
- Draft of changes and additions to "Temporary leading instructions on the determination of electrical loads of industrial enterprises." S. D. Volobriyevskii, P. N. Klein. Prom. energ. 20 no. 1:16-20 Ap '65.
- Effect of control techniques and the parameters of the generator excitation system on the dynamic stability of a long-distance power transmission line with electric braking and disconnection of generator. L. A. Koshechov, V. L. Nevel'skii, V. N. Tokova. Izv. NIPT no. 11:214-229 '65.
- Il'fashov, V. P. [Automatic control of the power of condenser systems] Avtomaticheskoe regulirovaniye snabzhenosti kondensatornykh ustanovok. Moskva, Energiya, 1966, 62 p. diagrams, insets. (Biblioteka elektromonta, no. 186).

- Methods for using a model in the determination of the statistical characteristics of a power transmission system with joint connection of an unloaded line. B. R. T. Shpetling. Izv. NIPT no. 11:191-206 '65.
- Optimal current density in electrical networks. S. M. Giletsion. Izv. vys. ucheb. zav.; elektromekh. 0 no. 3:337-342 '66.
- Optimum potentials in the electric power supply systems of industrial enterprises. I. U. Mukosov. Prom. energ. 20 no. 4:33-38 Ap '66.

- Problem of reliability and efficiency in the production of reactive power. V. A. Zhurilin. Prom. energ. 21 no. 3:19-23 Mr '66.

- Reliability of electric power transmitting and converting systems. D. E. Kadomskii. Izv. NIPT no. 11:255-267 '65.

- Reliability of power systems consisting of independent uniform blocks. D. E. Kadomskii. Izv. NIPT no. 11:268-274 '65.

- Sectionalizing protection in a stable nonsynchronous mode in an electric power system. S. E. Stepinin, V. M. Strelkov. Elektrichestvo no. 4:56-61 Ap '66.

- Solution of a problem in the theory of electrical loads of industrial enterprises. S. I. Divovich. Izv. vys. ucheb. zav.; elektromekh. 0 no. 3:348-349 '66.

- Two algorithms for calculating the steady operation of an electrical system with breakdown into subsystems. A. Z. Gamun, L. A. Kravtsov, I. A. Sher. Izv. AN SSSR. Energ. i transp. no. 1:51-63 Ja-F '66.

- Use of capacitor banks for improving the symmetry of incomplete phase modes in electrical systems. L. A. Zhukov, Ha. Iok Chak. Elektrichestvo no. 3:51-57 Mr '66.

- Use of conditional feedback systems in the reproduction of turbine characteristics in electrodynamic models of electric power systems. V. V. Buevich. Izv. AN SSSR. Energ. i transp. no. 1:10-50 Ja-F '66.

ELECTRIC POWER DISTRIBUTION—ALTERNATING CURRENT

- Distribution of the probabilities of the relationship of switching surge amplitudes originating at the open and feeding ends of electric power transmission lines with disconnecting switches at the higher voltage side. B. R. I. Shpetling, S. S. Shui. Izv. NIPT no. 11:176-190 '65.

ELECTRIC POWER DISTRIBUTION—COMMUNICATION SYSTEMS

- Equipment of a communication channel for the transmission of telemechanical data through electric power distribution networks. P. I. Zolotarev and others. Trudy VNIIDAnfing. no. 1:146-147 '65.

- Establishment of communication channels in 6-10 kv. power distribution cable networks in municipalities. E. I. Rozenkvt. Nauch. trudy AKKH no. 34:81-94 '65.

- Evaluation of the reliability of information transmitted through high-frequency channels using a sequential statistical analysis method. L. A. El'darov. Elektrichestvo no. 3:66-69 Mr '66.

- Some statistical interference characteristics of 6 kv. power distribution networks. E. I. Rozenkvt. Nauch. trudy AKKH no. 31:103-106 '65.

- Tables of Carson integrals for use in the calculation of wave processes in lines with consideration of the ground. L. S. Pchel'man. Izv. NIPT no. 11:342-350 '65.

ELECTRIC POWER DISTRIBUTION—DIRECT CURRENT

- Possible principles of the construction of the automatic control system of a hydroelectric power station and a d.c. transmission line. V. V. Krivenko. Elektrichestvo no. 4:38-42 Ap '66.

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

- Chernov, K. K. [Safety methods for work in electrical systems] Bezopasnyye sposoby raboty v elektrostanovalkakh. Moskva, Energiya, 1966, 70 p. (Biblioteka elektromonta, no. 170).

- Safety of the electric power systems in trade organizations. S. Seidich. Sov. teig. 39 no. 3:55-56 Mr '66.

ELECTRIC POWER DISTRIBUTION—SAFETY REGULATIONS

- Russia (1923- U.S.S.R.) Tekhnicheskoe upravleniye po ekspluatatsii energosistem. [Safety regulations for operating the electrical systems of municipal power distribution networks] Pravila tekhniki bezopasnosti pri ekspluatatsii elektrostanovalok gor. odskikh elektrostoi. Izd. 15, steizopisnoe. Moskva, Energiya, 1966, 83 p.

ELECTRIC POWER PLANTS

- (see also subdivision under Germany, West, Great Britain)
- Antonov, N. N., and others. [Large condensing electric power plants in electric power systems, technical and economic problems in the light of their development] Krupnye kondensatsionnyye elektrostantsii v energosistemakh, tekhniko-ekonomicheskie voprosy v perspektive razvitiya. Leningrad, Izd-vo Leningr. univ., 1965, 120 p. (Leningrad, Leningradskii inzhenerno-ekonomicheskii institut. Trudy, no. 56).

- Flooding of the sites of thermal electric power stations. B. L. Gorlovskii. Energ. stroi. no. 5:10-13 '65.

- Give a clean-cut structure to organizations working on installation of measuring instruments and automatic control. G. N. Potol. Energ. stroi. no. 5:37-38 '65.

- Large-diameter cast-in-place piles used in the construction of the Berzovskaya State Regional Electric Power Plant. L. L. Rogachevskii, V. B. Khelfets, E. A. Tukolov. Energ. stroi. no. 7:11-15 '65.

- Organization of the installation of measuring instruments and automatic control in thermal electric power stations. M. A. Ivanov. Energ. stroi. no. 5:39-41 '65.

- Study of the operation of the evaporators of the K-200-130 block of the Lugan-Sage Regional Electric Power Plant. L. S. Sterman, N. A. Mozharov. Toploenergetika 12 no. 12:15-18 D '65.

- Use of aviation gas turbine engines in industry in Great Britain and the United States. S. N. Uvarov. Prom. energ. 20 no. 4:43-45 Ap '66.

ELECTRIC POWER PLANTS—BIBLIOGRAPHY see Bibliography—Electric power plants

ELECTRIC POWER PLANTS—CONTRACTS AND SPECIFICATIONS

- Raise the standard of economic operations in the construction of electric power systems. Energ. stroi. no. 7:3-5 '66.

ELECTRIC POWER PLANTS—COSTS

- Economic efficiency of improving the quality of transformer steel. G. V. Yitin, A. G. Lifshits. Izv. vys. ucheb. zav.; Chern. met. 8 no. 3:196-199 '66.

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

(see also subdivision under Ural Mountain region)
Selection of fitting alternative layout for the permanent pipe system of the industrial site of a thermal electric power station. I. V. Grishanov. *Energ. stroi.*, no. 3:3-6 '65.

Span 100 m from reinforced concrete arcs of double curvature for industrial buildings. M. P. Margulian, A. B. Novitskiy. *Energ. stroi.*, no. 7:18-25 '65.

Ways of development of the construction of thermal electric power stations. N. A. Turchin. *Energ. stroi.*, no. 11:69-74 '64.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Experience in the operation of DS (DSR) and MS (MSR) busbars and other types of devices in the Zimovsk State Regional Electric Power Plant. M. P. Vlasenko. *Energetika* 11 no. 3:21-25 '65.

ELECTRIC POWER PLANTS—FINANCE

Profitability and capital yield. V. Lunov. *Dokl. akad. 21* no. 2:35-40 '65.

ELECTRIC POWER PLANTS—FUEL CONSUMPTION

Principal trends in the economy of fuel in thermal electric power plants in the Moscow Electric Power System. A. P. Nemov. *Teploenergetika* 12 no. 12:6-8 '65.

ELECTRIC POWER PLANTS—SAFETY MEASURES

Conference on properly documented designs and plans for safety engineering in electric power engineering and construction. *Energ. stroi.*, no. 7:1-96 '65.

ELECTRIC POWER PLANTS—WATER SUPPLY

Chemical treatment of water and chemical control in black-type electric power plants. *Teploenergetika* 13 no. 1:90-93 '64.

ELECTRIC POWER PRODUCTION

Results of the socialist competitions of electric power generating enterprises and organization in the fourth quarter of 1965. *Energetika* 11 no. 3:40 '65.

Scientific organization of work in power generating enterprises. I. K. Shapovalov. *Energetika* 11 no. 3:41 '65.

ELECTRIC POWER PRODUCTION—INDEXES

Effect of internal load distribution on the power and economic indices of hydroelectric power stations. T. A. Filippova. *Gid. stroi.*, 35 no. 2:17-20 '65.

ELECTRIC POWER SUPPLY TO APPARATUS

Agapov, M. V., and A. V. Piskhula. [Electrical protection of transistorized power supply] *Elektricheskaya zashchita poluprovodnikovykh istochnikov pitaniya*. Moskva, Sovetskoe radio, 1966. 160 p.

D.c. converter with a power amplifier. V. I. Gamalunov. *Sbor. trud. LIZHIT* no. 227:149-154 '64.

IPS-2 and IPS-3 regulated power supply units for chromatographic analysis. I. U. Arutunov, D. Kh. Loseva. *Trudy VNIKAneftgaz*, no. 1:149-153 '65.

ELECTRIC POWER SUPPLY TO APPARATUS—CONGRESSES

Vsesoyuznaya konferentsiya po elektrosnabzheniyu i konditsionirovaniyu vozdukh na transporte. [Electric power supply and air conditioning in transportation, conference materials] *Energosnabzhenie i konditsionirovanie vozdukh na transporte; materialy konferentsii*. Riga, Zinatne, 1965. 340 p.

ELECTRIC PROSPECTING

(see also subdivision under Caucasus, Northern; Ural Mountains)

Causes of the distortion of curves of electric frequency sounding. A. N. Kuznetsov. *Razved. geofiz.*, no. 7:16-24 '65.

Considering the role of relief in geoelectric investigations. B. M. Smolnikov. *Geofiz. sbor.* no. 3:45-52 '65.

Determining the specific resistance of a half-space from aerial electric prospecting measurements using an infinite conductor. G. S. Frantov. *Izv. AN SSSR, Fiz. zem.* no. 2:42-52 '66.

Interpretation of the graphics γ_k of vertical electric sounding and the method of induced polarization. A. M. Iaroslavtsev. *Razved. i okh. nedr.*, 31 no. 11:60-62 '65.

Interpretation of the so-called graphics of vertical electric sounding without a finite asymptotic state. M. P. Skopchenko. *Mn. po geol., geofiz. i geokhim. Ukr.*, Kazkh., Zhabk. no. 2:143-145 '64.

Method for calculating the components of a magnetic field in induction units with dipole excitation. L. P. Dikmarova. *Izv. AN SSSR, Fiz. zem.*, no. 2:74-76 '66.

ELECTRIC PROSPECTING—ELECTROMECHANICAL ANALOGIES

Method for modeling dipole electric probing using electrically conductive paper. V. M. Mendeliev. *Geofiz. sbor.*, no. 3:121-123 '65.

ELECTRIC PROSPECTING—MAPS

Plotting aerolelectric prospecting maps. G. S. Frantov. *Razved. i okh. nedr.* 32 no. 1:16-40 '66.

ELECTRIC PROTECTION

Agapov, M. V., and A. V. Piskhula. [Electrical protection of transistorized power supply] *Elektricheskaya zashchita poluprovodnikovykh istochnikov pitaniya*. Moskva, Sovetskoe radio, 1966. 160 p.

Sectionalizing protection in a stable nonsynchronous mode in an electric power system. S. T. Stepunin, V. M. Stralov. *Elektrichestvo* no. 4:56-61 '66.

Standardization of tubular dischargers. F. V. Berezin, N. P. Galkin. *Elektrotehnika* 37 no. 2:41-42 '65.

Study of the discharge potentials of long air gaps with ultraviolet on one of the electrodes during switching surges. A. I. Stepina, A. A. Filippov. *Izv. NIPT* no. 11:122-110 '65.

ELECTRIC PUMPING MACHINERY—see Pumping machinery, Electric

ELECTRIC RAILROADS—CURRENT SUPPLY

Behavior of a contact network and its parameters during lightning induced overvoltages. K. B. Aleksandrov. *Sbor. trud. LIZHIT* no. 227:69-88 '64.

Electromagnetic processes in a traction network during the operation of rectifier locomotives with regenerative braking. A. T. Baikov. *Sbor. trud. LIZHIT* no. 227:3-23 '64.

Markvaid, K. G. [Power supply of electric railroads] *Energosnabzhenie elektricheskikh zheleznykh dorog*. 3, peier. i dop. izd. Moskva, Transport, 1965. 403 p.

Method for calculating lightning induced overvoltages in contact networks. K. B. Aleksandrov. *Sbor. trud. LIZHIT* no. 227:87-100 '64.

Proximity of the real distribution of the current loads of trains to normal distribution. S. E. Kuzin. *Sbor. trud. LIZHIT* no. 227:52-68 '64.

Simplified calculation of steady conditions in a feed network during the operation of single-phase rectifiers and inverters. A. T. Baikov. *Sbor. trud. LIZHIT* no. 227:24-51 '64.

Static frequency-pulse power transistor. L. A. Baranov. *Vest. TSNI MP* 25 no. 2:18-21 '65.

Study of the conditions of external power supply in electrified traction by means of characteristic functions. I. U. S. Krut'chik. *Izv. NIPT* no. 11:235-251 '65.

ELECTRIC RAILROADS—ELECTRIC EQUIPMENT

Nel-wide seminar of the workers of rail and electric engineering laboratories. *Elek. i topl. tuga* 9 no. 12:40 '65.

New voltage regulating system of the contact networks of ERGP electric trains. M. A. Vlashev, B. L. Neiz. *Elek. i topl. tuga* 9 no. 10:21-23 '65.

Ways to improve the auxiliary machinery of ERGP a.c. electric trains. L. A. Koval'chuk. *Elek. i topl. tuga* 10 no. 3:31-34 '65.

ELECTRIC RAILROADS—MAINTENANCE AND REPAIR

Analysis of electroautomatism cases occurred in the servicing of the rolling stock of electric railroads. I. U. G. Shibaev. *Trudy MIIT* no. 226:32-40 '66.

Efficient method of repairing reinforced concrete structures of overhead contact systems. A. M. Kuznetsov, D. A. Vysochik. *Elek. i topl. tuga* 9 no. 10:11-12 '65.

Manontov, V. G. [Track maintenance in sections with automatic blocking and electric traction] *Sodryzhanie puti na uchastkakh avtoblokirovki i elektrotzagi*. Moskva, Transport, 1966. 126 p.

ELECTRIC RAILROADS—PANTOGRAPH

Device for raising the wires on aerial cross-over points of overhead contact systems. A. A. Shchamail', *Elek. i topl. tuga* 9 no. 12:10-18 '65.

Ways to improve the operative efficiency of type P-3 and P-3A pantographs. P. I. Ablonskii. *Elek. i topl. tuga* 9 no. 12:10-11 '65.

ELECTRIC RAILROADS—POLES AND TOWERS

Efficient method of repairing reinforced concrete structures of overhead contact systems. A. M. Kuznetsov, D. A. Vysochik. *Elek. i topl. tuga* 9 no. 10:11-12 '65.

Glued plywood pipes, a new material for the intermediate structures of overhead contact systems. I. U. G. Koz'min, I. U. P. Sataev, A. G. Dol'nitsky. *Sbor. trud. LIZHIT* no. 234:109-116 '65.

Side stability of overhead contact system structures on reinforced slopes. N. D. Morenkov. *Vest. TSNI MP* 25 no. 2:40-42 '66.

ELECTRIC RAILROADS—RAILS

Control of the electrolytic corrosion of rails. Sh. I. Tavdilevskii. *Puti i put. khor.* 10 no. 2:11-12 '66.

ELECTRIC RAILROADS—SAFETY MEASURES

Calculation for optimum safety of the short-circuit conditions in a contact network following a Scott-type transformer. R. R. Mamoshin. *Trudy MIIT* no. 220:62-68 '66.

Safety appliances for the rolling stock of electric railroads. I. U. G. Shibaev. *Trudy MIIT* no. 226:63-68 '66.

Safety criterion of the grounding of a.c. electric traction systems. B. N. Kailakin. *Vest. TSNI MP* 25 no. 2, 1:1-17 '66.

ELECTRIC RAILROADS—SUBSTATIONS

Changes in the network of BST-50 and BTR-60 remote control of system bases. V. I. Orlov, V. V. Podshivalin, V. A. Rukhadze. *Elek. i topl. tuga* 9 no. 12:15-16 '65.

D.c. converter with a power amplifier. V. I. Gamalunov. *Sbor. trud. LIZHIT* no. 227:149-154 '64.

Electrification of railroads should serve the village. I. Ivanov. *NTO* 8 no. 3:10-16 '66.

Instructive incident occurred in a traction substation. G. N. Polukhovskiy. *Elek. i topl. tuga* 9 no. 10:17 '65.

Operation of storage batteries under conditions of permanent recharging. E. F. Siavkina. *Elek. i topl. tuga* 9 no. 12:12 '65.

Resistance of the grounding stages of a.c. traction substations. B. N. Kailakin. *Elektrichestvo* no. 3:61-66 '66.

Root-mean-square value of the spectral frequency of electric currents of traction substations. A. I. Tamazov. *Vest. TSNI MP* 25 no. 2:37-39 '66.

Sokolov, S. D. [Increasing the reliability of the converters of traction substations] *Povyshenie nadezhnosti preobrazovatel'nykh agregatov tlagovykh podstantsii*. Moskva, Transport, 1965. 182 p. (Moscow Vsesoyuznyi nauchno-isledovatel'skii institut zheleznodorozhnogo transporta. *Trudy*, no. 200)

ELECTRIC RAILROADS—TRAFFIC

Analyzing the train sheets for suburban and long-distance passenger traffic on double-track sections. A. P. Aysenov. *Vest. TSNI MP* 25 no. 2:46-50 '66.

ELECTRIC RAILROADS—WIRES AND WIRING

Behavior of a contact network and its parameters during lightning induced overvoltages. K. B. Aleksandrov. *Sbor. trud. LIZHIT* no. 227:69-88 '64.

Calculation for optimum safety of the short-circuit conditions in a contact network following a Scott-type transformer. R. R. Mamoshin. *Trudy MIIT* no. 220:62-68 '66.

Damages of the foundations of contact network supports. E. P. Seleznev, A. A. Kudylevskiy. *Sbor. trud. LIZHIT* no. 227:121-135 '64.

Device for measuring the resistance of supports and foundations of the contact networks of a.c. railroads. V. G. Kaitaev. *Sbor. trud. LIZHIT* no. 227:145-148 '64.

Mathematical modeling of oscillations in the contact suspension and current takeoff of electric rolling stock. A. V. Plaka. *Tr. vuz. nauch. zav. i elektromekh.* 8 no. 3:251-269 '66.

Measurement of potentials between "rail-ground", "anode-truss-rail", and "pole-rail". I. P. Sedukhov, V. G. Kaitaev. *Sbor. trud. LIZHIT* no. 227:153-163 '64.

Method for calculating lightning induced overvoltages in contact networks. K. B. Aleksandrov. *Sbor. trud. LIZHIT* no. 227:87-100 '64.

Potential performance of contact network supports. E. P. Seleznev, I. U. V. Pleshakov. *Sbor. trud. LIZHIT* no. 227:109-120 '64.

Quality of the setting of contact network poles in the soil. I. U. A. Vozzhenskii. *Sbor. trud. LIZHIT* no. 227:164-171 '64.

Rainer, M. P. [Inductive effects of electrified railroads on electrical networks and pipelines] *Induktivnoe vliyanie elektrifizirovannykh zheleznykh dorog na elektricheskii seti i truboprovody*. Moskva, Transport, 1966. 103 p.

Russin (1923)—U.S.S.R. Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] *Stroitel'nye normy i pravila*. Moskva, Stroizdat.

Pl. 3, Sec. D. Ch. 9. [Contact networks; regulations for the organization of construction, execution of the work, and acceptance for operation] *Kontaknyye seti; pravila organizatsii stroitel'stva, proizvodstva i rabot i preimki v eksploataatsii* (SNIP III-D. 0-62), 1965. 21 p.

ELECTRIC RAILWAY MOTORS

Construction of charged inserts in the casing of a pulsating d.c. traction motor. A. A. Kurbaev, S. N. Elkin. *Izv. vuz. nauch. zav. i elektromekh.* 8 no. 3:263-267 '66.

Method of determining the position of the armature neutral point of NB-406B traction engines. K. G. Morozov. *Elek. i topl. tuga* 9 no. 10:19 '65.

Origination of a spark fire on the collector of an electric traction motor. G. V. Vasilenko. *Elektrotehnika* 37 no. 2:17-19 '66.

Study of transient processes in traction motors. V. V. Kleimenov. *Elektrotehnika* 37 no. 2:12-14 '66.

ELECTRIC RAILWAY MOTORS—DRYING

Our method of drying the collectors of electric locomotive motors in winter. V. L. Belenko. *Elek. i topl. tuga* 9 no. 12:10 '66.

ELECTRIC RAILWAY MOTORS—MAINTENANCE AND REPAIR

Rare accident calling for serious conclusions. P. I. Shubnikov. *Elek. i teplenaya* 9 no. 12 32-33 D '65

ELECTRIC REACTORS

Choice of the coupling coefficient of a doubled current limiting reactor. V. G. Ben'kovich. *Izv. vuzovskiy nauch. i inzh. 9* no. 3 1-5 Mr '66

Storable reactors with regulated inductance. A. L. Vasserman. *Sovetskaya tekhnika* 12 no. 2 20-22 F '66

ELECTRIC RELAYS

Portable induction relays. E. Mladler. *Radio* no. 2 15 F '66

Time dependent programming device using electromagnetic relays. I. U. Tsepelov. *Nauch. trudy OMIIT* 51 87-94 '64

Time relay for the running-in of engines. S. A. Chubukh, P. Kildan. *Tekhn. i nauka*, 26 no. 2 75-76 F '66

ELECTRIC RELAYS—TESTING

Check of the contactors of a time relay. S. D. Sotko. *Energetik* 14 no. 3 34-35 Mr '66

ELECTRIC RESISTANCE

Determining the temperature of the saturation of solutions according to a measurement of the specific electric resistance using a four-electrode apparatus. Kuan Khan Khang. *Vest LGU* 21 no. 6 146-150 '66

ELECTRIC RESISTORS

Prospects for the improvement of measuring circuits using thin-film resistances. A. I. Il'nikov, M. I. Kudashov. *Avtom. i tepla* no. 6 19-27 '65

ELECTRIC RHEOSTATS

Rheostatic braking system on CHS2 electric locomotives. A. L. Lisitsyn. *Elek. i teplenaya* 9 no. 12 29-31 D '65

ELECTRIC SHIP PROPULSION

see Ship propulsion, Electric

ELECTRIC SPARK

Effect of a corona charge in the formation of a long positive spark in the case of pulse voltage. L. M. Bazilev. *Zhur. tekh. fiz.* 36 no. 2 365-373 F '66

Electric spark method of increasing the durability of the cutting parts on agricultural machines. I. U. N. Petrov, I. I. Safronov, S. P. Fursov. *Elek. obr. mat.* no. 1 54-56 '65

Mechanism of the formation of coatings with electric spark alloying of metal surfaces. N. I. Lazarenko. *Elek. obr. mat.* no. 1 49-53 '65

ELECTRIC SUBSTATIONS

Concerning A. I. A. Lepilin's articles "Protection of transformers using doubled PSN-35 protection units." I. U. L. Shatskov. *Energetik* 11 no. 3 37-38 Mr '66

Transformer substations for agriculture. V. I. Angulian. *Tekhn. i nauka*, 26 no. 2 37-41 F '66

Use of dielectric boots in working in outdoor-type power distribution systems with potentials exceeding 1,000 volts. M. V. Khomakov. *Energetik* 14 no. 3 42-43 Mr '66

ELECTRIC SUBSTATIONS—SAFETY MEASURES

Impulse characteristics of complex groundings. A. L. Valner. *Elektricheskoye* no. 3 23-27 Mr '66

ELECTRIC SWITCHGEAR

Improvement of the contactor systems of VMG-133 switches. T. P. Musatov. *Energetik* 14 no. 3 33-34 Mr '66

ion of a motor control switch. A. S. Ostrovskiy. *Elek. i teplenaya* 14 no. 3 43 Mr '66

arc quenching in electrical apparatus. S. A. v. *Elektricheskoye* no. 4 29-32 Ap '66

induction relays. E. Mladler. *Radio* no. 2 45

ing capability of VMG-133 switches. L. B. Dvoshnik, Egorov. *Elektrotekhnika* 37 no. 2 39-40 F '66

metal-ceramic contactors in high-voltage switches. Khomakov. *Prom. energ.* 20 no. 4 60-61 Ap

selenium rectifiers in connecting VMG-133 switches. runin. *Prom. energ.* 21 no. 3 17-18 Mr '66

IC SWITCHGEAR—RELIABILITY

s of the group switch of VL60 electric locomotives. Ablov, R. L. Kondrat'ev, V. A. Kartamyshev. *TSNR MPS* 25 no. 2 12-13 '66

IC TRANSFORMERS

atic device for limiting the voltage of idle operation of transformers. Z. E. Rozhanskii. *Prom. g.* 20 no. 4 13-14 Ap '66

ing windings of low-power transformers by means. V. P. Korotkov. *Prilozheniya* no. 3 1r '66

ation of a transformer coil. B. I. Bukhalov. *Izvestiya* 8 no. 3 58 Mr '65

Electrodynamics forces in a.c. short-circuits. S. A. kurov. *Elektrotekhnika* 37 no. 2 25-26 F '66

Transformation and stabilization of electromagnetic processes. A. N. Mitikh. *Vest. AN SSSR* 36 no. 1 31-31 Ja '66

Use of oil-filled and dry transformers. A. A. Danilov. *Energetik* 14 no. 3 42 Mr '66

ELECTRIC TRANSFORMERS—DRYING

Drying cabinet for induction drying using a.c. with commercial frequency. M. P. Babakov. *Prom. energ.* 20 no. 1 30-31 '65

ELECTRIC TRANSFORMERS—SAFETY MEASURES

Concerning A. I. A. Lepilin's articles "Protection of transformers using doubled PSN-35 protection units." I. U. L. Shatskov. *Energetik* 14 no. 3 37-38 Mr '66

ELECTRIC TRANSFORMERS—TESTING

High-voltage tests of power transformers with upper-class potential ratings at decreased insulation levels. A. G. Levit. *Izv. NIIEP* no. 11 165-175 '65

Insultive incident occurred in a traction substations. G. N. Polukhov. *Elek. i teplenaya* 9 no. 10 17 O '65

Tolozan, G. P., and E. V. Veremol. [Electrical equipment of transformer testing stations] *Elektrooborudovanie stantsii dlia ispytaniya transformatorov. Pod obshch. red. A. K. Ashratova. Moskva, Energiya, 1966. 250 p.*

ELECTRIC UTILITIES—RATES

Structure of rates and reduction of electric power losses. V. V. Mikhailov. *Prom. energ.* 21 no. 3 9-12 Mr '66

ELECTRIC WELDING

Automatic device for limiting the voltage of idle operation of welding transformers. Z. E. Rozhanskii. *Prom. energ.* 20 no. 4 13-14 Ap '66

Calculating belt seams on curvilinear sections of welded beams of bridge cranes. A. G. Lang. *Vest mashinost.* 46 no. 2 25-27 F '66

Calculating the resistance of a welding circuit in radio-frequency welding. I. U. N. Skachko. *Avtom. svar* 10 no. 2 35-40 F '66

Effect of the chemical composition on the properties of silicon-manganese steel in the zone of overheating. S. V. Pokataev and others. *Avtom. svar* 10 no. 2 31-37 F '65

Electric line diagrams for the automatic control of the electric arc process in welding. V. V. Stepanov. *Trudy Uat, elektromekh. inst. inzh. zhelezn. dor. transp.* no. 10 167-173 '65

Electric slag welding of aluminum and its alloys. A. I. A. Ishchenko, D. M. Rebkin. *Avtom. svar* 10 no. 1 76-77 Ja '66

Electrical processes in flash butt welding of aluminum and copper. V. A. Kharov. *Avtom. svar* 10 no. 2 15-19 F '66

Impregnation of electrodes with inorganic substances. I. P. Sukhorukov and others. *Sinal* 26 no. 3 233-235 Mr '66

Introducing a unit for the bimetalization of bushings. S. I. Isakovich. *Blut. tekh. ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform.* 10 no. 1 27-28 Ja '66

Optimum dimensions of the T-joint in resistance flash welding. V. T. Charodintchok, S. I. Kuchuk-Iatzenko. *Avtom. svar* 10 no. 2 14-17 F '65

Repair of aluminum patterns by argon-arc welding. I. G. Peshcherin, N. L. Gakh, G. G. Pashae. *Svar. protzv.* no. 4 35-36 Ap '66

Resistance butt welding at the Gorky Automobile Plant. A. I. Gulliev, A. F. Pavlenko. *Svar. protzv.* no. 4 17-19 Ap '66

Use of electric beam welding in the production of gears for airplane engines. N. F. Bratkovich, P. L. Rot, R. E. Purdi. *Avtom. svar* 10 no. 2 41-46 F '66

Using a diesel engine in electric welding. A. Mansurov. *Izobr. i rats.* no. 2 26 '66

Using the method of resistance butt welding in manufacturing crankshafts of heavy-duty diesel engines. S. I. Kutchuk-Iatzenko and others. *Vest. mashinost.* 46 no. 2 60-62 F '66

ELECTRIC WELDING—CONGRESSES

All-Union conference on the fusion welding of thin sheet metals. D. I. Shneider. *Avtom. svar* 10 no. 1 70-80 Ja '66

Second all-Union conference on the cold resistance of welded structures. V. S. Girenko. *Avtom. svar* 10 no. 2 70 F '66

ELECTRIC WELDING—COSTS

Effect of the amount of loading of the equipment on the cost of welding processes. I. U. A. Nesvetayev. *Avtom. svar* 10 no. 2 52-55 F '65

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

(see also subdivision under Vilnius)

Arc discharge exciter for welding heads with a tungsten electrode. I. U. A. Pachentsev, P. T. Ruschak. *Avtom. svar* 10 no. 2 60-61 F '65

Arc discharge in continuous flash welding. V. K. Lebedev, I. A. Chernenko. *Avtom. svar* 10 no. 1 23-26 Ja '66

Arc welding in carbon dioxide with stepped-up currents. V. T. Zolotykh, I. U. G. Belonov. *Svar. protzv.* no. 3 20-25 Mr '66

Automatic built-up welding of the bands of wheel couples using templates. A. V. Bystrikov. A. I. Shilina. *Avtom. svar* 10 no. 2 61-63 F '66

Automatic welding in carbon dioxide of nonrotating built welds in pipe of low-carbon steel. A. I. Akulov, G. G. Chernyshev, V. V. Spitsyn. *Svar. protzv.* no. 3 32-34 Mr '66

Automation of short joint welding. A. M. Polnarev. *Avtom. svar* 10 no. 1 60-61 Ja '66

Characteristics of the process of two-electrode three phase submerged-arc welding with increased speed. S. L. Mandelberg, V. F. Lopata. *Avtom. svar* 10 no. 2 25-28 F '66

Circuit diagrams of three-phase arc feeders during arc welding. F. E. Buzukin, V. V. Vladimirov. *Svar. protzv.* no. 1 20-21 Ap '66

Comprehensive mechanization in the manufacture of revolving frames for excavators. N. I. Rukhlov, G. A. Klumik. *Svar. protzv.* no. 3 21-23 Mr '66

Condenser machines for the spot welding of light alloys. L. V. Zolotikh, A. I. Komarev, P. L. Chulshnikov. *Svar. protzv.* no. 4 10-11 Ap '66

Correcting defects in iron castings by semiautomatic built-up welding with steel wire. L. S. Saplo and others. *Svar. protzv.* no. 3 39-40 Mr '66

Current interrupters with controlled silicon valves for resistance-welding machines. N. V. Podoln, V. A. Sazonov. *Avtom. svar* 10 no. 2 75-76 F '66

Designing the PDG-302 semiautomatic sprayer machine for shielded arc welding. M. V. Ivanov. *Blut. tekh. ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform.* 10 no. 1 17-18 Ja '66

Effect of sputter on electrode properties. N. A. Kozlov. *Trudy Ural. elektromekh. inst. inzh. zhelezn. dor. transp.* no. 10 159-160 '65

Effect of the amount of loading of the equipment on the cost of welding processes. I. U. A. Nesvetayev. *Avtom. svar* 10 no. 2 52-55 F '65

Electric arc welding of 17% chromium steel. N. I. Kakhovskiy, L. V. Didebulidze. *Avtom. svar* 10 no. 2 29 34 F '66

Electric riveting of 45 steel parts in carbon dioxide. L. N. Kuznetsov, R. D. Faigengauz, V. V. Alekseev. *Svar. protzv.* no. 4 22-23 Ap '66

Equipment for the automatic control of the parameters of resistance welding conditions. V. P. Vasilchikovskiy, G. I. Gologovskiy, S. I. Dykhov. *Avtom. svar* 10 no. 1 60-63 Ja '66

A hydraulic device for the assembly of beams. A. V. Lokosov. *Svar. protzv.* no. 3 40-41 Mr '66

Improved methods in welding conductors with electric resistance heating. V. A. Fursov. *Svar. protzv.* no. 3 36-38 Mr '66

Increased reliability of secondary circuits in resistance-welding machines. I. M. Radniskovich. *Avtom. svar* 10 no. 2 67-68 F '66

Mechanized welding up of defects in the bronze castings. V. M. Ilyushenko and others. *Avtom. svar* 10 no. 2 61-66 F '66

Multipole welding rectifiers. A. T. Pashenkov, A. L. Ilyukin, F. S. Fedot. *Avtom. svar* 10 no. 2 17-51 1 '66

Multiple-arc welding at an increased speed with electric weaving across the joint. S. I. Mandelberg. *Avtom. svar* 10 no. 2 10-13 F '65

One hundred per cent mechanization and improvement of the quality of welding operations. A. T. Iatukov. *Avtom. svar* 10 no. 1 82-83 Ja '66

The PK-2 semi pistol for spot condenser discharge welding. S. I. Semerguev. *Avtom. svar* 10 no. 2 78 1 '65

Peculiarities of submerged-arc aluminum welding with twisted electrodes. D. P. Antonets, G. G. Pashae. *Avtom. svar* 10 no. 2 64-66 F '66

The RVD-100 time regulators for resistance welding machines. N. V. Podoln, I. U. A. Masatov, V. A. Sazonov. *Avtom. svar* 10 no. 2 75 F '65

Remotely controlled stationary ballast rheostat for a stud of argon-arc welding. I. M. Berson. *Svar. protzv.* no. 4 30 Ap '66

Semiautomatic welding in carbon dioxide of assemblies in boring machinery. A. A. Chubukov and others. *Svar. protzv.* no. 3 38-39 Mr '66

Semiconductor voltage regulator of multipole welding generators. N. M. Budnik and others. *Avtom. svar* 10 no. 2 52-53 F '66

Submerged arc welding of main pipelines with a steady supply of electric current. A. S. Ratkevich and others. *Avtom. svar* 10 no. 2 67-68 F '65

System of controlling electron beam welding guns by means of beam shifting. A. B. Koval', V. I. Chelov. *Avtom. svar* 10 no. 2 69-71 F '66

Ultrasonic control and automatic regulation of spot welding processes. N. M. Tarasov, V. K. Kartashov. *Svar. protzv.* no. 3 24-26 Mr '66

A universal assembling and welding device for the welding of pipe brackets during mounting. A. M. Loshakov, A. B. Bibikov, A. N. Birlukov. *Svar. protzv.* no. 3 41-43 Mr '66

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

(Continued)

Use of highly productive welding methods at the Magnitogorsk heavy machinery plants. K.G. Khramov. Avtom. svay. 18 no. 7:59-59 F '65

Use of the ADK-500-6 automatic device for the welding of combined assemblies in carbon dioxide. A. F. Baku-lov. Avtom. svay. 18 no. 2:62-63 F '65

Welding the Kh8VF steel pipe and the Lh8V1 steel pipe with cast fillings using coated electrodes. L. V. Bush, A. P. Rinkovskaya. Svar. proizv. no. 4:28-29 Ap '66.

ELECTRIC WELDING—QUALITY CONTROL

Summing up of welding operations connected with the installation of main blocks. S. S. Yakobson, A. V. Roish-teim. Engr. stroit. no. 15:132-135 '64

ELECTRIC WELDING—SAFETY MEASURES

Bernshstein, M. L. [Electrical safety and safety measures in metal welding] Elektrobezopasnost' i tekhnika bezopasnosti pri svayke metallor. Dushanbe, Irkon, 1964. 57 p.

[MICROFILM]

ELECTRIC WIRE—WELDING

Heating of a conducting wire with a convoluted arc. V. V. Kulinov. Svar. proizv. no. 4:11-13 Ap '66.

ELECTRIC WIRE, INSULATED—TESTING

Automatic unit for continuous testing of enameled wires by voltage. E. I. Panin, V. I. Novikov. Biul. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 1:41-43 Ja '66.

ELECTRIC WIRING

Conference on electric wiring. K. I. Blilbin, A. M. Dukhanin, E. A. Skukhodov. Prihozhdeniye no. 3:20 Mi '66.

Criteria for evaluating the quality of soldered electrical connections. G. K. Matylov. Standartizatsiya 20 no. 12:53-51 D '65.

Nasonkin, A. P., and A. A. Zakidyshev. [Laboratory and practical work with electrical equipment] Laboratornye i prakticheskie zaniyatiya po elektrotekhnologii. Kiev, Izd-vo Kievskogo univ., 1965. 106 p.

Rolled gypsum panels with ducts for electric wiring. Sh. S. Levin, V. G. Tkachev. Stroi. mat. 12 no. 3:21 Mi '66.

ELECTRIC WIRING—EXHIBITIONS

Exhibition devoted to "Assembly elements and their use in electric installation work." Zhil. stroit. no. 2:31 '66.

ELECTRIC WIRING, INTERIOR—SAFETY REGULATIONS

Supplementary instructions on the protection of electric lighting networks. S. A. Kilnev. Svetotekhnika 12 no. 3:30 Mi '66.

ELECTRICITY—EFFECT ON PLANTS see Plants, Effect on electricity on

ELECTRICITY—PHYSIOLOGICAL EFFECT

Comparative hazards of electric currents of various types and duration. A. P. Kiselev. Trudy MIIT no. 226:41-50 '66.

ELECTRICITY—STUDY AND TEACHING

Developing the materialistic conception of an electromagnetic field. L. I. Moroz. Stoi. spets. obr. 13 no. 1:28-32 Mi '66.

Methods of presenting the material on three-phase current. N. Drago. Prof. i tekhn. obr. 23 no. 3:22-23 Mr '66.

ELECTRICITY, INJURIES FROM

Analysis of electrotraumatism cases occurred in the servicing of the rolling stock of electric railroads. I. U. G. Sibarov. Trudy MIIT no. 226:32-40 '66.

Comparative effectiveness of a single electrical impulse and alternating current in defibrillation of the heart in electrical injuries. N. L. Gurvich, G. Nikolskoy, V. A. Makarychev. Elektrichestvo no. 3:39-40 Mr '66.

Comparative hazards of electric currents of various types and duration. A. P. Kiselev. Trudy MIIT no. 226:41-50 '66.

Safety appliances for the rolling stock of electric railroads. I. U. G. Sibarov. Trudy MIIT no. 226:43-48 '66.

Some factors of increased work hazards in rail road transportation and measures for protection against traumatism. O. F. Gornov. Trudy MIIT no. 226:1-22 '66.

ELECTRICITY IN AGRICULTURE

(see also subdivision under Russia, Northwestern)

Electrification of railroads should serve the village. I. Ivanov. NTO 8 no. 2:18-18 F '66.

New applications of electricity in industry and agriculture. B. R. Lazarenko. Elek. obr. mat. no. 1:3-11 '65.

Overall mechanization and electrification of agricultural production in the non-Chernozem zone of the U.S.S.R. L. A. Korbut. Vest. sel'khoz. nauk. 11 no. 3:18-24 Mr '66.

Protection of farm animals from electric injuries. A. Yakobs and others. Tekhn. v sel'khoz. 20 no. 1:32-33 Ja '66.

Trends of science in the further raising of the level of the mechanization and electrification of agriculture in the non-Chernozem zone of the U.S.S.R. P. N. Litov. Vest. sel'khoz. nauk. 11 no. 3:36-43 Mi '66.

ELECTRICITY IN MINING

Changing the active and capacity components of insulation resistance of sectional power supply systems. V. A. Myshk. Izv. vya. ucheb. zav. got. zhur. 5 no. 11:12-150 '62.

Electrical loads and unit expenditures on electric energy in the excavating machinery of open-pit mines. S. A. Volkovskiy and others. Prom. energ. 21 no. 3:23-24 Mi '66.

Saving electric power in Donetsk Basin coal mines. D. I. Gertshteyn. Ugol' 11 no. 2:50-51 F '66.

Toward continued improvement of underground electric power supply systems of coal mines. V. S. Rudov. Prom. energ. 20 no. 1:9-12 Ap '65.

ELECTRICITY IN MINING—EQUIPMENT AND SUPPLIES see subdivision under Ukraine

ELECTRICITY IN MINING—SAFETY MEASURES

Incapsulation of the stators of electric mining machines using epoxy compounds. A. P. Kononenko, V. I. Shmatkov, A. D. Ushakov. Elektricheskaya 37 no. 2:40-50 F '66.

Means in measuring resistances of groundings in underground mining. A. I. Yakobs, A. A. Pozhdakov. Elektrichestvo no. 3:87-88 Mi '66.

Requirements of explosionproof oil-filled apparatus. V. B. Timonov. Elektricheskaya 37 no. 2:36-39 F '66.

ELECTRICITY ON SHIPS

For economy and theft. L. Vitols. Mor. flot 26 no. 2:35-36 F '66.

Noncontact voltage regulator for marine d.c. generators. V. V. Sakharov. Trudy LITV no. 50:29-32 '64.

Sound and light signaling systems with central termination of the sound signal. S. V. Grunzinskiy, K. N. Khilov, Sindostenie 56 no. 1:49-50 Ja '66.

Studying the operating regimes of a noncontact voltage regulator. O. V. Rishabdin, V. V. Sakharov. Trudy LITV no. 50:36-38 '64.

Transistorized voltage regulator for mounted marine d.c. generators. L. I. Protodopov, I. M. Solomashko. Trudy LITV no. 50:33-36 '64.

Wear of the brushes of the ship's electric machines. A. Neupokoev. Mor. flot 26 no. 2:30-32 F '66.

ELECTRICITY ON SHIPS—SAFETY MEASURES

Effect of the capacitance on the safety and other characteristics of the electric networks of ships. G. I. Kitnenko. Sindostenie 56 no. 1:51-57 Ja '66.

ELECTRIFICATION

(see also subdivision under Bulgaria; Kirghizistan)

Chernenko, M. S. [Significance of electrification in the development of the material and technical basis of communism, economic sketch based on materials on the agriculture of the U.S.S.R.] Znacheniya elektrifikatsii v stroenii material'no-tekhnicheskoy bazy kommunizmu, politkonoimichnyy narys na materialakh sil'skogo khoz-yaystva URSR. [Kyiv] Vyd-vo Kyivs'koho univ., 1964. 260 p.

(WU)

ELECTROCAPILLARY PHENOMENA

Importance of capillary condensation and disjoining pressure in mica splitting. M. S. Meisak. Koll. zhur. 28 no. 1:93-98 Ja-F '66.

Shapes of the electrocapillary curves of cast irons and steels in contact with molten oxides. A. A. Dorabina, S. I. Popov. Elektricheskaya 2 no. 3:295-302 Mi '66.

ELECTROCARDIOGRAPHY

Changeability in electrocardiograms of twins. I. A. Seifinov. Gematika no. 1:138-141 Ja '66.

Changes in the electrocardiogram in patients with tuberculosis following various forms of pulmonary resection. S. R. Lashinian, Z. S. Kidanova. Probl. tub. no. 5:33-41 '65.

Correlation between the effect of extra- and intracardiac nerve incisions on the heart. G. N. Kopylova, L. D. Kharleva, M. G. Udol'nov. Fiziol. zhur. 52 no. 1:80-85 Ja '66.

Electrocardiogram in thyrotoxic heart. P. I. A. Grigor'ev. Sov. med. 29 no. 2:6-10 F '66.

Electrocardiographic changes in case of transposed main vessels. L. A. Barskaia, I. I. Kagananov. Azerb. med. zhur. 42 no. 11:7-12 N '65.

Importance of functional electrocardiographic tests in coronary insufficiency. B. M. Kogan. Sov. med. 20 no. 1:10-17 Ja '66.

Nervous regulation of the cardiac activity in man. B. P. Simoniatskiy. Biul. eksp. biol. i med. 61 no. 1:21-24 Ja '66.

Significance of vectorcardiography in determining the indications for mitral commissurotomy. V. I. Makolkin, I. I. Sivkov. Sov. med. 27 no. 5:29-34 My '64.

State of the heart in children and adolescents with scissous forms of scoliosis, electrocardiographic data. L. N. Chernousova, B. M. Stolbun. Ortop., travm. i protez. 27 no. 2:30-55 F '66.

Study of heart potentials with intracellular leads and exclusion of mechanical activities. S. A. Ur'nev. Izv. Roushtnaukh. Hoffika 9 no. 3:343-348 '64.

ELECTROCHEMISTRY

Correlation functions of the classical systems of charged particles. Part 2. System of particles of opposite charges. I. U. A. Chirnovskiy, V. S. Markin. Elektricheskaya 2 no. 2:11-111 F '66.

Electrochemical behavior of sodium in sulfuric acid solutions. L. F. Kozin, E. F. Kharand, I. A. Shela. Upr. him. zhur. 32 no. 2:154-160 '66.

Electrochemical study of manganese amalgam. A. A. Lange, S. P. Bakhtman. Izv. AN Kazakh SSR. Ser. khim. nauk. 11 no. 3:27-32 Ji-S '61.

"Electrochemistry of semiconductors" by V. A. Mamin, I. U. V. Pleskov. Izv. AN SSSR. Elektricheskaya 2 no. 2:262-263 F '66.

Physical significance of potential in the electrochemical kinetic equations. L. I. Kristalnik. Elektricheskaya 2 no. 2:229-231 F '66.

"Principles of the modern methods of studying electrochemical reactions" by B. B. Dumasikhin. B. M. Gusev. Elektricheskaya 2 no. 3:382-383 Mi '66.

Study of the germanium-methylformamide interface by the method of "fast" charging curves. M. D. Krotova. Izv. V. Pleskov. Elektricheskaya 2 no. 3:340-345 Mi '66.

ELECTROCHEMISTRY—THERMODYNAMICS

Kinetics of the processes of thermodynamic corrosion and calculation of the parameters of thermodynamic couples. A. A. Shatalov, S. A. Kalashina, I. K. Marshakov. Izv. vya. ucheb. zav. i khim. i khim. tekhn. 8 no. 6:331-335 '65.

ELECTROCHEMISTRY, INDUSTRIAL

New applications of electricity in industry and agriculture. B. R. Lazarenko. Elek. obr. mat. no. 1:3-11 '65.

ELECTRODES

Acceleration of a plasmoid in a coaxial accelerator with eroding electrodes. P. M. Kolesnikov. Zhur. lekh. fiz. 36 no. 1:80-84 Ja '66.

Advantages of grounding rod electrodes. M. I. Simkin. Stroi. i archit. Urb. 6 no. 0:11-12 Ja '65.

Afterdischarge emission from certain structural materials. N. V. Tatarinova, P. I. Chislakov. Zhur. tekhn. fiz. 36 no. 2:392-394 F '66.

Charging of particles with elongated form on a flat electrode. A. T. Nagizade. Izv. AN SSSR. Prom. i transp. no. 1:156-160 Ja-F '66.

Comparison of standard electrode potentials calculated by different thermodynamic methods. N. E. Khomutov. Zhur. fiz. khim. 40 no. 3:587-592 Mr '66.

Current phenomena in electrolytes with porous surface. I. U. A. Chirnovskiy, I. U. G. Chirkov, V. P. Belokopylov. Elektricheskaya 2 no. 3:373-377 Mi '66.

Effect of riddle on electrode properties. N. A. Kozlov. Trudy Ural. elektr. omshk. inst. inzh. zhel. dor. transp. no. 10:159-166 '65.

Effect of the conditions of preparation of an active mass of positive electrode of a nonmolar accumulator on its initial electric properties. L. N. Sagolana. Izv. AN Arm. SSR. Khim. nauk. 17 no. 5:173-176 '64.

Effect of the electrode temperature on microdischarges in a vacuum. V. I. Goidenko, L. I. Pivovarov. Zhur. tekhn. fiz. 36 no. 2:374-376 F '66.

Electrode erosion by heavy-current pulse discharges. G. S. Boikin, V. I. A. Kiselev. Zhur. tekhn. fiz. 36 no. 2:381-389 F '66.

Impregnation of electrodes with inorganic substances. I. T. Sukhorukov and others. Stal' 26 no. 3:233-235 Mi '66.

Solid electrode with a continuously regenerating surface of constant value in anodicographic polarography. E. A. Alkazian. Izv. AN Arm. SSR. Khim. nauk. 17 no. 5:477-482 '64.

ELECTRODES, CARBON

Kinetics of oxygen evolution on graphite at low anodic potentials. N. G. Bardina, L. I. Kristalnik. Elektricheskaya 2 no. 2:210-221 F '66.

Wettability and impregnation of carbon materials by coal pitch. G. V. Dmitrieva and others. Tsvet. met. 30 no. 2:50-63 F '66.

ELECTRODES, COPPER

Consideration of the depth of the penetration of electrons in the calculation of the pulse heating of the copper electrodes of electronic devices. I. U. D. Denisik. Radiotekhn. i elektron. 11 no. 3:573-575 Mr '66.

ELECTRODES, GALLIUM

Determination of the points of zero potential of gallium by the method of differential capacitance measurement in dilute solutions. A. N. Frumkin, N. B. Grigor'ev, I. A. Bagotskaya. Elektricheskaya 2 no. 3:329-333 Mr '66.

Temperature effect on the reduction potentials of certain metal ions on a gallium electrode. I. G. Vasil'eva, A. I. Zebrev. Izv. AN Kazakh SSR. Ser. khim. nauk. 14 no. 3:33-38 Ji-S '64.

ELECTRODES, GERMANIUM

Study of the germanium-methylformamide interface by the differential capacitance method. M. D. Kirov, I. V. Pleskov. *Elektrokhimiya* 2 no. 2 222-224 1966

ELECTRODES, GRAPHITE

Function of the anodic oxygen evolution on graphite. Part 2. N. G. Bardina, I. L. Kirshtalt. *Elektrokhimiya* 2 no. 3 333-339 1966

ELECTRODES, NICKEL

Effect of the electrolyte concentration and nature of cation on the behavior of the nickel oxide electrode. Part 2. N. U. Ufiland and others. *Elektrokhimiya* 2 no. 2 231-234 1966

ELECTRODES, PALLADIUM

Carbon monoxide adsorption on palladium in aqueous solutions. A. B. Fasman, Z. N. Novikova, D. V. Sokol'skii. *Zhur. fiz. khim.* 40 no. 3 556-560 Mr '66.

ELECTRODES, PLATINUM

Effect of pH on some electrochemical and catalytic characteristics of platinum. S. M. Reshetnikov, A. M. Vokol'skaya. *Izv. AN Kazakh SSR Ser. Khim. nauk* 14 no. 1 38-42 Q-D '66.

Unsteady currents in the adsorption and dehydrogenation of methanol on a smooth platinum electrode. S. S. Beskovskaya, I. U. B. Vasil'ev, V. S. Bagotskii. *Elektrokhimiya* 2 no. 2 177-178 F '66.

ELECTRODES, RHODIUM

Comparison of electrochemical and adsorption methods of determining the true surface of a rhodium electrode-catalyst. A. I. Pichushkina, G. P. Khomchenko, G. D. Vovchako. *Zhur. fiz. khim.* 40 no. 3 711-712 Mr '66.

Electrochemical reduction of oxygen on a rhodium electrode in alkaline solutions. L. N. Melnikov and others. *Elektrokhimiya* 2 no. 3 363-367 Mr '66.

Study of oxygen adsorption on rhodium by the method of triangular and triangular voltage pulses. E. L. Khru-shcheva, N. A. Shumilova, M. R. Tarasovich. *Elektrokhimiya* 2 no. 3 277-282 Mr '66.

ELECTRODES, SILICON

Polarization of a silicon electrode in the electrodeposition of indium and antimony. D. P. Zaslavskiy, V. D. Nem-tsov. *Ukr. khim. zhur.* 32 no. 1 20-23 '66

ELECTRODES, ZINC

Mechanism of the anodic dissolution of zinc in oxalate electrolytes. V. I. Krasov, V. N. Chumov, V. S. LGU 21 no. 4 133-140 '66.

ELECTRODIALYSIS

Use of ion exchange membranes in molasses purification by electrodialysis. R. TS. Mieshuk, I. M. Liliak, S. Kh. p. om. 40 no. 4 26-30 Ap '66.

ELECTRODYNAMICS

Electrodynamic forces in a.c. short-circuits. S. A. Kurkov. *Elektrotehnika* 37 no. 2 26-29 F '66

Equations of the dynamics of an a.c. and dynamic characteristics of an a.c. at small perturbations. M. E. Zaidi. *Trudy VZEL* no. 29 95-113 '66

Katsenelenbaum, B. Z. [High-frequency electrodynamics; principles of the mathematical apparatus] *Vysokochastotnaya elektrodinamika, osnovy matematicheskogo apparata*. Moscow, Nauka, 1966. 237 p.

Oscillations of current conducting bushings in an arrangement of conductor phases at different planes. M. I. Sirajuk. *Izv. vuz. ucheb. zav., energ.* 9 no. 3 6-12 Mr '65

ELECTRODYNAMICS—BOUNDARY VALUE PROBLEMS

A boundary value problem in electrodynamics. I. U. P. Emet's, P. I. Kudryk. *Dop. AN URSS* no. 1 64-67 '66.

Use of evolutionary graphs of functional nets in solving boundary value problems in electrodynamics by the method of solution-jointing. P. E. Krasnushin. *Dokl. AN SSSR* 167 no. 1 63-66 Mr '66.

ELECTROENCEPHALOGRAPHY

Changes in electroencephalogram caused by chronic action of radio waves. D. A. Ginzburg, M. N. Sadehikova. *Trudy Lab. elektromag. pol. i rad. AN SSSR* no. 2 126-132 '64.

Changes in the irritability of some cerebral structures under the effect of hormones of the pituitary-adrenocortical system. Kh. M. Markov. *Farm. i toks.* 27 no. 5 63-68 N-D '64.

Data on electroencephalographic examination of patients with cholesteatoma of the cauda equina region and spinal leptomeningitis. P. M. Al'perovich, M. M. Vil'kher, B. Sh. Trakhtenberg. *Zhur. nevro. i psikh.* 68 no. 8 358-365 '66.

Discharges of single neurons and direct responses of the somatosensory cortex in kittens. T. D. Dzharvatskiy. *Fiziol. zhur.* 52 no. 3 221-227 Mr '66.

Effect of amizil, metanzil and other central cholinergics on the convulsive threshold of the hippocampus and the threshold of the activation reaction. I. U. S. Borodkin. *Farm. i toks.* 27 no. 6 651-654 N-D '64.

Effect of caffeine on the electroencephalographic reaction following auditory frequency pulse field action on the intact and isolated rabbit brain. I. U. A. Kholodov, I. N. Zolotarev. *Trudy Lab. elektromag. pol. i rad. AN SSSR* no. 2 33-36 '64.

Effect of continuous superhigh frequency electromagnetic fields on the central nervous system. Z. M. Gvozdkova and others. *Trudy Lab. elektromag. pol. i rad. AN SSSR* no. 2 20-25 '64.

Effect of ethyl, ethyl, ethyl and other stimulants of the central nervous system on the threshold of excitability of the ascending reticular formation and hippocampus. L. Kh. Alimov, I. U. S. Borodkin. *Farm. i toks.* 27 no. 6 617-620 N-D '64.

Effect of high frequency electromagnetic fields on nervous system functions. K. V. Nkonova. *Trudy Lab. elektromag. pol. i rad. AN SSSR* no. 2 19-26 '64.

Effect of scopalamine and aminazine on the cerebral cortex, hypothalamus, and reticular formation of the mesencephalon in rabbits during the alimentary, conditioned reflex. L. V. Kollachnyi, I. N. Zakharaeva. *Biol. eksp. biol. i med.* 61 no. 1 58-62 Ja '66.

Effect of some tertiary and quaternary quinuclidine derivatives and related compounds on the choline-reactive systems of the body. K. A. Zaitseva, M. D. Mashkovskii, L. F. Roshchina. *I am. i toks.* 27 no. 6 686-690 N-D '64.

Effect of superhigh frequency pulse electromagnetic fields on the central nervous system following a single and prolonged irradiation. I. N. Zenin. *Trudy Lab. elektromag. pol. i rad. AN SSSR* no. 2 26-32 '64.

Electric activity of the cerebral cortex and the electrocorticographic reflection of visceral impulses in lesions of the nuclei caudati. L. V. Lobanova. *Fiziol. zhur.* 52 no. 3 228-235 Mr '66.

Electroencephalographic changes in thyrotoxicosis. M. P. Kherson'skiy, I. M. Ginzburg. *Fiziol. zhur. [Ukr.]* 12 no. 1 41-45 Ja-F '66.

Electroencephalographic data in analgesic anesthesia. T. A. Buzilova, D. N. Gudzhev. *Trudy khir. i anest.* no. 4 75-77 '65.

Evoked potentials in normal state and under the effect of chloralose anesthesia. V. A. Ihnyina-Novik. *Fiziol. zhur. [Ukr.]* 12 no. 1 27-33 Ja-F '66.

Evoked potentials of the cerebral cortex in cats following stimulation of the oculomotor nerves and the ophthalmic branches of the trigeminal nerve. D. P. Matishukin, N. V. Shipova. *Fiziol. zhur.* 52 no. 3 236-242 Mr '66.

Induced potentials of the associative cerebral cortex following stimulation of mesencephalic nerves. S. S. Mustashchukova. *Dokl. AN SSSR* 166 no. 4 999-1002 F '66.

Mechanisms of the distribution of a generalized activation of the cerebral cortex following its mechanical trauma. S. K. Rogacheva. *Biol. eksp. biol. i med.* 61 no. 1 33-36 Ja '66.

Neurological characteristics of presenility. N. A. Popkhdze and others. *Soob. AN Gruz. SSR* 11 no. 1 237-244 Ja '66.

Reactions of single neurons of the vestibular nuclei of the medulla oblongata in cats. G. I. Gogladze. *Fiziol. zhur.* 52 no. 3 243-249 Mr '66.

Rheoencephalographic study of vasomotor asymmetries in disorders of cerebral blood circulation. Kh. Kh. Idrullin, S. S. Imanova. *Azerb. med. zhur.* 13 no. 3 24-30 Mr '66.

Significance of electroencephalographic data in the differential diagnosis of headaches, their relation with the problems of medical expertise of the capacity for work. B. D. Kavvasarskii, B. V. Iovlev. *Trudy LIETIN* no. 18 239-252 '65.

ELECTROHYDRAULIC EFFECT

Investigating an electrohydraulic source and some possibilities of its use. A. I. Lopatin and others. *Samoletostroi tekhn. vozdukh.* no. 1 107-109 '65.

ELECTROKYMNOGRAPHY

Electrocardiographic study following alopasty of the cardiac ventricles with poison. M. N. Tumanovskii and others. *Eksp. i khir. i anest.* no. 4 24-29 '65.

ELECTROLUMINESCENCE

Frequency dependency of a current rectified by an electroluminescent capacitor. M. V. Fof, I. U. P. Chupova. *Zhur. tekhn. fiz.* 35 no. 11 2085-2088 N '65.

Photometric properties of electroluminescent panels. A. M. Ponomareva. *Svetotekhnika* 12 no. 3 14-18 Mr '66.

A semiconductor source of visible radiation. G. A. Nakanidze and others. *Soob. AN Gruz. SSR* 41 no. 1 46-18 Ja '66.

ELECTROLYSIS

Current efficiency as dependent on temperature in aluminum electrolysis. P. S. Saakian, Zhur. prikl. khim., 39 no. 2 347-351 F '66.

Determination of ohmic losses in the electrolysis involving gas evolution. R. I. Iosenskov. *Elektrokhimiya* 2 no. 3 371-373 Mr '66.

Mechanism of anodic processes in the electrolysis of solutions of dicarboxylic acid monoesters. Part I. Aqueous solutions of dicarboxylic acid monoesters. L. A. Mikhlin, M. A. Ploshin, D. Constantinescu. *Elektrokhimiya* 2 no. 2 103-109 F '66.

Microstructural study of the process of anodic pitting of silicon in hydrofluoric acid solutions. I. K. Ivanova, A. S. Lutsovich. *Izv. AN Uz. SSR Ser. fiz.-mat. nauk* 10 no. 2 73-75 '66.

ELECTROLYTE SOLUTIONS

Chemical heat of solvation of phosphoric acid in acetone and methyl alcohol and of sodium picrate in methyl alcohol. L. P. Zhilina, K. P. Mishchenko. *Trudy LTITSBP* no. 16 151-157 '65.

Effect of aqueous electrolyte solutions on polyester glassy plastics containing glass-fiber fabrics untreated by a hydrophobic and adhesive composition. N. E. Dmitrieva and others. *Trudy LTITSBP* no. 16 117-125 '65.

Effect of water and electrolyte solutions on glass-fiber fabrics made from alkaline and alkali-free glasses. Z. I. Flit, T. A. Tumanova, G. M. Zubova. *Trudy LTITSBP* no. 16 50-55 '65.

Phase transitions of intermetallic compounds under the effect of electrolyte solutions. I. K. Maishakov and others. *Elektrokhimiya* 2 no. 2 254-258 F '66.

Thermochimistry of thiocyanate tetraethyl ammonium solutions in benzene. K. P. Mishchenko, G. M. Polina and others. *Trudy LTITSBP* no. 16 140-150 '65.

Using the method of electrolytic deposition for obtaining polymeric coatings on metals from nonaqueous solutions of polymeric electrolytes. V. P. Babanov, N. Ovsyannikov. *Lakokras. mat. i khim. prikl.* no. 1 19-50 '66.

ELECTROLYTE SOLUTIONS—THERMODYNAMICS

Comparison of standard electrode potentials calculated by different thermodynamic methods. N. E. Khomutov. *Zhur. fiz. khim.* 40 no. 3 587-592 Mr '66.

ELECTROLYTES

Ammonia electrolytes for copperizing. A. V. Rylachenkov, A. A. Gerasimenko, E. S. Naidina. *Zashch. met.* 2 no. 2 232-237 '66.

Effect of electrolyte additives on the stability of titanium dioxide hydrodispersions. V. L. Makshakov and others. *Lakokras. mat. i khim. prikl.* no. 1 26-27 '66.

Effect of the electrolyte concentration and nature of cation on the behavior of the nickel oxide electrode. Part 2. N. U. Ufiland and others. *Elektrokhimiya* 2 no. 2 231-234 F '66.

Electrolyte flow in a circular tube in a magnetic field. B. V. Pavlenov, S. A. Regier. *Mag. gid.* no. 1 50-52 '65.

Forming of spherical aluminum oxide and aluminum oxide-catalysis by the hydrocarbon-ammonia method. Part I. Role of electrolytes in the process of forming. A. L. Kalashnikov, N. S. Kurova, N. V. Sidorova. *Koll. zhur.* 28 no. 1 46-50 Ja-F '66.

Influence of strong electrolytes on the micellar adsorption of direct dyes and the structure of adsorption layers on carbon surfaces. A. M. Koganovskii. *Koll. zhur.* 28 no. 1 63-69 Ja-F '66.

Mechanism of the effect of coumarin and paratoluenesulfonamide in the electrodeposition of nickel. M. A. Popereka, V. I. Avramenko. *Zashch. met.* 2 no. 2 206-212 '66.

Study of the solubility of medicinal compounds, effect of some electrolytes on the solubility of barbitol and phenobarbital. V. P. Husakov, A. M. Ruzhuk, F. A. I. Isev. *Zhur.* 20 no. 1 20-24 '65.

ELECTROLYTIC CELLS

Calculation of the current distribution on the cathode taking the nonlinear polarization law into account. V. T. Ivanov, A. I. Nikolov, O. F. Reimova. *Elektrokhimiya* 2 no. 3 367-370 Mr '66.

Electrochemical pressure transducers. B. R. Lazarenko, S. P. Fuzov, A. A. Faktorovich. *Elek. obr. mat.* no. 1 72-73 '65.

System of the centralized automatic control and regulation of aluminum electrolytic cells. A. S. Derkach and others. *TSvet. met.* 39 no. 2 44-49 F '66.

ELECTROLYTIC CELLS—DESIGN AND CONSTRUCTION

Automatic regulation of powerful aluminum electrolytic cells with current supply from the top. A. S. Derkach and others. *TSvet. met.* 39 no. 2 39-44 F '65.

Distribution of the current in molten aluminum depending on the type of leads of the aluminum electrolytic cell. A. I. Belland and others. *TSvet. met.* 39 no. 2 50-53 F '66.

Improving the quality of the anodes in electrolytic cells with the supply of current. V. F. Drobnis. *TSvet. met.* 39 no. 2 63-69 F '66.

ELECTROLYTIC CORROSION

Control of the electrolytic corrosion of rails. Sh. E. Tavadishvili. *Prikl. prikl. khim.* 10 no. 2 11-12 '66.

Determining the rate of corrosion and the efficiency of inhibitors by the polarization resistance method. L. I. Antropov, M. A. Gerasimenko, I. U. S. Gerasimenko, Zashch. met. 2 no. 2 115-121 '66.

Effect of the character of the cathodic process on the corrosion cracking of high-strength steels. F. F. Azhogn. *Zashch. met.* 2 no. 2 141-144 '66.

Electrochemistry of pitting corrosion. Part I: Pitting in conditions of the self-dissolution of stainless steels. L. L. Rozenfeld, I. S. Danilov. *Zashch. met.* 2 no. 2 134-139 '66.

ELECTRON BEAMS (Continued)

Experimental data on the interaction of opposing beams. V. L. Auslender. *Atom. energ.* 20 no. 3 213-217 M: '65.

Phase instability of an intense electron beam in a storage ring. V. L. Auslender and others. *Atom. energ.* 20 no. 3 210-213 M: '66.

Picosec optics for beams of a finite phase volume. V. A. Batalin. *Zhur. tekh. fiz.* 36 no. 2 313-315 F: '66.

Radial expansion of a beam in a linear electron accelerator under the action of a nonsymmetric wave. G. V. Voskresenskiy, V. I. Korozov, I. U. N. Serebriakov. *Atom. energ.* 20 no. 1 3-8 Ja: '66.

System for regulating and controlling the parameters of electron beams in a VT-1 electron-electron storage ring. E. I. Zinin and others. *Atom. energ.* 20 no. 3 220-223 M: '66.

System of controlling electron beam welding guns by means of beam shifting. A. B. Koval', V. I. Chalov. *Avtom. svar* 19 no. 2 69-71 F: '66.

Use of electron beam welding in the production of gears for airplane engines. N. F. Bratkovich, P. F. Rot, R. E. Purdi. *Avtom. svar* 19 no. 2 11-16 F: '66.

Use of the extrinsic X-ray photoeffect in determining certain characteristics of the motion of electron beams in solids. E. P. Denisov, M. A. Rumsh. *Vest. LGU* 21 no. 4 57-68 '66.

ELECTRON BEAMS—OSCILLATIONS

Induction of longitudinal oscillations in electron streams. A. V. Bogdanov. *Trudy VZEI* no. 17 15-22 '61.

Induction of transverse electromagnetic oscillations in electron streams. A. V. Bogdanov. *Trudy VZEI* no. 17 23-30 '61.

ELECTRON DIFFRACTION EXAMINATION

Elastic anisotropy of polycrystalline condensed films. L. S. Palatnik and others. *Dokl. AN SSSR* 167 no. 1 77-79 M: '66.

ELECTRON MICROSCOPE

Present state and aspects of the development of the electron microscope. C. Ruskin. *Radioelektronika* 11 no. 3 109-132 M: '66.

Using the electron microscope for studying the structure of oxide electrically conducting films on glass and other insulation materials. N. M. Vaisfeld, S. V. Iurkova. *Opt. - mekh. prom.* 33 no. 3 11-14 M: '66.

ELECTRON MICROSCOPY

Effect of organic compound additives on the properties and microstructure of a model of lithium grease. G. G. Shchegolev, A. A. Trapeznikov, I. I. Astakhov. *Koll. zhur.* 28 no. 1 146-150 Ja: '66.

Electron microscope analysis of peat bitumen. M. P. Votavovich, N. K. El'mitskaya, L. I. Lishtvan. *Koll. zhur.* 28 no. 1 27-28 Ja: '66.

Electron microscope study of the lamellar structure. A. S. Flal'ov and others. *Zhur. fiz. khim.* 40 no. 3 704-706 M: '66.

Electron microscopic study of mitochondria in the ellipsoid of photoreceptors exposed to light and in darkness. T. P. Tsihrus (Lukashevich). *Tsitologiya* 8 no. 1 90-93 Ja: '66.

Electron microscopic study of the effect of pituitrin on the urinary bladder in frog. V. F. Mashanskiy, L. N. Vinichenko, I. V. Natsobin. *Tsitologiya* 8 no. 1 23-29 Ja: '66.

Electron microscopy of ultrathin gonococcal sections. N. M. Oychinnikov, V. V. Deletorskii. *Vest. dermat. ven.* no. 6 49-55 '65.

Cells of organosilicon compounds. Part 4: Electron microscopy of sol, gel, and powders of methylsilicic acid (methylpolysiloxane). I. B. Sinitskaya and others. *Koll. zhur.* 28 no. 1 123-126 Ja: '66.

Processes of structure formation in the failure of rubbers. M. F. Kazhdan and others. *Vysokom. soed.* 8 no. 2: 204-208 F: '66.

Stability and coagulation of synthetic latexes. Part 7: Electron microscopy data. R. E. Neiman, A. I. Kuratiev, A. P. Kirdeeva. *Koll. zhur.* 28 no. 1 105-109 Ja: '66.

Structure and texture of bayerite and aluminum γ -oxide. A. M. Rubinshteyn and others. *Izv. AN SSSR, Ser. khim.* no. 2 350-352 '66.

Structure of platinum films. L. A. Ryzhak and others. *Kin. i kat.* 7 no. 1 182-184 Ja: '66.

Structure of the SFR-26 type fluororubber studied by means of electron microscopy. V. A. Kargin, Z. I. Berestneva, V. G. Kalashnikova. *Dokl. AN SSSR* 165 no. 4 874-875 F: '66.

Use of electron microscopy in botanical research; symposium in Kishinev. A. A. Spasskiy, B. T. Matienko. *Vest. AN SSSR* 36 no. 1 154 Ja: '66.

ELECTRON OPTICS

Electron-optical recording of X-ray diffraction. T. D. Mokul'skaya, M. A. Mokul'skiy. *Dokl. AN SSSR* 168 no. 4 836-838 F: '66.

ELECTRON PARAMAGNETIC RESONANCE

Electron paramagnetic resonance in polyconjugated systems. V. F. Belyy, S. S. Oganev. *Trudy MINKHGP* no. 3 116-139 '65.

Electron paramagnetic resonance in silicate glass fibers. R. S. Shevlevich. *Izv. AN SSSR, Neorg. mat.* 2 no. 2 190-191 F: '66.

Electron paramagnetic resonance on the basis of benzoquinolines. L. S. Povarov, A. H. Shapiro, E. G. Rozantsev. *Izv. AN SSSR, Ser. khim.* no. 2 330-341 '66.

Relaxation of protons and deuterons in aqueous solutions of pentavalent molybdenum. R. K. Mazitov. *Dokl. AN SSSR* 166 no. 5 1158-1161 F: '66.

Study of electron paramagnetic spin resonance spectra of photo-sensitizing green bacteria. G. T. Rikhteva, L. P. Kalushin, A. A. Krasnovskiy. *Dokl. AN SSSR* 166 no. 3 390-393 '61.

ELECTRON-TUBE AMPLIFIERS see Amplifiers, Electron-tube

ELECTRON-TUBE OSCILLATORS see Oscillators, Electron-tube

ELECTRON TUBES

Consideration of the depth of the penetration of electrons in the calculation of the pulsed heating of the copper electrodes of electronic devices. I. U. D. Denisov. *Radioelektronika* 11 no. 3 573-575 M: '66.

ELECTRONIC ANALOG COMPUTERS

Using an electronic modeling system in studying the electric driving of diesel locomotives with mixed excitation traction engines. L. P. Bolodulin. *Trudy MHT* no. 208: 12-50 '65.

Using the new methods of solving problems of rolling stock dynamics with electronic analog computers. A. D. Kochenov, I. U. M. Cherkashin. *Trudy TSNII MPS* no. 307 37-52 '65.

ELECTRONIC APPARATUS AND APPLIANCES

Brufman, S. S. [Digital indicators]. *Tsilifrovye indikatoriy*. Moskva, Energiya, 1964. 74 p. (Biblioteka po avtomatike, no. 100) (CSImor).

Electronic technology. V. V. Grigor'ev. *NTO* 8 no. 2: 22-26 F: '66.

Let's meet the congress in a proper way. *Radio* no. 2 3 F: '66.

Logical devices for technical diagnosis and principles of their plotting. A. I. Gilbert. *Nauch. trudy SibVIM* no. 2: 136-156 '64.

Theory of a spherical probe at medium and high pressures. I. U. M. Kagan, V. I. Perel'. *Zhur. tekh. fiz.* 35 no. 11: 2089-2095 N: '65.

Use of electronic apparatus to diagnose the condition of internal combustion engines without dismantling them. A. S. Dgorov. *Nauch. trudy SibVIM* no. 2: 80-88 '61.

Volt-ampere characteristics of thermionic converters. G. A. Dushkevich and others. *Zhur. tekh. fiz.* 35 no. 11: 2054-2054 N: '65.

ELECTRONIC APPARATUS AND APPLIANCES—RELIABILITY

Evaluation of the efficiency of complex systems in long-term operation. L. N. Plaksov. *Radioelektronika* 21 no. 3 69-72 M: '66.

Evaluation of the reliability of structurally reserved discrete automata. V. B. Svychnitskiy. *Izv. vyz. ucheb. zav. i elektromekh.* 9 no. 2 200-208 '66.

Mathematical model for predicting gradual failures of system components. V. O. Kurt-Umerov. *Avtom. i telem.* no. 2 142-146 '66.

Optimal nonlinear inertialess transformation of the signals of several devices with consideration of their operational unreliability. E. P. Gil'bo, L. B. Chelpanov. *Avtom. i telem.* no. 2 70-75 '66.

ELECTRONIC CIRCUITS

Contribution to the theory of a capacitive parametron. S. A. Tsybin. *Radioelektronika* 11 no. 3 550-560 M: '66.

General principles of the synthesis of composite logical networks using modular elements with direct coupling. A. P. Kulay. *Trudy LPI* no. 358 65-70 '65.

Some problems of the calculation of code-analog converters for digital devices with power equalization. V. G. Knorring, L. K. Rubina. *Trudy LPI* no. 256 20-24 '65.

ELECTRONIC COMPUTERS

Analog-digital multiplying device. T. F. Bekmuratov, B. M. Malinovskiy, V. P. Skuridin. *Izv. AN Uz SSR, Ser. tekhn. nauk* 10 no. 1 17-21 '66.

Approximate analysis of self-oscillations of digital systems with feedback. S. L. Chechurin. *Trudy LPI* no. 250 134-139 '65.

Cherevychnik, I. U. K. [Glow discharge devices in computer technology]. *Prilozheniya k teorii i razrabotke v vychislitel'noi tekhnike*. Moskva, Energiya, 1964. 68 p. (CSImor).

Design of adding and subtracting units operating in an unweighted Gray code, from weighted module cells. *Avtom. i telem.* no. 2 66-69 '65.

Golshkov, A. F., and I. U. I. Ushmanov. [Computers in the service of man]. *Matematicheskie mashiny na sluzhbu cheloveku*. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963. 173 p.

[MICROFILM]

Possibility for decreasing the number of logical elements by combining complete systems of logic algebra functions. B. G. Matkovich. *Izv. AN SSSR no. 10 Ser. tekhn. nauk* no. 3 81-90 '64.

Special electronic computer for surveying calculations. I. U. R. Zhelezkovskiy. *Geod. i kart.* no. 2 21-21 F: '66.

Unification of computing equipment and automatic control systems. B. R. Kiselev. *Standartizatsiya* 29 no. 12: 27-29 D: '65.

ELECTRONIC COMPUTERS—ABSTRACTS

[Automatic control, remote control, and computer technology] Ref. zhur. i telem. i vych. tekhn. nos. 3-4 M: Ap: '66. *Aviatsiya i kosmos* 1965 g.

[Journal of abstracts 'Cybernetics'] Ref. zhur. i kib. no. 2 F: '66.

ELECTRONIC COMPUTERS—CIRCUITS

Calculation of the reliability of transistor logical cells using the BESM-2 digital computer. I. A. R. Vaitma, I. V. Iakovlev. *Trudy LPI* no. 256 71-79 '65.

Construction of control networks based on the current distribution principle. F. A. Stoganova, V. I. Tarabukha, V. L. Chechurin. *Trudy LPI* no. 256 116-120 '65.

Features of digital circuits during increase in their response and temperature stability. V. G. Kotovskiy, B. A. Milovidov, N. I. Radomyslskiy. *Trudy LPI* no. 256 104-101 '65.

Principle of current distribution and features of its use in digital devices. V. D. Efremov, V. A. Kaling, V. B. Malakhovskiy. *Trudy LPI* no. 256 88-93 '65.

Selection of an optimal mode for the operation of a transmitting cell based on the current distribution principle. A. G. Leont'ev. *Trudy LPI* no. 256 111-115 '65.

ELECTRONIC COMPUTERS—INPUT-OUTPUT EQUIPMENT

Device for information input from a punched tape with system numerical transformation. I. A. Mokhammadov, N. B. Bekh-zade. *Trudy Vych. isv. AN Azerb. SSR* 3: 101-170 '65.

ELECTRONIC COMPUTERS—MEMORY SYSTEMS

Kitovich, V. V. [Operational memory units using ferrite cores and thin magnetic films]. *Operativnye zapominateleskiye ustroystva na ferritovykh i tenkikh magnitnykh plenkakh*. Moskva, Energiya, 1965. 238 p.

Optimal choice of the parameters of operational memory units using ferrite pads. N. I. A. Damskanskaya, I. K. Nosyrev, V. A. Stepanov. *Trudy LPI* no. 256 120-133 '65.

ELECTRONIC CONTROL

Automatic control of a hydraulic-hydraulic granulation unit. I. A. P. Gindia, Mekh. i avtom. proizv. 20 no. 3: 2-4 F: '66.

ELECTRONIC DATA PROCESSING

Device for transforming and processing graphic data. S. A. Atekerov, T. A. Ailov. *Trudy Vych. isv. AN Azerb. SSR* 3: 117-100 '65.

Use of an analog computer in finding the initial conditions for a conjugate system in an optimal flight problem. I. U. A. Kikh, G. F. Malinov, V. A. Malinov. *Zhur. vych. mat. i mat. fiz.* 8 no. 2 360-369 M: Ap: '66.

Use of an M-20 in solving a modified simplex method for solving the general problem of linear programming. R. A. Zviagina. *Optim. plan.* no. 1 6-51 '64.

ELECTRONIC DATA PROCESSING—AGRICULTURE

Isakuk, T. L. [Put electronics in the service of agriculture]. *Elektronika - na sluzhbu sel'skoi khozyaistvu*. Moskva, Ekonomika, 1966. 100 p. (Obshchestvennoye slovo, no. 15).

ELECTRONIC DATA PROCESSING—ARCHIVES

Using the M-20 electronic digital computer in calculating circular asymmetric elastically fixed arches of constant thickness for radial, tangential, and torsional loads. S. Turgunov. *Izv. AN Uz SSR, Ser. tekhn. nauk* 10 no. 1 35-11 '66.

ELECTRONIC DATA PROCESSING—BESSEMER PROCESS

Mathematical description of the oxygen-blown converter process. N. A. Sorokin and others. *Izv. vyz. ucheb. zav. i chern. met.* 9 no. 3 48-54 '66.

ELECTRONIC DATA PROCESSING—BIBLIOGRAPHY

see Bibliography—Electronic data processing

ELECTRONIC DATA PROCESSING—CARTOGRAPHY

Methods of automatic processing of cartographic representation using electronic computers. A. S. Vasmut, Geod. i kart. no. 2 68-75 F: '66.

ELECTRONIC DATA PROCESSING—CHEMICAL INDUSTRIES

Approximate method for the synthesis of an integral control system for industrial objects with distributed parameters. M. S. Krasitskiy, E. G. Krushchik. *Avtomatizatsiya* no. 6 105-102 '65.

ELECTRONIC DATA PROCESSING—CHROMATOGRAPHIC ANALYSIS

Automatic treatment of data in chromatographic analysis
E. A. Fil, V. S. Chupryzhev Trudy VNIKAneftgaz no. 1
239-219 '65

ELECTRONIC DATA PROCESSING—CLOTHING INDUSTRY

Possibility of applying electronic computers for the preparation of the technological flow sheets of operations in the mass production of clothing V. I. Dolenko, M. V. Udalov, Shveina prom no. 1 21-25 Ja-F '66

ELECTRONIC DATA PROCESSING—COOPERATIVE SOCIETIES

Cybernetics and cooperative societies, S. Kurak Sov. postrb, koop. 10 no. 2 40-43 F '66

ELECTRONIC DATA PROCESSING—DEPARTMENT STORES

Electronic machines come into use in trade L. Bulichev, A. Mikhnev Sov. toig. 39 no. 1, 12-17 Ap '66

ELECTRONIC DATA PROCESSING—ELECTRIC DRIVING

Use of an analog computer in experimental tests of a multiple-motor electric drive S. D. Levintov, V. I. Smirnov, G. I. Dachev. Izv. vys. ucheb. zav., inzh. 9 no. 3, 32-38 M '66

ELECTRONIC DATA PROCESSING—ELECTRIC FIELDS

Using the Monte-Carlo method for calculating the fields of Laplace's equations with dipole boundaries, P. M. Belash, A. L. Koginov. Trudy MINKHIGP no. 58:20-33 '65

ELECTRONIC DATA PROCESSING—ELECTRIC MOTORS

Use of an electronic digital computer in the calculation of flexible mechanical rotors, A. P. Sivkov. Izv. vys. ucheb. zav., elektromekh. 0 no. 2, 105-100 '66

ELECTRONIC DATA PROCESSING—ELECTRIC MOTORS, SYNCHRONOUS

Calculation of the start characteristics of large vertical-shaft synchronous motors taking into account saturation using electronic digital computers, O. K. Aikhimenkova and others. Izv. vys. ucheb. zav.; elektromekh. 0 no. 2, 155-150 '66

ELECTRONIC DATA PROCESSING—ELECTRIC NETWORKS

Numerical method for determining transient processes in nonlinear electrical networks using digital computers, A. V. Vul'fson Izv. AN SSSR, Energi i transp. no. 1, 64-70 Ja-F '66

ELECTRONIC DATA PROCESSING—ELECTRIC POWER DISTRIBUTION

Venkov, G. V., and V. A. Stroeve. [Use of mathematical methods and computer in the design and operation of electric power systems] Primenenie matematicheskikh metodov i silya vychislitel'noi tekhniki v proektirovani i ekspluatatsii energeticheskikh sistem. Moskva, Energiya, 1965. 277 p. (Energetika za lubezhom)

ELECTRONIC DATA PROCESSING—ELECTRIC REACTORS

Use of an electronic computer in the study of the electromagnetic characteristics of bridging reactors, A. T. Zhelezniakov. Izv. vys. ucheb. zav., elektromekh. 0 no. 3, 271-278 '66

ELECTRONIC DATA PROCESSING—ELECTRONIC CONTROL

Using an electronic analog computer in modeling industrial digital regulators S. S. Gurmman, O. G. Druzhinin, E. I. Matiushtin, Priborostroenie no. 3:3-6 Mr '66

ELECTRONIC DATA PROCESSING—ELECTROPHYSIOLOGY

Method for the simultaneous automatic analysis of many electrograms, V. M. Anan'ev Biol. eksp. biol. i med. 81 no. 1-01-95 Ja '66

ELECTRONIC DATA PROCESSING—FACTORY MANAGEMENT

Use of an M-20 in setting up an algorithm for solving the problem of the optimum utilization of production funds in carrying out several types of work, M. A. Iakovleva, Optim. plan. no. 1:52-118 '64

ELECTRONIC DATA PROCESSING—FLUID DYNAMICS

Description of standard programs for calculating ring systems in steady flow, V. S. Kuz'min, Trudy MINKHIGP no. 58:113-118 '65

New method for calculating ring systems in steady flow, V. S. Kuz'min, Trudy MINKHIGP no. 58:60-66 '65

Possible programming methods for memory extension in the "Minsk-1" computer, R. V. Sennikov Trudy MINKHIGP no. 58:89-91 '65

ELECTRONIC DATA PROCESSING—FORGING MACHINERY

Controlless control circuits for press forging equipment, N. N. Vasil'ev, E. V. Shirokov, [Nauch. trudy] ENIKMASHa 10:20-35 '65

ELECTRONIC DATA PROCESSING—FOUNDING

The "Minsk-22" electronic computer for economic and engineering calculations, V. I. Loskutov, Lit. proizv. no. 2 15-20 I '66

ELECTRONIC DATA PROCESSING—GARMENT CUTTING

The FMPT-2 electronic computer for calculating the cutting-out of textile fabrics L. A. Plikevich, Mekh i avtom. proizv. 20 no. 2 32-34 F '66

ELECTRONIC DATA PROCESSING—GAS, NATURAL—PIPELINES

Using electronic digital computers for calculating optimum parameters of gas pipelines considering inlet and outlet pressures, I. U. A. Kuznetsov, Gaz. prom. 11 no. 2, 22-25 '66

ELECTRONIC DATA PROCESSING—GAS FIELD DEVELOPMENT

Concerning some applications of integral method to the analysis of the development of oil and gas layers, P. M. Belash, E. Chen-Sin Trudy MINKHIGP no. 58:3-27 '65

Recorders of random numbers with automatic correction, O. V. Udovskii, Trudy MINKHIGP no. 58:77-79 '65

ELECTRONIC DATA PROCESSING—HYDRAULIC ENGINEERING

Using electronic digital computers for calculating the velocity fields in the tail water of a combined hydroelectric power station, A. N. Shishov, Izv. VNIIG 75:404-410 '65

ELECTRONIC DATA PROCESSING—HYDRAULIC TURBINES

Use of digital computers in calculating the regimes controlling the overspeeding of a hydraulic turbine using suction pipe valves, B. E. Safarov, Gidr. stroit. 38 no. 1 26-30 Ja '66

ELECTRONIC DATA PROCESSING—INDUSTRIAL MANAGEMENT

Essential problems in the automation of brainwork in the machinery industry, N. G. Bruevich, Vest. mashinestr. 40 no. 3, 3-6 M '66

Machine helps to think, to compute, and to manage, A. Laptev, NTO 8 no. 3, 6-8 Mr '66

Mathematical economics, F. Diderikhs, A. Korbut, NTO 8 no. 2, 19-21 F '66

ELECTRONIC DATA PROCESSING—INFORMATION SERVICES

General problems of the automation of municipal information bureaus, F. N. Vasil'ev, Nauch. trudy AkKFI no. 31:148-150 '65

ELECTRONIC DATA PROCESSING—LANGUAGE AND LANGUAGES

Concerning a program of automated language teaching by the "Minsk-1" electronic computer, R. V. Sennikov, A. S. Frolov, Trudy MINKHIGP no. 58:117-120 '65

ELECTRONIC DATA PROCESSING—MECHANICS

Theory, for mechanics, and method, R. P. Dislikent, Filos. prikl. such. priyad. no. 4, 41-42 '65

ELECTRONIC DATA PROCESSING—METAL CUTTING

Gachinskii, E. E., and L. N. Fitzer. [Optimization of three dimensional distribution; automatic margin distribution] Optimizatsia proizvodstvennogo raspredelenia; avtomaticheskii raspredelitel' pripuska. Moskva, Energiya, 1966. 63 p. (Biblioteka po avtomatike, no. 160)

Use of an analog computer in the calculation and study of the automatic control system of the loop in transverse metal cutting machines, Z. I. A. Lur'ev, Trudy VZEI no. 27:22-34 '64

Introducing the UTM-100 unit for accounting and controlling the utilization of metal-cutting equipment, Biol. tekhn. - ekon. inform. Gos. nauch. - issl. inst. nauch. i tekhn. inform. 10 no. 1, 11-13 Ja '66

Using computers in metal cutting, V. S. Mol'nik, Samo- lostr. i tekhn. vozl. flota no. 1:132-138 '65

ELECTRONIC DATA PROCESSING—MOTOR VEHICLES

Using an electronic computer for calculating the starting time and distance of a motor vehicle, V. I. Medvedkov, V. A. Iakov, Avt. prom. 32 no. 2, 10-12 F '66

ELECTRONIC DATA PROCESSING—OIL RESERVOIR ENGINEERING

Concerning some applications of integral methods to the analysis of the development of oil and gas layers, P. M. Belash, E. Chen-Sin, Trudy MINKHIGP no. 58:3-27 '65

Recorders of random numbers with automatic correction, O. V. Udovskii, Trudy MINKHIGP no. 58:77-79 '65

ELECTRONIC DATA PROCESSING—PETROLEUM—TRANSPORTATION

Mathematical methods for calculating the efficient transportation of petroleum products, A. N. Markova, Transp. i khran. nefi i nefteprod. no. 1:30-32 '66

ELECTRONIC DATA PROCESSING—PETROLEUM GEOLOGY

Investigating the distribution of the parameters of the nonuniformity of layers using electronic computers, G. N. Dolnaga, O. K. Obukhov, G. P. Tsybul'skii Izv. vys. ucheb. zav., nefi i gaz no. 1 68-74 '66

ELECTRONIC DATA PROCESSING—PETROLEUM INDUSTRY

Compounding of dynamic data in the petroleum industry, B. M. Geshelin Trudy VNIKAneftgaz no. 1 232-230 '64

Electronic computers in the petroleum industry, V. E. Kucherenko, Trudy VNIKAneftgaz no. 1 260-261 '65

ELECTRONIC DATA PROCESSING—POWER TRANSMISSION

Electronic modeling of impacts in mechanical systems, A. N. Jenseit, V. I. Bol'shakov, Izv. vys. ucheb. zav., elektromekh. 9 no. 2, 213-214 '66

ELECTRONIC DATA PROCESSING—PRODUCTION ENGINEERING

Introducing a unit for automatic time recording of the operation of equipment, B. I. Platonov, Biol. tekhn. - ekon. inform. Gos. nauch. - issl. inst. nauch. i tekhn. inform. 10 no. 1:56 Ja '66

Quality, cybernetics, reliability services and so on, V. G. Surmilo, Standartizatsia 29 no. 12:42-44 D '65

ELECTRONIC DATA PROCESSING—PROSPECTING

Use of the electronic computer in the selection of an efficient method of prospecting for minerals, I. S. Tunkin, Razved. i kh. nedr. 32 no. 2:7-11 F '66

ELECTRONIC DATA PROCESSING—PUMPING MACHINERY

Programmed control system of punching presses, N. N. Vasil'ev, V. D. Bespalenko, [Nauch. trudy] ENIKMASHa 10:3-10 '65

ELECTRONIC DATA PROCESSING—RAILROAD ENGINEERING

Application of electronic computers in studying the problems of interaction between track and rolling stock, A. V. Amelin, V. E. Iakovlev, I. I. Semenov, Stroj. trud, LIZHT no. 233:3-22 '64

Reduction of the frequency determinant to a form convenient for expansion by an electronic digital computer, N. M. Kivovchuk Trudy MIIT no. 211 105-109 '65

Using the "Minsk-1" electronic computer in the analysis of the elastic rail line unevenness on switches, S. V. Amelin, V. I. Abol'mov, Stroj. trud, LIZHT no. 233:23-37 '64

ELECTRONIC DATA PROCESSING—RAILROADS

Improvement of the control network of the performer of a program assigning system in a hump yard, A. K. Klimov, N. N. Glushchenko, Nauch. trudy OMIIT 51:71-80 '64

ELECTRONIC DATA PROCESSING—RAILROADS—COST OF OPERATION

Some problems in determining the economic indices of railroad sections for the purpose of optimal planning for transportation, A. B. Kaplan, P. A. Akimova Trudy MIIT no. 215 51-60 '66

ELECTRONIC DATA PROCESSING—RAILROADS—FREIGHT

Criteria of optimum planning for freight transportation with the aid of electronic computers, E. D. Khanukov, I. V. Selov Trudy MIIT no. 215:5-32 '65

Some problems of planning for supply and transportation with the aid of electronic computers, A. B. Kaplan, P. A. Akimova, Trudy MIIT no. 215:33-45 '66

The supply system of materials and equipment and the optimization of plans for freight transportation, N. F. Khokhlov, Trudy MIIT no. 215:46-53 '66

Using electronic digital computers for the calculation of fares and receipts, M. G. Trifonova, Vest. TSNI MPS 25 no. 2:62-64 '66

ELECTRONIC DATA PROCESSING—REINFORCED CONCRETE PRODUCTS

Calculating flexures of reinforced concrete elements on the "Promin" electronic digital computer, V. A. Kogan, N. A. Fedorov, Stroit. i arkhitekt. Len. 28 no. 2: 30-31 F '66

ELECTRONIC DATA PROCESSING—RETAIL TRADE

Mechanization of accounting and statistical work, Sov. toig. 39 no. 3:56-61 Mr '66

ELECTRONIC DATA PROCESSING—ROLLING (METALWORK)

Use of analog computers in studying control systems for regulating the thickness of strips at the output of continuous cold rolling mills, B. N. Draluk, Trudy VZEI no. 27:5-27 '64

ELECTRONIC DATA PROCESSING—SAWMILLS

Calculating the maximum production of lumber by means of electronic computers, A. N. Laktionov, Izv. vys. ucheb. zav.; les. zhur. 8 no. 6:152-159 '65

ENDOSCOPY

Endoscopy of the abdominal cavity in the diagnosis of extrauterine pregnancy with an ectopic clinical picture. N. M. Dorofeyev. Sov. med. 20 no. 1:117-120. Ja '66.

ENERGY METABOLISM

Characteristics of energy and nitrogen metabolism of the brain in acute radiation sickness. A. I. Vrialev. Vop. med. biol. 12 no. 1:26-30. Ja '66.

"Soft" uncoupling of oxidative and energetic processes as the basis of the action of cardiac glycosides. M. V. Koniashova. Vest. AN SSSR 21 no. 1:41-49. '66.

ENGELS, FRIEDRICH, 1820-1895

Marx and Engels, founders of scientific communism. P. A. Kozhichov. Mezhdunar. sbor. kish. un. no. 4, 15-23. '61.

ENGINEERING—STUDY AND TEACHING

What a present-day engineer specializing in automatic control should know. Avtom. i telem. no. 1:151-157. '66.

ENGINEERING GEOLOGY

(See also subdivision under Tikhvin District)

Calculating the coefficient of filtration according to withdrawal data from uncomplete wells. V. M. Nekhoroshev. Izv. vyz. ucheb. zav.; geol. i razv. 9 no. 1:73-79. Ja '66.

Comparative evaluation of formulas determining the water seepage gap. P. N. Kostikov. Zap. LGI 48 no. 2, 38-50. '65.

Injection of synthetic resin solutions in rocks for the purpose of strengthening them. V. M. Maksimov, N. I. Naletkin. Zap. LGI 48 no. 2:29-33. '65.

Institute of the Hydrogeology and Engineering Geology of the Ministry of Geology of the U.S.S.R. Uzb. geol. zhur. 10 no. 1:77-78. '66.

ENGINEERING GEOLOGY—CONGRESSES

The physics of rocks and rock processes, all-Union conference in Moscow. V. V. Khechskul. Vest. AN SSSR 36 no. 2:161. F. '66.

ENGINEERING GEOLOGY—MAPS

Unification of maps for the purpose of engineering geology. Izv. vyz. ucheb. zav.; geol. i razv. 9 no. 1:126-128. Ja '66.

ENGINEERING LABORATORIES

Role of laboratories in industrial plants. A. Z. Maikov. Vest. mashinost. 46 no. 2:81. F. '66.

ENGINEERING MATHEMATICS

Rolling of a heavy wheel over a beam. A. F. Karnaukhov. Trudy MIT no. 214:63-70. '65.

ENGINEERING MODELS

Experimental adjustment of the aerodynamics of flows in the elements of a counter-current regenerator on full-scale transparent models. V. M. Antufeyev, O. A. Tordua, E. K. Gusev. Trudy LITISBP no. 17:163-179. '65.

Gypsum-lime materials for study models. A. P. Melikh, G. M. Kaganov. Gidr. stroi. 36 no. 2:51-52. F. '66.

ENGINEERING STANDARDS see Standards, Engineering

ENGINEERING TEST REACTORS

Physics stand at the Physical Institute of the Academy of Sciences of the U.S.S.R. V. B. Klimentov and others. Atom. energ. 20 no. 1:63-65. Ja '66.

Start of a critical assembly at the Institute of Nuclear Power Engineering of the Academy of Sciences of the U.S.S.R. A. K. Krasin, O. I. Iaroshevich. Atom. energ. 20 no. 1:61-62. Ja '66.

ENGINEERS see subdivision under Karaganda

ENGLISH LANGUAGE—SPOKEN ENGLISH

Text material for studying the spoken language. Z. M. Ruban. Uch. zap. Astr. gos. ped. inst. 9 no. 3:14-17. '62.

ENGLISH LANGUAGE—STUDY AND TEACHING see subdivision under Azerbaijan

ENGLISH LANGUAGE—SYNTAX

Selection of syntactic constructions of the English simple sentence and results of introducing them at the beginning stage of study in the eighth-year Azerbaijani school. D. E. Sultanova. Uch. zap. API laz. Ser. filol. no. 3:153-170. '63.

ENGLISH PROVERBS see Proverbs, English

ENRICHED FOOD see Food, Enriched

ENSEMBLES (MUSIC)

Journey to three countries. B. Bogolepov. Sov. voln. 47 no. 24:44-45. D. '65.

ENSILAGE see Silage

ENTAMOEBA

Comparative influence of Entamoeba histolytica strains isolated from patients and different groups of carriers. M. I. Muzgova. Med. paraz. i paraz. bol. 35 no. 2:201-201 Mr.-Ap. '66.

ENTEROBACTERIACEAE—CULTURES AND CULTURE MEDIA

Effect of antibiotics of the macrolide group on gram-negative bacteria as related to different reactions of the medium. A. B. Chernomordik. Antibiotiki 11 no. 3:260-265. Mr. '65.

ENTEROKINASE

Green coin as a stimulant of intestinal enzyme enterokinase in sheep. B. N. Kazakov. Trudy Mosk. vel. akad. 22 no. 2:88-95. '68.

ENTIRE FUNCTIONS see Functions, Entire

ENZYMES

Carboxypenicillin production by enzymatic hydrolysis of its benzyl ester. M. M. Levitov and others. Mikrobiologiya 35 no. 1:8-12. Ja-F. '66.

Cellulolytic enzymes of the thermophilic and mesophilic strains of *Aspergillus fumigatus*. Zh. Tashpulatov. Mikrobiologiya 35 no. 1:27-31. Ja-F. '66.

Characteristics of gelatinase, a proteolytic enzyme accompanying hog pepsin. T. D. Levin, G. L. Muratova, V. M. Stepanov. Khim. prirod. soed. no. 3:208-215. '65.

Effect of various factors on the stability of proteolytic enzyme complex of *Streptomyces griseus* in a culture fluid. E. D. Kaverzneva, I. A. Rasaulin, P. I. L. biokhim. i mikrobiol. 2 no. 1:51-57. Ja-F. '66.

Enzyme catalyzing reductive amination of hydroxypropylvaline. V. L. Kretovich, K. M. Stepanovich. Izv. AN SSSR. Ser. biol. no. 2:295-301. Mr.-Ap. '66.

Enzyme preparations in mixed feeds for chicks. N. Erdanov. Muz. elev. prom. 32 no. 1:17-19. Ja '66.

Enzyme preparations in swine and poultry raising. N. V. Ezdakov. Vest. sel'khoz. nauki 10 no. 7:100-103. Ji. '65.

Intensity of the restoration of proteins-enzymes in rabbits with thyrotoxicosis, anemia, and during recovery after starvation. M. K. Lylynychuk, Uki. biokhim. zhur. 38 no. 1:14-17. '66.

EOSINOPHILS

Eosinophilia of the peripheral blood and bone marrow of guinea pigs in experimental ascariasis. V. L. Bellanova. Med. paraz. i paraz. bol. 35 no. 2:175-178. Mr.-Ap. '66.

Eosinophilic variant of acute hemocytoblastosis. E. D. Ponomareva. Sov. med. 29 no. 1:30-33. Ja '66.

EPHEDRINE

Detection of ephedrine in the urine. A. S. Tishchenko. Sud.-med. ekspert. 9 no. 1:21-27. Ja-Mr. '68.

EPIC LITERATURE

A. V. Lunacharski on the innovative character of Soviet art. P. P. Ekslinin. Uch. zap. kaf. nar.-len. filol. no. 5:105-115. '65.

EPICHLOROHYDRIN

Modification of basic dyes with the use of epichlorohydrin. A. A. Kharkharov, L. P. Kovzhina. Izv. vyz. ucheb. zav.; tekhn. tekhn. prom. no. 1:115-120. '66.

EPIDOTE

(See also subdivision under New Zealand)

Combination and the dispersion of birefringence of epidotes. Z. O. Chibukhchian, G. A. Sarkisian. Izv. AN Arm. SSR. Nauki o zem. 18 no. 6:42-49. '65.

EPIGENESIS (GEOLOGY) see subdivision under Russian Platform

EPILEPSY

Clinical physiological characteristics of the epileptiform syndrome in sequelae of craniocephalic traumas and its significance in the expertise of capacity for work and job placement of invalids. M. M. Tepina. Trudy LIETIN no. 18:45-52. '65.

EPINEPHRIN see Adrenaline

EPITHELIUM

Autonomous nature of the seasonal mitotic activity of the crystalline lens epithelium in *Rana esculenta*. V. A. Golichenkov, N. I. Sakinova, V. V. Popov. Dokl. AN SSSR 166 no. 3:1240-1242. F. '66.

Reactive changes in the epithelium of the eyelid. V. A. Vasil'eva. Arkh. anat., gist. i ombr. 50 no. 1:54-58. Ja '66.

EPOXY COMPOUNDS

The KO-80 electric insulating silicon epoxide lacquer. V. D. Orlova, K. B. Riazanov, V. B. Losev. Blud. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. no. 1:10. Ja '66.

Metal polymers on the basis of epoxide resin and colloidal copper. E. M. Natanson, I. I. Khimchenko, V. A. Kompaniets. Dokl. AN SSSR 167 no. 1:128-131. Mi. '66.

Use of epoxy compounds for injecting into cracks in structures. G. P. V. Butskli and others. Butskli. Zhet. bet. 12 no. 2:9-11. F. '66.

Water resistance of epoxy adhesives. A. S. Feldman, L. B. Orlova. Plast. massy no. 3:73-76. '66.

EPOXY COMPOUNDS—ANALYSIS

Experience in the application of direct titration methods in determining epoxy groups. L. P. Kiylova, G. U. Shenakina, O. I. Podosinovskova. Tekhn. i nauch. i zh. prikl. no. 1:80. '66.

EPOXY RESINS

Assembling units of automobile, motorcycle and bicycle air pumps by means of gluing. N. M. Kapustin. Shor. trudy MVTU no. 2:87-88. '62.

Conductivity of epoxy resin films with metallic fillers. V. E. Gul', L. Z. Shenfil', G. K. Mel'nikova. Plast. massy no. 3:63-65. '66.

Effect of media on the physicochemical properties of epoxy coatings. P. I. Zubov and others. Tekhn. i nauch. i zh. prikl. no. 1:81-82. '66.

Eliminating the gap between the steel tube and the bushing by the use of epoxy resins. I. I. Zaitsev. Sudostroenie 58 no. 1:80-81. Ja '66.

Encapsulation of the stators of electric mining machines using epoxy compounds. A. P. Kononenko, V. I. Shmirikova, A. D. Uehitel'. Elektrotekhnika 37 no. 2:50-50. F. '66.

Epoxy resins for sealing casting threaded joints. D. B. Rabinovich. Bimetal no. 2:40-41. '66.

Epoxy resins with a base of triphosphonite chloride derivatives. A. F. Nikolaev and others. Plast. massy no. 3:17-18. '66.

Plastic modeling equipment based on epoxy resins. N. P. Borodina. Shor. trudy MVTU no. 3:65-75. '63.

Use of alkylal succinic acid anhydrides as epoxy resin hardening agents. E. S. Polekhina and others. Plast. massy no. 3:54-57. '66.

Use of epoxy resins in the manufacture of air conditioning. M. D. Makhmudov. Khim. tekhn. 43 no. 2:40-50. F. '65.

Using gluing techniques in manufacturing technical equipment. N. M. Kapustin, M. F. Sukhov. Shor. trudy MVTU no. 3:46-58. '63.

EPOXY RESINS—TESTING

Effect of the dispersal of fillers on the water resistance of epoxy compositions. D. I. Gorin, E. P. Oleshkevich, L. M. Davydchevskii. Vest. mashinost. 46 no. 3:40-48. Mi. '66.

EQUATION OF STATE

Equation of state for "rigid spheres." A. M. Evseyev, V. G. Chervin. Zhur. fiz. khim. 40 no. 3:623-630. Mr. '66.

EQUATIONS—GRAPHIC METHODS

Methods for solving certain trigonometric equations using a compass and ruler. B. D. Shalder. Trudy VZEI no. 28:66-65. '65.

EQUATIONS, CUBIC

A note on cubic equations. A. M. Kullev. Uch. zap. Tur. gos. un. no. 28:35-37. '64.

EQUATIONS, SIMULTANEOUS

Modification of the gradient method with minimum discrepancies. V. S. Kuzmin, E. Chen-Shu. Trudy MINKHGP no. 58:133-135. '65.

EQUILIBRIUM

Studying a certain system of ordinary differential equations with three points of equilibrium. N. N. Kuskov. Trudy LITISBP no. 17:271-274. '65.

EREMOHECIUM—CULTURES AND CULTURE MEDIA

Effect of some nutrient medium components on the accumulation of riboflavin in *Eremothecium ashbyi* culture. A. S. Vecher, L. S. Kremneva. Prikl. biokhim. i mikrobiol. 2 no. 1:91-95. Ja-F. '66.

Use of tetracycline and chlorotetracycline to prevent infection in riboflavin biosynthesis by *Eremothecium ashbyi* culture. M. G. Golyaeva and others. Antibiotiki 11 no. 3:210-213. Mr. '66.

ERGOCALCIFEROL

Improved method of the polarographic determination of calciferol in the presence of retinol. V. G. Malranovskii, G. I. Samokhvalov. Zhur. anal. khim. 21 no. 2:210-213. '66.

ERGOTAMINE

Pharmacology of Soviet ergotamine tartrate. M. A. Angars'ka, P. I. Bozruk, E. O. Zborova'ka. Farmatsyev. zhur. 21 no. 1:80-82. '66.

ERISTOV, VISSARION SARDIONOVICH, 1905-

Sixtieth birthday of Vissarion Sardionovich Eristov. Gidr. stroi. 36 no. 2:80-81. F. '65.

ERIVAN—BALLET

Joy and disappointments. R. Stepanian. Sov. mus. 30 no. 3:67-68. Mr. '66.

ERIVAN REGION—MILLIOLIDAE, FOSSIL

Representatives of the genus *Spiticolina* O. Ligny (order Millioida) from Oligocene sediments in the Erivan basin. N. A. Safran, G. I. Magura. *Izv. AN Arm. SSR, Nauk o zemi*, 18 no. 6-3-9 '65.

EROSION

(see also subdivision under Kazakhstan; Komsomolsk-Amur region, Trans-Ili Alatau, Ukraine)

Forests and steppes. V. Oshelko. *Kommunist* 42 no. 4: 62-68 Mr '68.

EROSION OF METALS

Effect of small particles of minerals on samples from a dusty gas stream. K. V. Olesovich, V. A. Marchuk. *Izv. vyz. ucheb. zav., energ* 9 no. 3 57-61 Mr '66

Phase transformations in austenitic-ferritic alloys under the effect of microimpact. L. D. Chumakov, R. I. Minin, I. U. G. Veksler. *Izv. vyz. ucheb. zav., khim. met* 9 no. 3:145-148 '66

ERROR-CORRECTING CODES (INFORMATION THEORY)

Error detecting program. T. A. Trisman. *Vop. mat. ekpl. vych. mash* no. 2 16-30 '65

A property of tightly packed codes. V. K. Leont'ev. *Disk. anal.* no. 2:56-58 '64.

Test program. T. P. Kuznetsova. *Vop. mat. ekpl. vych. mash* no. 2 3-15 '65.

ERUCIC ACID

Configuration and properties of unsaturated compounds and their derivatives. Part 17. Thiocyanation of erucic and brassic acids and their esters. A. K. Pilov, V. I. Lakiza. *Zhur. org. khim.* 2 no. 3 402-406 Mr '66.

ERYTHROSID

Pharmacology of erythroside. M. A. Agarskata, P. I. Bezrukh, Zh. Lyubetskaya. *Farm. i toks.* 29 no. 1:39-43 Ja-F '68.

ERYSIMUM

Erythozol, a new natural cardiac glycoside. I. F. Mekarevich. *Khim. prirod. soed.* no. 3:160-162 '65.

ERYTHREMA

Treatment of erythema with myelosan. B. P. Shvedakht, N. V. Nikolaeva. *Sov. med.* 27 no. 5:70-72 My '64.

ERYTHROCYTES

Absorption of transaminases on the erythrocyte surface in infectious hepatitis. L. I. Gol'dberg. *Vop. med. khim.* 12 no. 1 45-48 Ja-F '66.

Simple method of obtaining crystalline hemoglobin from rabbit, swine, and cattle erythrocytes. P. D. Dvorukova, M. F. Hulyi, T. M. Pechonova. *Ukr. biokhim. zhur.* 38 no. 1:100-104 '66.

Thermal stability of the isolated muscle tissue and the antigenic properties of erythrocytes of some cultured carp varieties. I. U. P. Alukhov, A. I. Matveev, B. M. Ruzneva. *Tsitologiya* 8 no. 1:100-103 Ja-F '66.

ESCHERICHIA COLI—CULTURES AND CULTURE MEDIA

Acquired resistance to levomycetin and variability of *Escherichia coli* and *Salmonella typhi* under conditions of continuous flow culturing. A. N. Kovalovskaya. *Antibiotiki* 11 no. 3:242-244 Mr '66.

Effect of Mg^{2+} ions, spermine, and EDTA on the β -galactosidase biosynthesis and viability of *Escherichia coli* B cells, treated with phage T2 "ghosts." V. N. Gershtovich and others. *Mikrobiologiya* 35 no. 1:132-137 Ja-F '66.

Infection of *lysosyme spheroplasts* by intact and lysed C^{14} -tyrosine labeled phage T2. D. M. Gol'dfarb, A. V. Avedeva. *Mikrobiologiya* 34 no. 6:1019-1024 N-D '66.

Study of the competence of *Escherichia coli* lysosyme spheroplasts as related to infectious DNA phages. B. N. Minshenko, S. I. A. Dittalkin. *Mikrobiologiya* 35 no. 1:122-127 Ja-F '66.

ESCHERICHIA COLI—GENETIC RESEARCH

Study of simultaneous action of chemical mutagens and ultraviolet rays on the origin of reverse mutations in *Escherichia coli*. Z. I. Panfilova and others. *Genetika* no. 2:49-56 '66.

ESENIN, SERGEI ALEKSEANDROVICH, 1896-1926

Dating the early verse of S. Esenin. V. Vdovin. *Vest. Mosk. un. Ser. 7: Filol., zhur.* 20 no. 9:92-94 N-D '65.

Prokushin, I. U. L., ed. [Reminiscences of Sergei Esenin] *Vospominaniya o Sergee Esenine*; sbornik. [Moskva, Moskovskii rabochii, 1965.] 510 p.

ESOPHAGEAL FISTULA see Fistula, Esophageal

ESOPHAGODUODENOSTOMY

Gastrostomy with direct esophagoduodenal-anastomosis in cancer of the stomach. V. S. Karpunchev. *Khirurgiya* 42 no. 3:136-137 Mr '66.

ESSENCES AND ESSENTIAL OILS

Analysis of essential oil in pine. A. F. Pisanitskii, P. I. biokhim. i mikrobiol. 2 no. 2 215-218 Mr-Apr '66.

Chromatography in the study of essential oils used in pharmaceuticals and perfumery practice. I. M. Perisov, *Farmatsiev. zhur.* 18 no. 6 33-38 '63.

Comparative anatomical characteristics of some promising hybrids of geraniums and their parent plants. N. D. Chikovani. *Trudy Sukh. opyt. sta. efirnomasi. kul't.* no. 3 9-12 '64.

Geranium as an ornamental plant. U. V. Volkhovskaya. *Trudy Sukh. opyt. sta. efirnomasi. kul't.* no. 3 3-7 '64

Some factors influencing the accumulation of essential oils in the leaves of *Laurus nobilis*. R. I. Dogonadze, V. Sh. Komakhidze. *Trudy Sukh. opyt. sta. efirnomasi. kul't.* no. 5 67-68 '64

ESTERASES

Effect of X rays on the esterase activity of the blood serum of white rats. N. P. Budalskii. *Radobiologiya* 6 no. 1: 27-29 '66.

Some properties of steroid esterase from *Bacillus megaterium*. N. N. Lestovaia, L. M. Savko, I. M. TSfasman. *Izv. AN SSSR. Ser. biol.* no. 2:301-305 Mr-Apr '66.

ESTERIFICATION

Esterification of alkyl- and arylaromatic acids by monoatomic alcohols. B. D. Chernokalskii, V. S. Gamaturova, G. Kh. Kamal. *Izv. vyz. ucheb. zav., khim. i khim. tekhn.* 8 no. 6:959-962 '65.

Mechanism of esterification of phthalic acids and reesterification of phthalates studied by the tracer method. E. N. Gur'ianova and others. *Zhur. org. khim.* 2 no. 3 403-405 Mr '66.

ESTERS

Chemistry of keto acid esters of the acetylene series. Part 4: Addition of substituted aromatic primary amines to phenylthiethylglyoxal acid esters. I. I. Lapkin, I. U. S. Andreichikov. *Zhur. org. khim.* 2 no. 3: 386-390 Mr '66.

Differentiating action of esters on the strength of acids. L. P. Ivleva, V. I. Dulova, N. R. Molchanova. *Izv. vyz. ucheb. zav., khim. i khim. tekhn.* 8 no. 6 880-892 '65

Mechanism of anodic processes in the electrolysis of solutions of dicarboxylic acid monoesters. Part 1: Aqueous solutions of dicarboxylic acid monoesters. L. A. Mirkind, M. A. Flushtin, D. Constantinescu. *Elektrokhimiya* 2 no. 2:193-199 F '66.

Reactions of alkoxy-containing diaryl carbinolates with esters. M. N. Rybakova. *Zhur. org. khim.* 2 no. 3:470-473 Mr '66.

Reactions of α -chlorinated ethers in the presence of zinc. Part 3. New method of synthesizing esters of β -alkoxy derivatives of aliphatic acids. I. I. Lapkin, Z. D. Alekseeva. *Zhur. org. khim.* 2 no. 3:393-395 Mr '66.

Study of complex esters. N. L. Skobetova, M. A. Boluchina. *Pril. biokhim. i mikrobiol.* 2 no. 2:193-198 Mr-Apr '66.

Study of sterile solutions of esters, derivatives of diphenylacetic acid. I. R. Il'dits', A. R. Zhestikova. *Farmatsiev. zhur.* 20 no. 4 8-10 '65.

ESTERS—PHYSIOLOGICAL EFFECT

Comparison of the adenolytic properties of esters formed by isoprene and other amino alcohols with derivatives of α - and β -diphenylpropionic acid. L. N. Gershtikov, M. D. Mashkovskii. *Farm. i toks.* 29 no. 1:31-33 Ja-F '66.

ESTONIA—BOTANY

Iaasimer, Liiva. [Plant cover of the Estonian S.S.R.] *Eesti NSV taimekate*. Tallinn, Valgus, 1965. 396 p. [In Estonian]

ESTONIA—COLLECTIVE FARMS

On an Estonian collective farm. H. Mottus, Agilator. 33 no. 6 43-45 Mr '66.

ESTONIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The 15th Congress of the Communist Party of Estonia. *Part. zhizn'* no. 6:63-65 Mr '66.

ESTONIA—COOPERATIVE SOCIETIES

Along the road to the improvement of wholesale trade. V. Burmistrov. *Sov. potreb. koop.* 10 no. 2:14-16 F '66.

ESTONIA—LANDSCAPE ARCHITECTURE

Niine, Aleksander. [Problems of landscape architecture in the Estonian S.S.R.] *Maastikuarhitektuur: probleemid Eesti NSV-s*. Tallinn, Eesti NSV Teaduste Akad., 1965. 166 p. [In Estonian]

ESTONIA—MINERAL WATERS

Some data on the mineral waters of Estonia. E. R. Cheban. *Izv. vyz. ucheb. zav., geol. i razv.* 9 no. 1:66-62 Ja '66.

ESTONIA—PRICE REGULATIONS

Organizing the price control. A. Il'vess, *Sov. potreb. koop.* 10 no. 2:24-26 F '66.

ESTONIA—RADIO JOURNALISM

The young go into the ether. K. Ljubchenko. *Sov. radio* 1 tel. 12 no. 4 26-28 Ap '63

ESTONIA—SOILS

Scientific conference and a trip on Estonian soils. G. I. Giger'ev, L. P. Rubtsova. *Pochvovedenie* no. 3 111-112 Mr '66.

ESTRADIOL—PHYSIOLOGICAL EFFECT

Age-related changes of the activity of uterine cholinesterase in rats, and the effect of estradiolpropionate on it. A. N. Mikhaylina. *Flziol. zhur. [Ukr.]* 12 no. 1: 105-107 Ja-F '66.

ESTRENONE

Variants of the total synthesis of d, 1-19-nortestosterone, d, 1-19-nor- Δ^4 -androst-3, 17-dione and their stereoisomers. K. K. Koshov, S. N. Ananchenko, I. V. Torgov. *Khim. prirod. soed.* no. 3:180-188 '65.

ESTROGENS

Paths of search. I. A. Bakman, *Ekon. i zhizn'* 8 no. 1: 90-92 Ja '66.

Phytoestrogens. Report No. 1: Synthesis in the series of coumestan derivatives. 8, 13-diallyl coumestan. A. A. Shamshurin, M. A. Iampul'skaya, L. L. Simonova. *Khim. prirod. soed.* 2 no. 1:51-55 '65.

ESTRONE

Variants of the total synthesis of d, 1-estrone based on 1-vinyl-6-methoxytetralol and 2-methyl-1, 3-cyclopentenedione. K. K. Koshov, S. N. Ananchenko, I. V. Torgov. *Khim. prirod. soed.* no. 3 172-180 '65.

ETHANES

Adsorption energy of ethane and ethylene on surfaces of different nature. Part 3. A. G. Bezus, A. V. Kiselev. *Zhur. fiz. khim.* 40 no. 3:580-586 Mr '66.

Conversion of 1, 1- and 1, 2-dichloroethanes over active aluminum oxide. A. M. Aliev, I. Gaspra, I. Ropashova. *Neftetep. i neftekhim.* no. 11:18-21 '65.

ETHANETHIOL

Removal of ethyl mercaptan from natural gas by means of the alkali purification method. I. L. Lotova and others. *Khim. prom.* 42 no. 3:166-171 Mr '66.

ETHANOL

Reaction of monoethanolamine with mercury (II) chloride, bromide, and iodide. V. V. Udovenko, V. I. Zotov. *Ukr. khim. zhur.* 32 no. 1:8-11 '66.

Reaction of phenolates with ethylene chlorohydrin and dialkyl chlorophosphates in aqueous solutions. N. K. Bilznuk and others. *Zhur. ob. khim.* 36 no. 3:480-483 Mr '66.

ETHANOL—PHYSIOLOGICAL EFFECT

Effect of isipranol on the cholesterol level in the blood of experimental animals. N. V. Eroshina, F. S. Simonova, L. I. Grobennik. *Farm. i toks.* 27 no. 6:700-712 N-D '64.

ETHER (ANESTHETIC)—PHYSIOLOGICAL EFFECT

Changes in the conditioned reflexes in dogs during the inhalation of small concentrations of ether. E. K. Aganlants. *Biul. eksp. biol. i med.* 61 no. 1:63-65 Ja '66.

ETHERS

Complexes formed by aluminum bromide with ethers of various structures. I. P. Romm, E. N. Gur'ianova, K. A. Kochetkov. *Dokl. AN SSSR* 166 no. 4:883-886 F '66.

Preparation of alkylene carbonates by the reaction of alkene α -oxides with carbon dioxide. S. Z. Levin, A. I. Shapiro. *Neftekhimiya* 5 no. 3:383-393 My-Je '66.

Reactions of α -chlorinated ethers in the presence of zinc. Part 3: New method of synthesizing esters of β -alkoxy derivatives of aliphatic acids. I. I. Lapkin, Z. D. Alekseeva. *Zhur. org. khim.* 2 no. 3:393-395 Mr '66.

ETHICS AND LAW see Law and ethics

ETHNOLOGICAL RESEARCH

The First Conference on the Archaeology and Ethnography of the Southwest of the U. S. S. R. V. S. Belleskii. *Krai. soob. Inat. arkeol.* no. 105:132-134 '65.

ETHNOLOGY see subdivision under Vietnam, South

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHYL ALCOHOL

Effect of salts on the liquid-vapor equilibrium of 26% ethyl alcohol. V. F. Sergeev, M. A. Mikhchenko. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4:7-12 O-D '64.

Reaction between sulfonic acids and alcohols. V. M. Nikitin, I. A. V. Nikitin. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:132-134 '65.

ETHYLAMINE

Effect of separate and combined use of 5-methoxytryptamine and evastamine on myelogram and degeneration of cells in the hemopoietic organs of irradiated mice. N. P. Lebkova. Radiobiologiya 6 no.1,105-108 '66.

ETHYLENE

Adsorption energy of ethane and ethylene on surfaces of different nature. Part 3. A. G. Bezru, A. V. Kiselev. Zhur. fiz. khim. 40 no.3 580-586 Mr '66.

Continuous ethylene polymerization under high pressure in reactors with mixing devices. M. I. A. Bolnikov and others. Plast. massy no.3,1-4 '66.

Determination of microimpurities of C₁-C₄ hydrocarbons in pure ethylene. A. V. Mikhaleva, K. A. Golubchik, A. I. Ponomareva. Khim. i tekhn. 5 no.3 119-122 My-Je '65.

Development of destructive processes during high-temperature chlorination of ethylene. A. I. Subbotin, V. N. Antonov. Khim. prom. 42 no.3 161-168 Mr '66.

Method for the economic evaluation of the production of ethylene from liquefied gases. I. A. Bulashova. Nefteper. i neftekhim. no.1 32-35 '66.

Radical interaction of ethylene and tetrafluoroethylene with isopropyl halides. I. B. Afanas'ev, E. D. Safonov, V. I. A. Kiselevskii. Zhur. org. khim. 2 no.3 423-426 Mr '66.

Use of the principle of the maximum in determining the optimal regime for a chemical reactor. N. D. Bagdasaryan. Trudy Vych. tsentra AN Azerb. SSR 3 132-116 '65.

ETHYLENE ALCOHOL see Glycols

ETHYLENE COMPOUNDS

Synthesis and transformation of unsaturated organosilicon compounds. Part 28. Synthesis and transformations of some monohydric organosilicon ethylene alcohols. I. A. Shripiev, I. A. Arianov, S. Sh. Verdieva. Zhur. ob. khim. 36 no.2 355-357 F '66.

ETHYLENE GLYCOL

Dimerorphism of poly(paraphenylene)ethylene glycol adipate and block copolymers based on it. B. I. A. Tuktal'baum and others. Dokl. AN SSSR 196 no.4 887-890 F '66.

ETHYLENE OXIDE

Mechanism of polymerization of α -oxides in the presence of bases. N. N. Lebedev, I. U. I. Baranov. Vysokom. soed. 8 no.2 198-203 F '66.

ETHYLENE POLYMERS

Computation of conformation characteristics of gas-liquid chromatography for geometrical isomers of polyalkyl-substituted cyclopentanes and polyene compounds. V. G. Berezkin and others. Neftekhimika 5 no.3 430-437 My-Je '65.

Effect of alkyl substituents on the reactivity of alkyl iodides in telomerization with ethylene. V. I. A. Katsobasvili, E. D. Safonov, I. B. Afanas'ev. Vysokom. soed. 8 no.2 282-285 F '66.

Radical copolymerization of ethylene with vinyl acetate. H. A. Terterian, A. I. Dintsev, V. V. Ryankov. Neftekhimika 5 no.3 340-346 My-Je '65.

Reaction of polyphenylene ethyl with sulfur. I. I. Utkel'son, V. S. Gubrovskii, V. I. Plivnev. Izv. vuz. ucheb. zav. khim. i khim. tekhn. 8 no.6 1006-1010 '65.

ETHYLENE POLYMERS—SPECTRA

Nuclear magnetic resonance study of copolymers of vinylidene fluoride and trifluorochloroethylene. A. S. Shishkov, F. A. Galil-Ogly, A. S. Novikov. Vysokom. soed. 8 no.2 257-271 F '66.

ETHYLENEDIAMINE—PHYSIOLOGICAL EFFECT

Antihistaminic activity of N, N'-dimethyl-N'-phenyl-N''-(2-selenonyl)-ethylenediamine hydrochloride. A. N. Kudrin and others. Farm. i toka. 27 no.6 802-805 N-D '64.

ETHYLENIMINE

Ethylenimine synthesis, structure, properties. P. A. Gembitskii, N. M. Lohm, D. S. Zhuk. Usp. khim. 36 no.2 229-269 F '66.

EUDIALYTE—OPTICAL PROPERTIES

Practice in determining the chemical composition of eudialytes by means of optics. E. A. Kuznetsov, I. U. V. Alekhin. Vest. Mosk. un. Ser. 4: Geol. 21 no.1 10-39 Ja-F '66.

EUDIOMETER

Using the GEUK-21 gas analyzer for determining the thermal capacity of a gas. I. I. Lavrentik, V. A. Makovskii. Priboirostroenie no.3 22-23 Mr '65.

EUPHORBIA

Phytochemical study of spurge. Report No. 2: Isolation and chemical study of substance A. O. M. Semikova, R. K. Chotovtse. Farmatsev. zhur. 21 no.1 40-52 '65.

EURASIA—CLIMATE

Heterochronicity of moisture in Eurasia (landforms and climate). Part 4. L. N. Gumelov. Vest. LGU 21 no.6 62-71 '65.

EURASIA—PALEOBOTANY, STRATIGRAPHIC

Botanical and geographical zoning in the geological past and the evolution of the plant kingdom. V. A. Vakhrameev. Paleont. zhur. no.1 6-18 '66.

EUROPE—BOTANY

Review of the first volume of the "Flora europaea." A. K. Skvortsov. Biol. MOP. Old biol. 71 no.1 106-114 Ja-F '66.

EUROPE—GEOLOGY

Review of the geological development of Moldavia. A. Dulick, M. Suk. Sov. geol. 9 no.1 31-35 Ja '66.

EUROPE—GEOLOGY, STRUCTURAL

Outline of the geologic and tectonic characteristics of the structure of Central Europe. G. Mohns. Izv. AN SSSR. Sei. geol. 31 no.1 90-124 Ja '66.

EUROPE—SOILS—CLASSIFICATION

Pictures in the new classification of soils in Europe. S. Kovalinskii. Pochvovedenie no.3 37-41 Mi '66.

EUROPE—TRANSPORT WORKERS

Concave social workers' interesting initiative. Vsem. prof. dzh. no.2 37-38 Mi '66.

EUROPE, EASTERN—AGRICULTURAL CREDIT

Issuing a long-term credit for capital investments of agricultural enterprises in the European socialist countries. S. Orlovskaya. Vop. ekon. no.2 109-112 F '65.

EUROPE, EASTERN—BIBLIOGRAPHY

[New literature on the general problems of the European socialist countries] Nov. lit. po obshch. probl. evrop. sots. stran. no.2 '66.

EUROPE, EASTERN—COMMERCE

Economic reforms and the economic cooperation of socialist countries. O. Bogomolov. Vop. ekon. no.2 76-85 F '66.

EUROPE, EASTERN—COMMERCE—CONGRESSES

Research workers' conference of socialist countries. Sov. tolg. 39 no.1 57-59 Ap '66.

EUROPE, EASTERN—DIVISION OF LABOR

Specialization and cooperation of production are the basis of collaboration among the COMECON countries. D. Kononenko. Plan. khoz. 43 no.4 88-89 Ap '66.

EUROPE, EASTERN—ECONOMIC POLICY

Economic reforms and the economic cooperation of socialist countries. O. Bogomolov. Vop. ekon. no.2 76-86 F '66.

EUROPE, EASTERN—FEEDS—CONGRESSES

Conference on mixed feeds. Zakup. sel'khoz. prod. no.6: 42-43 Jo '65.

EUROPE, EASTERN—FOREIGN ECONOMIC RELATIONS—RUSSIA

The building of communism in the U. S. S. R. and the cooperation of socialist countries. E. L. Rabkin. Trudy MDT no.204 115-130 '65.

Fratern economic cooperation. S. Zavoizhskii. Agitator 33 no.6 16-20 Mr '66.

EUROPE, EASTERN—GOVERNMENT OWNERSHIP

Is there a state capitalism in the European people's democracies? F. Pavlov. Ekon. Rad. Ukr. 9 no.3 68-90 Mr '66.

EUROPE, EASTERN—HISTORIOGRAPHY

Scholarly research of Kievskoye Slavyts in the field of the history of Slavic countries. V. V. Sukharev, G. I. Chernyavskii. Sov. slav. no.2 122-125 '66.

Studying the history of the Slavic countries outside the U. S. S. R. at the T. H. Shevchenko University in Kiev. A. K. Martynenko. Sov. slav. no.2 120-122 '66.

EUROPE, EASTERN—INDUSTRIAL MANAGEMENT

Specialization and cooperation of production are the basis of collaboration among the COMECON countries. D. Kononenko. Plan. khoz. 43 no.4 88-89 Ap '66.

EUROPE, EASTERN—LIBRARY SCIENCE

A conference of the officials in charge of the library science and methodology centers in the libraries of the European socialist countries. Bibliotekoved i bibli. za rob. no.17 82-85 '65.

EUROPE, EASTERN—RELATIONS (GENERAL) WITH WHITE RUSSIA

Scientific cooperation of the White Russian S. S. R. with the countries of the socialist commonwealth. M. S. Varabel. Vest. AN BSSR. Ser. hram. nav. no.1 42-51 '66.

EUROPE, EASTERN—RUSSIAN STUDIES

Problem of the "History of the Great October Socialist Revolution" has been discussed at a conference of the historians of the socialist countries. V. I. Millet. Ist. SSSR 10 no.1 232-234 Ja-F '66.

EUROPE, EASTERN—STONE IMPLEMENTS

History of laminar flintstones in Eastern Europe. L. A. Golubeva. Mat. i issl. po arkheol. SSSR no.130:257-260 '65.

EUROPE, EASTERN—TECHNOLOGICAL INNOVATIONS—FINANCE

Stimulation of technological progress in the European socialist countries. D. Butakov. Plan. khoz. 43 no.3 66-74 Mr '66.

EUROPE, EASTERN—TECHNOLOGY AND CIVILIZATION

Semenova, L. S. [The Comecon countries and the world scientific and technical revolution] Stany SEV i mirovaya nauchno-tekhnicheskaya revoliutsiya. Moskva, Znaniye, 1966 46 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya. Mezhdunarodnaya, no.9)

EUROPE, EASTERN—VETERINARY HYGIENE—CONGRESSES

8th session of the permanent working group of veterinarians, medicine of the Commission of Agriculture of the Mutual Economic Assistance Council. Veterinaria 12 no.1 114-115 Ja '66.

EUROPE, WESTERN—DESCRIPTION AND TRAVEL

[Arrival and departure on the same day, a travel sketch] Don' p'ezda, don' ot'ezda - odin den', putevoi ocherk. Moskva, Sovetskii pisatel', 1965. 177 p.

EUROPE, WESTERN—FOREIGN LABOR

Exploitation of foreign workers by the monopolies of Western Europe. M. Panov. Kommunist 12 no.3 112-122 F '66.

EUROPE, WESTERN—GOVERNMENT OWNERSHIP

Nationalization, monopolies, the laboring class. R. Evseiev. Sov. profsoyuz 22 no.6 41-43 Mi '66.

EUROPE, WESTERN—LABOR AND LABORING CLASSES

Nationalization, monopolies, the laboring class. R. Evseiev. Sov. profsoyuz 22 no.6 41-43 Mi '66.

EUROPE, WESTERN—PUBLIC HEALTH

Merchants of public health. M. Kasvinov. Okh. i zdr. i sots. g. i. khim. no.3 16-48 Mi '66.

EUROPE, WESTERN—PUBLIC OPINION

People who are right. Nov. viem. 23 no.17:3-4 Ap '66.

EUROPEAN COMMON MARKET see European Economic Community

EUROPEAN ECONOMIC COMMUNITY

Economic groupings. P. N. Suslin. BIKI [P. i. khoz.] no.2 57-62 Ap '66.

EUROPEAN FREE TRADE ASSOCIATION

Economic groupings. P. N. Suslin. BIKI [P. i. khoz.] no.2 57-62 Ap '66.

EUROPEAN WAR, 1914-1918 see subcategory under Turkey; Ukraine, Western

EUROPEAN WAR, 1914-1918—NAVAL OPERATIONS

Naval operations in ice-infested waters. A. I. Dubavich. Sudostroyeniye 56 no.2 76-79 F '65.

Signal service in the Russian Navy during the First World War. M. Zernov, N. Turkhin. Voen.-ist. zhur. 8 no.3: 100-111 Mr '66.

EUROPEAN WAR, 1914-1918—PRISONERS AND PRISONS, RUSSIAN

How the Ukrainian soviets defended the interests of prisoners of war, 1917. I. U. M. Hamrets'kyi. Ukr. ist. zhur. 10 no.2 100-105 F '66.

EUROPEAN COMPOUNDS

Spectrophotometric study of ascorbic complexes. Part 4: Europium - ascorbic acid system. K. P. Stollarov, I. A. Amantova. Vest. LGU 21 no.4 141-145 '66.

EUROPEAN ISOTOPES—DECAY

Gamma radiation from Eu¹⁵⁰ in the energy range of 600-2400 Kev. B. S. Dzhelepov and others. Izv. AN SSSR. Ser. fiz. 30 no.3 394-406 Mr '66.

EUROPEAN SULFATE—THERMAL PROPERTIES

Thermal stability of EuSO₄. I. U. S. Skifarenko, N. S. Stroganova, V. I. Ivanov. Zhur. neorg. khim. 10 no.10: 2200-2214 O '65.

EUTECTICS

Determining the composition and the crystallization temperature of a ternary eutectic-type alloy in the system gallium-indium-tin. N. P. Koroleva, A. G. Spasukh, B. A. Fomin. *T'svet met.* 39 no. 2, 81-85 F '68.

EVAPORATING APPLIANCES

Automatic control of the two-stage "Pochionik" vacuum apparatus. M. A. Butov, A. E. Syvchuk. *Maš. zhur.* 11 no. 1 31-31 Ja '65.

Heat transfer in the down flow in boiling pipes. I. M. Fedotkin, Khm. prom. no. 1-37-39 Ja-F '66.

Study of the operation of the evaporators of the K-200-130 block of the Lugan Stage Regional Electric Power Plant. I. S. Sterman, N. A. Morharov. *Teplotekhnika* 12 no. 12-15-18 D '65.

Unit indices and optimal parameters of multistage surfaceless evaporating units. A. V. Izvekov, A. I. Korotkiy. *Teplotekhnika* 13 no. 1 77-79 Ja '66.

EVAPORATION

Changes in entropy during evaporation and the structure of some fluids. K. P. Mishchenko and others. *Trudy LTTSP* no. 16 158-166 '65.

Effect of polar and nonpolar liquid admixtures on the retardation of evaporation by a monolayer of 1-hexadecanol. T. V. Kholmova, R. K. Pogostan. *Izv. AN Arm. SSR, Khim. nauk* 17 no. 5:587-590 '61.

Effect of the evaporation of residual water on the increase in the recovery factor of gas wells. Sh. S. Aslanov, T. I. Petushevskii. *Izv. vuz, neft. i gaz* 9 no. 1 13-16 '66.

Influence of pituitary alcohol admixtures on the rate of water evaporation through single layers of 1-hexadecanol. T. V. Kholmova, R. K. Pogostan, N. A. Azatlan. *Koll. zhur.* 28 no. 1 83-87 Ja-F '66.

EVAPORATION (METEOROLOGY)

(see also subdivision under White Russia)

Kinetics of the evaporation of moisture from a slit-type capillary-porous body. N. V. Churav. *Pochvovedenie* no. 3 45-54 Mr '68.

Loss of nitrogen due to the volatilization of soils in the Lenkora subtropics. G. M. Ogancov, S. Z. Ibragimov. *Agroklimat* no. 3:10-18 Mr '66.

Role of evaporation in the surface ablation of sea ice. V. A. Sychkin, Inform. bibl. Sov. antark. eksp. no. 55: 34-36 '65.

Some problems concerning methods of determining the evaporation of moisture from the soil surface. K. D. Kuchenko, P. I. Kollinsky. *Geol. zhur.* 29 no. 1 48-51 '65.

EVAPORATION CONTROL

Improve the evaporation control of petroleum products. K. I. Kirushkin. *Transp. i khim. nefi i nefteprod.* no. 1 21-25 '66.

EVENING AND CONTINUATION SCHOOLS

1966: Problems and prospects of the training of qualified workers. V. Belkin. *Prof. i tekhn. obr.* 23 no. 3-7-11 Mr '66.

Quality of knowledge is the most important problem. S. Breev. *Nar. obr.* no. 4:76-80 Ap '68.

EVENKI NATIONAL AREA—RADIOBROADCASTING

At the Arctic Circle. N. Nikolov. *Sov. pech.* no. 3: 41-44 '66.

EVIDENCE, CRIMINAL

Comparative evaluation of derivative real evidence and samples under Soviet criminal procedure. A. Vinberg. *Sots. zakon* 11 no. 3:20-23 Mr '66.

EVIDENCE, DOCUMENTARY

Greater exactness with regard to documents produced in the course of criminal investigation. N. Kolotov. *Sots. zakon* 13 no. 3:47 Mr '66.

EVIDENCE, EXPERT

Birth of an infant in the first months of life from an elevation. O. I. Ruban. *Sud.-med. ekspert.* 9 no. 1 43-44 Ja-Mr '66.

Significance of the examination of the place of the incident for solving the problem of the circumstances of self-infliction of combined injuries. S. A. Zhdanova, V. P. Aistov, V. M. Bilnov. *Sud.-med. ekspert.* 9 no. 1-42-43 Ja-Mr '66.

Sudden death during a motorcycle ride. A. V. Permlakov. *Sud.-med. ekspert.* 9 no. 1-45 Ja-Mr '66.

EVIDENCE, REAL

Comparative evaluation of derivative real evidence and samples under Soviet criminal procedure. A. Vinberg. *Sots. zakon.* 43 no. 3:20-23 Mr '66.

EVOLUTION

Studitskii, A. N. [The developing organism] *Strola-shchitsia organism.* Moskva, Izd-vo "Znanie," 1960, 61 p. (Novoe y zhidni, nauke, tekhnike, XII Seriya: Estestvoznaniye i religii, no. 3)

EXCAVATING MACHINERY

And they are only six. V. Maslov. *Sov. shakhi.* 15 no. 2 6 F '66.

Construction and operational effectiveness of bucket excavators. I. A. Nedozov and others. *Izv. SO AN SSSR no. 10 Ser. tekhn. nauk* no. 3 142-119 '61.

Design of a modernized bucket excavator for mining phosphorites. R. M. Sazonov, A. I. Utkin, V. G. Teletov. *Gor., stroi i dor. mash.* no. 2 116-127 '65.

Electrical loads and unit expenditures on electric energy in the excavating machinery of open-pit mines. S. A. Volokovskii and others. *Prom. energ.* 21 no. 3:23-24 Mr '66.

Improving a without-haulage mining method at the Raichikhinsk lignite deposits. A. P. Gidudev. *Ugol'* 41 no. 2-21-23 F '66.

Improving the system of stripping operations without haulage. V. Kh. Chetovkin, I. G. Gurchik, N. P. Shaiyapov. *Geol. zhur.* no. 3:70-72 Mr '66.

Pressure distribution in the area of the wear of excavator bucket teeth. G. I. Ailpov. *Gor., stroi i dor. mash.* no. 2:128-133 '65.

Shrage as it may seem, it works. I. Maslov. *Izobr. i izm.* no. 2:16 '66.

Ways of improving the capacity of rotary trench excavators with diesel-electric drive. I. A. Labun, K. L. Bogdanov. *Stroitelstvo* no. 12 15-16 D '65.

EXCAVATING MACHINERY—ATTACHMENTS

Investigating exchangeable telescopic loading attachment for bucket excavators. R. I. Volkovskii and others. *Gor., stroi i dor. mash.* no. 2 28-38 '65.

EXCAVATING MACHINERY—COLD WEATHER OPERATIONS

Operation of a multibucket excavator in winter conditions. A. M. Varshavskii and others. *Izv. vuz. neft. i gaz.* 9 no. 1:85-88 '62.

EXCAVATING MACHINERY—DESIGN AND CONSTRUCTION

Comprehensive mechanization in the manufacture of revolving frames for excavators. N. I. Ruzhikov, G. A. Klunuk. *Svar. prozv.* no. 3:21-23 Mr '66.

Determining rated values of specific resistances to cutting in developing a parametric series of wheel-type excavators. V. M. Vladimirov. *Gor., stroi i dor. mash.* no. 2:12-27 '65.

For a uniform terminology in using rotary bucket excavators in mining. K. E. Vinkskii and others. *Geol. zhur.* no. 3:22-25 Mr '66.

EXCAVATING MACHINERY—MATHEMATICAL MODELS

Mathematical description of operating conditions of a rotary bucket excavator. M. I. Frenkel', A. A. Prashchinskii. *Ugol' Ukr.* no. 3:29-30 Mr '66.

EXCAVATING MACHINERY—PARTS

Methods and results of the studies on the wear of open-pit excavator parts. F. K. Grossov, L. F. Gerasov. *Geol. zhur.* no. 3:44-47 Mr '66.

EXCAVATING MACHINERY—TESTING

Determining the pressure on soil under the skis of walking-rail drive of excavating machines. E. T. Kolesnikov, A. V. Rusakov. *Gor., stroi i dor. mash.* no. 2:100-109 '65.

Investigating the process of bucket unloading of the ERG-1600 wheel-type excavator. V. K. Trofimov. *Gor., stroi i dor. mash.* no. 2:37-45 '65.

EXCAVATIONS (ARCHAEOLOGY)

(see also subdivision under Armenia; Azov District; Chuvashia, Lipetsk Province, Moldavia)
New studies of the monuments of the Fatyanovo cultural type. D. A. Krainov. *Mat. i issl. po arkheol. SSSR* no. 139:115-118 '65.

EXCHANGES, LITERARY AND SCIENTIFIC

Participation of the V. I. Lenin Library of the U. S. S. R. in the international exchange of publications. B. P. Kabanovskii. *Trudy Gos. bibl. SSSR* 9:63-74 '66.

EXCITATION (PHYSIOLOGY)

Discharges of single neurons and direct responses of the somatosensory cortex in kittens. T. D. Dzharishvili. *Fiziol. zhur.* 52 no. 3:221-227 Mr '66.

Electrophysiological characteristics of afferent and efferent impulses in vegetative nerves under conditions of a chronic experiment. A. D. Nodrachov. *Fiziol. zhur.* 52 no. 1:16-38 Ja '66.

Evoked potentials of the cerebral cortex in cats following stimulation of the oculomotor nerves and the ophthalmic branches of the trigeminal nerve. D. P. Matiuskin, N. V. Shipova. *Fiziol. zhur.* 52 no. 3:238-242 Mr '66.

Mechanism of prolonged contralateral effects in the spinal cord following solitary stimulations. V. I. Saf'iants. *Fiziol. zhur.* 52 no. 1:31-39 Ja '66.

Responses of solitary mechanoreceptors to the onset and cessation of stimuli. O. B. Il'inski. *Fiziol. zhur.* 52 no. 1 99-107 Ja '66.

Vasomotor effects originating in response to the stimulation of sympathetic fibers with volleys of differently shaped impulses. I. M. Rodionov. *Fiziol. zhur.* 52 no. 3:265-272 Mr '66.

EXCITON THEORY

Kinetics of excitons and holes in cuprous oxide crystals. I. V. Lebedev, P. P. Pavinskii. *Vest. LGU* 21 no. 4: 28-33 '66.

EXECUTIONS (LAW)

Studying the problems relating to the execution of sentences. E. A. Matvienko. *Sov. gos. i pravo* no. 9 95-97 S '59.

EXECUTIVE POWER

Relation between the standing committees of the chambers of the Supreme Soviet of the U. S. S. R. and the Presidium of the Supreme Soviet of the U. S. S. R. and the Council of Ministers of the U. S. S. R. O. E. Kutafin. *Sov. gos. i pravo* 36 no. 4 32-10 Ap '66.

EXECUTIVES

Legal responsibility of a higher organ in the province of administration-management relations. V. K. Mamutov. *Sov. gos. i pravo* 36 no. 3:44-52 Mi '66.

EXHAUSTION see Fatigue

EXISTENTIALISM

Are the poor in spirit really blessed? A. Chakovskii. *Kommunist* 12 no. 4:80-80 Mr '66.

EXPANSION (HEAT)

Thermal expansion of certain transition metal sulfides. E. M. Dudnik, V. Kh. Oganezan. *Priroda* no. 6 no. 2: 60-62 F '66.

EXPERIMENTAL ONCOLOGY see Oncology, Experimental

EXPERIMENTAL SURGERY see Surgery, Experimental

EXPERT EVIDENCE see Evidence, Expert

EXPLOSIONS

Effect of an explosion on a substance. Dynamic compression of potassium nitrate. S. S. Batzhanov and others. *Fiz. gor. i vryva* no. 4 78-82 '65.

Experimental amplitude characteristics of explosions. I. I. Gulyaev, V. B. Levin, L. V. Molodova. *Izv. AN SSSR, Fiz. zem.* no. 3 33-13 '66.

Experimental determination of explosion loads on underground engineering structures in soft soils. L. I. Koshelev, N. N. Popov, P. I. Kartsev. *Fiz. gor. i vryva* no. 1 71-77 '65.

Relation between the intensity of seismic transients and the size of an explosive charge. V. F. Afonin. *Gosfiz. shor.* no. 3:107-110 '65.

EXPLOSIVE FORMING

Explosion hardening of G13L steel. R. Z. Kais and others. *Vest. mashinst.* 18 no. 3:87-89 Mr '66.

Measuring the displacement of a billet caused by explosive forming. A. I. Lopatin. *Samoletost.* i tekhn. vozd. flota no. 2:90-97 '66.

EXPLOSIVES

Limits for firing gaseous combustible mixtures by heated bodies. T. A. Ponzuk, A. I. Rozlovskii. *Fiz. gor. i vryva* no. 1:10-10 '66.

EXPLOSIVES—TESTING

Results of comparative studies of the "hairpile" No. 1 and FZB-20 ammonite in the mines of the "Kizilugol" Combine. S. A. Pukov, V. G. Zil'berhal'dt, L. N. Bavin. *Ugol'* 41 no. 3:67-68 Mi '66.

EXTRACTION (CHEMISTRY)

Akademiya nauk SSSR, Institut geokhimi i analiticheskoi khimii. [Chemical principles of the extraction method for the separation of elements] *Khimicheskie osnovy ekstraktsionnogo metoda razdeleniya elementov.* Moskva, Nauka, 1966. 130 p.

Anabasine extraction from aqueous solutions with organic solvents at various pH. S. I. Baik. *Farmatsevt. zhur.* 20 no. 4:81-85 '65.

Determination of the interphase surface in a continuous mechanical mixer for liquid-liquid systems. S. Z. Kagan, I. N. Kovalev. *Khim. prom.* 42 no. 3:162-169 Mr '66.

Effect of diluents on the extraction of sulfuric acid, uranium (IV) and (VI) sulfates by N-decylamine. O. E. Zviaginsev and others. *Zhur. neorg. khim.* 11 no. 3: 661-665 Mr '66.

Extraction of molybdenum complex compounds with thio-glycolic acid in the presence of diphenylguanidium cations by means of binary solvent mixtures. G. P. Rudzik, M. I. A. Dzhanirbek, A. I. Busev. *Zhur. anal. khim.* 21 no. 2:176-181 '66.

Extraction of theobalme with organic solvents depending on the pH of the medium. Z. S. Rokach. *Farmatsevt. zhur.* 20 no. 4:55-58 '65.

- EXTRACTION (CHEMISTRY) (Continued)**
Extraction of volatile phosphorus from soil as related to the time of extraction, temperature and the form of reagents. P. G. Grabaron, M. D. Zubrilina. Izv. AN Kazakh SSR biol. nauk 4 no. 15-21 Ja-I '66.
- Separation of lithium and sodium chlorides by the extraction method. E. M. Kuznetsov, G. M. Panchenkov, N. A. Kresova. Zhur. fiz. khim. 40 no. 3 688-691 Mr '66.
- EXTRACTION APPARATUS**
Device for observing and photographing hydrodynamic processes in a transparent rotating rotor. I. G. Bezpalo, L. V. Plishtova, T. M. Chuzhatina. Khim. i mashinost. no. 18-9 Ja '66.
- Effect of pulsations and vibrations on the performance of extraction apparatus when purifying lubricants by phenols. M. Z. Maksimenko, A. I. Galeev. Neft' i neftekhim. no. 149-51 '66.
- EXTRACTION APPARATUS—HYDRODYNAMICS**
Studying the hydrodynamics and mass transfer in extractors with vibrating plates. V. Z. Jakstrenko, A. F. Galeev, A. I. Gur'yanov. Khim. i tekhn. topl. masel 11 no. 116-19 Ap '66.
- EXTRACTS**
Microelements Mn, Fe, Cu, and Al in aqueous extracts of vitamin-rich medicinal plants. V. I. Ischenko, V. K. Isachenko. Apt. deto 15 no. 147-52 Ja-F '66.
- EXTRAORDINARY REMEDIES**
Working methods, proved to be correct, should be better utilized. V. Shubin. Sov. iust. 30 no. 521-22 Mr '66.
- EXTRAORDINARY REMEDIES—CASES**
Judicial decisions on procuratorial supervision. Sots. zakon 43 no. 3 86-90 Mr '66.
- EXTRAUTERINE PREGNANCY** see Pregnancy, Extrauterine
- EXTREMITIES (ANATOMY)**
Changes in the organism during experimental regional perfusion in the extremities. A. O. Levin, A. G. Vinogradov. Eksp. khir. i anesl. no. 4 54-58 '65.
- EXTREMITIES (ANATOMY)—BLOOD SUPPLY**
Effect of adrenaline and noradrenaline on the peripheral resistance of vessels of the hind leg. O. P. Stolan. Fiziol. zhur. [Ukr.] 12 no. 134-40 Ja-F '66.
- EXTREMITIES (ANATOMY)—FRACTURES**
Radioautographic indices of the distribution of calcium isotopes (Ca^{45}) in the tubular bones of dogs during the healing of fractures. A. D. Belov. Trudy Mosk. vet. akad. 22 no. 2 47-54 '58.
- Radioautographic indices of the distribution of phosphorus isotopes in areas of tubular bone fractures in animals. A. D. Belov. Trudy Mosk. vet. akad. 18 no. 2 pt. 1 130-135 '57.
- EXTREMITIES (ANATOMY)—SURGERY**
Current aspects of the diagnosis and surgical treatment of extensive hemangiomas of the extremities. N. I. Kravovskii, V. A. Taranovich. Eksp. khir. i anesl. no. 4 62-67 '65.
- EXTREMITIES (ANATOMY)—TRANSPLANTATION**
Changes in the nervous system following extremity re-plantation accompanied by complications, an experimental morphologic study. S. K. Lapin, V. V. Shuvaev. Eksp. khir. i anesl. no. 4 59-62 '65.
- EXTREMITIES (ANATOMY)—TUMORS**
Current aspects of the diagnosis and surgical treatment of extensive hemangiomas of the extremities. N. I. Kravovskii, V. A. Taranovich. Eksp. khir. i anesl. no. 4 62-67 '65.
- EXTREMITIES, LOWER—WOUNDS AND INJURIES**
Combination of injuries of the pelvis and the lower extremities. V. M. Tsodyks, Ortop., travm. i protez. 27 no. 2 12-15 F '66.
- EXTREMITIES, UPPER—DISEASES**
Clinical and X-ray characteristics of changes in the upper extremities in molders of precast reinforced concrete plants. L. I. Popova, E. N. Leksin, L. M. Kharcheva. Ortop., travm. i protez. 27 no. 3:40-44 Mr '66.
- EXTRUSION (METALS)**
Effect of structure on the strength of extruded rods of the VT3-1 alloy. L. A. Etagina, A. A. Gel'man. TSvet. met. 39 no. 178-83 Ja '66.
- Nonuniformity of wall thickness in pipe produced by extrusion on horizontal presses. V. V. Zholobov, K. A. Kriazhev. TSvet. met. 39 no. 2:69-71 F '66.
- Resistance to deformation of aluminum alloys in conditions of cold extrusion. L. Kh. Rastbarg, L. B. Vul'fovich, E. G. Tomashchik. TSvet. met. 39 no. 1:75-78 Ja '66.
- EXTRUSION (PLASTICS)**
Boundary effects in the extrusion of thermoplastics. S. I. Kiaz, I. F. Kanavets. Plast. massy no. 3 47-50 '66.
- EXTRUSION PROCESS**
Characteristics of the behavior of pure oxides during hot extrusion. R. L. Pevzner, F. A. Kharitonov. Ogneprov. 31 no. 2:38-42 '66.
- EXUDATION (BOTANY)**
Role of root excretions in phosphorus nutrition of corn, forage beans, and soybeans in mixed growing. P. A. Vlasov, M. A. Sadullayev. Agrokhamia no. 3:17-26 Mr '66.
- EYE—DISEASES AND DEFECTS**
T. On, E. Zh. [Eye and neurosurgical pathology] Glaz i neirokhirurgicheskaia patologiya. [Leningrad] Meditsina, 1966. 489 p. (DNL)
- EYE—MOVEMENTS**
Possible mechanisms of the oculomotor apparatus control. A. A. Petrov, V. G. Sragovich, B. G. Sushkov. Dokl. AN SSSR 166 no. 3 1226-1229 F '66.
- EYE—TUMORS**
Reactive changes in the epithelium of the eyelid. V. A. Vasil'eva. Akh. anat., gist. i embi. 50 no. 1:54-58 Ja '66.
- FAÇADES—FINISHING**
Practices in automating finishing operations in the repair and maintenance of building façades. A. B. Urevich, G. A. Sedukha, V. A. Snitko. Nauch. trudy AKKII no. 31 Zhil. khoz. no. 3 179-184 '64.
- FACE—CANCER**
Radiation loads in the organs and tissues of the head in small focus skin distance X-ray treatment of cancer of the facial skin. L. V. Novikova, B. A. Konnov. Med. rad. 11 no. 2 62-70 F '66.
- FACE—INNERVATION**
Affluent connections of the geniculate ganglion of the facial nerve. N. N. Ljubimov, I. M. Bobkova. Zhur. nevro. i psikh. 68 no. 3:402-408 '66.
- FACE—WOUNDS AND INJURIES**
Treatment of patients with maxillofacial traumas. A. V. Kolodkin. Voen.-med. zhur. no. 2 82-84 F '66.
- FACTORIES** see subdivision under Moscow
- FACTORIES—AIR CONDITIONING**
Adiabatic air cooling in confectionery factories. A. N. Kulikov, Khleb. i kond. prom. 10 no. 3:23-25 Mr '66.
- Moderatization of self-contained and room air-conditioner units for use in precision assembly shops. P. I. Morozov, N. A. Barulina. Khol. tekhn. 43 no. 3:43-46 Mr '66.
- FACTORIES—FIRES AND FIRE PREVENTION**
(see also subdivision under Novosibirsk)
Design and construction of water supply systems. K. Piven. Pozh. delo no. 1:30 Ja '66.
- FADEEV, ANATOLII VSEVOLODOVICH, 1908-1965**
A. V. Fadeev, an obituary. Vop. ist. 41 no. 4 218 Ap '66.
- FADEEV, NIKOLAI NIKOLAEVICH, 1894-1932**
Nikolai Nikolaevich Fadeev, 1894-1932. E. I. Iukin, Gidrobiol. zhur. 2 no. 1:67-70 '66.
- FAIRS**
Legal nature and specific aspects of contracts entered into at trade fairs. S. P. Kolomatskaia. Sov. gov. i pravo 36 no. 3 53-59 Mr '66.
- Soviet Union at the International fairs in 1965. M. A. Shvarts. Vest. mashinost. 46 no. 2:86-87 F '66.
- FAIRY PLAYS**
Longing for wonder. A. Chernova. Teatr. 27 no. 2:44-50 F '66.
- FAL'KEVICH, ALEKSANDR SEMENOVICH, d. 1866**
Aleksandr Semenovich Fal'kevich; and obituary. Avtom. av. 10 no. 2:82 F '66.
- FALL** see Autumn
- FAMILY**
Bol'shakova, S. V., and L. M. Ivanova. [At home, in the family] Doma, v sem'e. Moskva, Gos. izd-vo polit. lit-ry, 1960. 62 p. (Vremia i ljudi) (NBC)
- Chekalin, V. I. [Love and the family] Lyubov' i sem'ya. Izd. 2. Moskva, Politizdat, 1966. 295 p.
- FAMILY—RELIGIOUS LIFE**
Tymkiw, Athanasius. [Christ in the family] Khrystos u rodynt. Toronto. Vyd-vo OO. Vasyillian, 1955. 30 p.
- FANS (MACHINERY)**
The case of the operational efficiency of fans. A. D. Byuk. Izv. vuz. uch. i. zav. i. nauch. 9 no. 3 69-73 Mr '66.
- Introducing a new technology for manufacturing fans. S. K. Devjatkov. Bial. tekhn. i ekon. inform. Gos. nauch. i. issl. inst. nauch. i. tekhn. inform. 19 no. 1:10-11 Ja '66.
- FAR EAST—CLIMATE**
Changes in the climate of the Far East. B. A. Shilovskii. Zap. Pribor. fil. Geog. ob-va SSSR no. 1:118-121 '65.
- FAR EAST—DISCOVERY AND EXPLORATION**
Shippey Gek. N. A. Bol'shenko. Zap. Pribor. fil. Geog. ob-va SSSR no. 1:13-50 '65.
- FAR EAST—PETROLEUM—CONGRESSIES**
From a visit to Japan. M. G. Izv. vuz. uch. i. zav. i. nauch. i. issl. 9 no. 1 100-101 '66.
- FAR EAST—POLITICS**
New documents on problems of the East in V. I. Lenin's "Complete works." A. K. Antanova, M. T. Ash. Nar. Az. i. Lit. no. 2:158-161 '66.
- FAR EAST—TIGERS**
Amur tiger (Felis tigris longipilis) as a relict of the Far Eastern fauna. K. G. Abul'manov. Zap. Pribor. fil. Geog. ob-va SSSR no. 1:100-112 '66.
- FAR EAST, SOVIET** see Soviet Far East
- FARM BUILDINGS**
Construction of veterinary sanitary installations on livestock farms. A. K. Gudzin, K. P. Andreev. Veter. i. nauch. 42 no. 1:82-87 Ja '66.
- FARM BUILDINGS—FIRES AND FIRE PREVENTION**
Obstacles to fire prevention. V. Shebeko. Pozh. delo no. 1:30 Ja '66.
- FARM BUILDINGS—HEATING AND VENTILATION**
Insulating the air in livestock premises. N. M. Komarov, K. P. Semenov. Vest. sel'khoz. nauki 12 no. 3:92-97 Mr '66.
- FARM BUILDINGS—LIGHTING**
Natural lighting of livestock buildings. N. M. Komarov, A. T. Semenov. Veter. i. nauch. 42 no. 1:87-90 Ja '66.
- FARM MANAGEMENT**
(see also subdivision under Sol'tay District)
Distribution and specialization of agriculture in the non-Chernozem zone. K. P. Obolonskii. Vest. sel'khoz. nauki 12 no. 3 4-10 Mr '66.
- Improving the working methods of an agronomist. V. I. Markitanov. Zemledelo 28 no. 2:41-46 F '66.
- Network planning and controlling the work of tractor-drawn machinery units. V. V. Varnavskii. Tekhn. i. sel'khoz. 20 no. 3:50-52 Mr '66.
- Organize production on a scientific basis. J. Slinkovskii. Tekhn. i. sel'khoz. 26 no. 1:5-6 Ja '66.
- Rights and obligations of specialized personnel. V. K. Ilygin. Zemledelo 28 no. 2:42-43 F '66.
- Strengthen the rule of law in farm management. A. Davydov. Sov. iust. 30 no. 6:14 Mr '66.
- FARM MECHANIZATION**
(see also subdivision under Kazakhstan; Transcha District)
Complex of machines for farms using loose keeping of cattle. A. M. Mand. Tekhn. i. sel'khoz. 26 no. 1:23-28 Ja '66.
- The supply of technical equipment for agriculture has increased. A. A. Ezhovskii. Kommunist 42 no. 1:60-71 Mr '66.
- FARM MECHANIZATION—SAFETY MEASURES**
Safety measures during the training work on tractors. A. I. Kaloshin. Shkola i. pol'z. 9 no. 3 15-18 Mr '65.
- FARM MECHANIZATION—STUDY AND TEACHING**
Answering the questions of rural school workers. F. A. Abrosimova. Shkola i. pol'z. 9 no. 3:80-82 Mr '65.
- Drawing the material from life. E. M. Morgun. Vest. vuz. shkoly 24 no. 2:82-83 F '66.
- The Komsomol of Kazakhstan in the struggle for the mass education of machinery operators. A. G. Kukulekina. Vop. ist. KP Kazakh. no. 2:90-104 '64.
- FARM PROCUREMENT**
Estrina, A. M. [Trade relations between collective farms and industry] Torgovyie svyazi kollektivnykh i. promyshlennost'iu. Moskva, Ekonomika, 1965. 106 p.
- FARM PRODUCE**
For light links of industries with agriculture. B. F. Sviridov. Kons. i. ov. prom. 21 no. 3:6-8 Mr '66.
- Improve the relationship between supplier and consumer. M. G. Magomedkhanov. Kons. i. ov. prom. 21 no. 4:4-9 Ap '66.

FARM PRODUCE—MARKETING
(see also subdivision under Leningrad Province)
Regulation of farm produce deliveries. L. N. Bakhovkina. Sov. gos. i pravo 36 no. 1 60-66 M. 1 '66.

FARM PRODUCE—PRESERVATION
Session of the Academy of Sciences of the U.S.S.R. on the "Physiological and biochemical fundamentals of field crop preservation. I. I. Varentsov, Konef. ov. prom. 21 no. 4 44-17 Ap '66.

FARM PRODUCE—QUALITY CONTROL see subdivision under Moldavia

FARM PRODUCE—TRANSPORTATION see subdivision under Novyy Bug District

FASTENINGS
Some characteristics of the manufacture of woven interlocking tape fasteners. V. A. Ryman. Leh. prom. no. 1 46-49 Ja-F '66.

FASTENINGS—STANDARDS
Standard fastenings should be inexpensive and of high quality. M. A. Matiyova. Stroi. i tekhn. 29 no. 12; 38-39 D '65.

FASTING
Intensity of the restoration of proteins-enzymes in rabbits with thyrotoxicosis, anemia, and during recovery after starvation. M. K. Lytvynchuk, Ukr. biokhim. zhurn. 38 no. 1:14-17 '66.

FAT TISSUE see Adipose tissues

FATIGUE
Histochemical changes in the myocardium in acute and progressive fatigue. R. V. Kapanadze. Soob. AN Gruz. SSR 41 no. 1:207-213 Ja '66.

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY) see subdivision under Azov Sea region; Black Sea Depression; Black Sea region; Dnieper-Donets Lowland, Okhotsk Sea region; Russian Platform; Turkmenistan, Ural Mountains

FEDERAL GOVERNMENT
Various trends in the development of the federal system in foreign countries. B. S. Kiylov. Sov. gos. i pravo no. 9:62-71 S '60.

FEDOROV, VLADIMIR DMITRIYEVICH
In the enemy rear. V. Nikolaev. Sov. voyn. 47 no. 19:6-7 O '65.

FEDOSEEV, KIRILL ANTONOVICH, 1905-1965
Kirill Antonovich Fedoseev; obituary. Nukh. uch. et. no. 2:68 F '66.

FEDOTOV, VLADIMIR GRIGOR'EVICH
Fedotov, Fedotov's son. B. Velitsyn. Sov. voyn. 47 no. 19:44 O '65.

FEED INDUSTRY
Gavrilchenko, D. N. [Organization of basic production at enterprises of the flour milling, grain, and mixed feed industry] Organizatsiya osnovnogo proizvodstva na predpriyatiakh mukoimol'nol, krupianol i kombinovnoy promyshlennosti. Moskva, TSentr. in-t nauchno-tekhn. informatsii i tekhniko-ekon. issledovaniy, 1964, 53 p. (Seriya "Mukomol'naya, krupianaya i kombinovnaya promyshlennost", no. 2)
[MICROFILM]

FEED INDUSTRY—MANAGEMENT
Improve the production and quality of mixed feeds. P. Mlonchinskii, Zakup. sel'khoz. prod. no. 7:10-21 Ji '65.

FEED MECHANISMS
A comparative study on various charge feed systems in ferroalloy plants. A. A. Trolov. Stal' 26 no. 2:140-142 F '66.
Electromagnetic feed bunker. S. A. Vorob'ev, V. A. Rokshevsii, G. A. Svetoshev. Mashinostroi. no. 3; 14 Mr '66.
Investigating the rigidity of the feed box of a lathe with a plastic body. I. U. S. Fedorov. Izv. vys. ucheb. zav. i mashinostroi. no. 12:141-144 '65.
Tune-up of a DT-200 feeder for moist coal. V. B. Popov. Energ. stroi. no. 44:21-22 '64.
Unit for automatic lacquer feeding to the lacquering machine. V. P. Kovtun, A. L. Mikhailichenko, P. P. Kovtun. Kons. i ov. prom. 21 no. 3:24-26 Mr '66.
Using a torsion-type electric vibrating feeder at a sintering plant. D. P. Pritykin and others. Metallurgy 11 no. 2:12 F '66.

FEED MECHANISMS—ELECTRIC DRIVING
Thyristor electric drives of feed mechanisms of heavy boring and turning lathes. A. M. Lebedev, V. A. Naidis, R. T. Orlova. Stan. i instr. 37 no. 2:13-15 F '66.

FEED MILLS—DESIGN AND CONSTRUCTION see subdivision under Novomoskovsk (Tula Province)

FEEDING see subdivision under Miusinsk District

FEEDING—EQUIPMENT AND SUPPLIES
RKS-3000 feed distributor. V. Maniakin. Tekh. v sel'khoz. 26 no. 1:42-43 Ja '66.

FEEDS
Increasing the production capacity in the feed manufacturing stations of sugar factories. I. U. P. Lebedyuk'yi, I. U. M. Ushakovskiy. Khar. prom. no. 1:56-58 Ja-F '66.
Kashirina, V. M., A. N. Bogatyrev, and I. U. Sh. Slunimskher. [Status of and prospects for the development of the production of dry animal feeds] Sostoiannie i perspektivy razvitiya sukhikh zhivotnykh kormov, Moskva, TsINTPishchepon, 1965, 78 p.
Measures for the development of field feed production and meadow-pasture management in the non-Chernozem zone. A. I. Tutunnikov. Vest. sel'khoz. nauk i 11 no. 3: 51-54 M. '66.
Sodium and potassium in rations for young animals. V. A. Gortunov. Vest. sel'khoz. nauk i 10 no. 7:93-95 Ji '65.
Utilization of Black Sea Phytophthora for the production of feeds. A. N. Holovyn, N. M. Boldyk, M. O. Ityashyn. Khar. prom. no. 1:24-29 Ja-F '66.

FEEDS—STANDARDS
[Mineral and bacterial fertilizers, mineral feeds and trace elements; collection of state standards and technical specifications] Mineral'nye i bakterial'nye udobreniya, mineral'nye korma i mikroelementy, sbornik gosudarstvennykh standartov i tekhnicheskikh ustoy. Izd. ofitseta'noe, Moskva, Izd-vo Standartov, 1965, 493 p.

FEEDS—STORAGE
Preservation of granulated mixed feeds during transportation and bulk storage. V. Popov, A. Edel'man. Mikh. i elev. prom. 32 no. 2:25-26 F '66.

FEEDS—TRANSPORTATION
Preservation of granulated mixed feeds during transportation and bulk storage. V. Popov, A. Edel'man. Mikh. i elev. prom. 32 no. 2:25-26 F '66.

FEEDWATER
Optimal distribution of the regenerative heating of the feedwater of a steam turbine system. A. M. Kuznetsov. Teploenergetika 12 no. 12:65-69 D '65.

FEEDWATER PURIFICATION
Chemical treatment of water and chemical control in block-type electric power plants. Teploenergetika 13 no. 1:90-93 Ja '66.
Establishment of water cycles in large power blocks with once-through boilers. V. A. Kryzhanovskii and others. Teploenergetika 12 no. 12:32-38 D '65.
Golubtsov, V. A., ed. [Treatment of feedwater in thermal electric power plants] Obrabotka vody na teplovyykh elektrostantsiyakh. [By] A. I. Baulina i dr. Moskva, Energiya, 1966, 447 p.
Use of complexes and compositions on their basis in chemical water purification equipment of thermal power systems. T. Kh. Margulova. Teploenergetika 12 no. 12: 38-43 D '65.
Use of pneumatic equipment in systems for the automatic control of thermochimical processes. N. D. Lanin, S. A. Nikolaev. Teploenergetika 12 no. 12:26-32 D '66.

FELINSKAYA, NINA IGNAT'EVNA, 1906-
Nina Ignat'evna Felinskaya; on her 60th birthday. Zhurn. nov. i psikh. 66 no. 3:475-476 '66.

FEMUR—ABNORMALITIES AND DEFORMITIES
Valgus deformities of the femoral neck and caput femoris; experimental study. L. M. Nagibin, Ottop., travm. i protez., 27 no. 3:20-23 Mr '66.

FEMUR—BLOOD SUPPLY
Intraorgan blood vessels of the femoral bone periosteum in man. L. A. Deev. Arkh. anat., gist. i embr. 50 no. 1:9-13 Ja '66.

FEMUR—FRACTURE
Changes in the functional state of the thyroid gland in experimental fractures and immobilization. V. M. Gordenko. Klin. khir. no. 4:26-31 '65.
Indices of alkaline phosphatase in areas of fractures and serum in osteosynthesis of the femur. R. G. Mustakimov. Trudy Mosk. vet. akad. 10 no. 2 pt. 1:136-146 '67.

FENESTRA ROTUNDA
Interfenestral line on the skull of some mammals. Kh. Khadzhielilimovich. Arkh. anat., gist. i embr. 50 no. 1:58-62 Ja '66.

FERGANA—PARACHUTING
Records in the sky of Fergana. V. Morozov. Kryl. rod. 17 no. 3:4-6 Mr '66.

FERGANA—TEXTILE INDUSTRY—MANAGEMENT
There are 260 enterprises on the map. S. Erashkina. Ekon. i zhizn' 8 no. 1:62-83 Ja '66.

FERGANA DEPRESSION—ORGANIC MATTER
Lithogenic stages and disseminated matter in Jurassic continental sediments in the Fergana Depression (Arkt). O. G. Larina. Izv. vys. ucheb. zav., neft' i gaz 9 no. 1 19-21 '66.

FERGANA DEPRESSION—PETROGENESIS
Lithogenic stages and disseminated matter in Jurassic continental sediments in the Fergana Depression (Arkt). O. G. Larina. Izv. vys. ucheb. zav., neft' i gaz 9 no. 1 19-21 '66.

FERGANA PROVINCE—CITY PLANNING
Diagrams and text. V. Antonov. Ekon. i zhizn' 8 no. 2:86-87 F '66.

FERGANA PROVINCE—OIL WELL DRILLING
Practices in diamond drilling in fields of the Association of the Fergana Petroleum and Gas Industries. "A. N. Beldiev and others. Buente no. 2:15-18 '66.

FERGANA PROVINCE—OYSTERS, COSSIL
Some Paleogene oysters. O. S. Vialov. Paleont. abs. [L'vov] no. 2 pt. 1:5-13 '65.

FERGANA VALLEY—GEOLOGY, STRUCTURAL
Tectonic regionalization of the Fergana Depression. M. S. Saidalova, It. N. Ibragimov, T. Tadzhev. Uzb. geol. zhur. 10 no. 1:61-65 '66.

FERGANA VALLEY—LANDFORMS
Morphological characteristics of landforms of the Fergana Depression and their interpretation according to aerial photogeology. M. Kuz'yev. Vest. LGU 21 no. 2:135-143 '66.

FERMENTATION
Formation and fermentation of volatile fatty acids in thermophilic methane fermentation of alcoholic molasses waste. Z. A. Sarma. Prikl. biokhim. i mikrobiol. 2 no. 1:74-82 Ja-F '66.

FERRATES see Ferrites (Magnetic materials)

FERRICYANIDES
Chemical heat and entropy of hydration of a ferricyanide cation. A. A. Pevdin, M. S. Zakhar'yevskii, P. K. Leont'evskaya. Zhurn. ob. khim. 36 no. 3 397-401 Mr '66.

FERRITE
Regularities of the process of dissociation of ferrites having a spinel structure. I. V. Gordeev. Izv. AN SSSR, Neof. mat. 2 no. 2:281-283 F '66.

FERRITES (MAGNETIC MATERIALS)
Choice of a cavity resonator and the radius of a sphere in measuring the tensor susceptibility of ferrites. E. I. Rodenau, S. G. Mandake. Radioelektronika. II no. 4:684-692 Ap '66.
Effect of constant and alternating magnetizing fields on the rectangular hysteresis loop in Permalloy ferrites. L. I. Koskin, I. U. F. Strigun. Izv. vys. ucheb. zav., fiz. 9 no. 1:186-187 '66.
Magnetic properties of certain ferrites having garnet or spinel structure. V. F. Belov. Trudy MINKHGP no. 58:101-104 '65.

FERRITES (MAGNETIC MATERIALS)—HEAT TREATMENT
Effect of the hardening temperature on the magnetization intensity and cation distribution in superhigh-frequency ferrites on a magnesium base. D. L. Bartshevskii, F. I. Kolomoitsov, D. S. Stivsev. Izv. vys. ucheb. zav., fiz. 9 no. 1:171-179 '66.

FERRITES (MAGNETIC MATERIALS)—MAGNETIC PROPERTIES
Ferromagnetic resonance in monocrytal ferrites with garnet or spinel structure. L. A. Aliev. Trudy MINKHGP no. 56:140-142 '65.

FERROCENE
Basicity constants of ferrocene amines. A. N. Nesmelanov, V. I. Romanenko, V. A. Sazonova. Izv. AN SSSR, Ser. khim. no. 2:357-358 '66.
N-(α -ferrocenyl alkyl) pyridinium salts. A. N. Nesmelanov, E. G. Perevalova, M. D. Reshetova. Izv. AN SSSR, Ser. khim. no. 2:335-337 '66.

FERROCYNANIDES
Electromigration method for determining the constants of alkali metal ion association with a ferrocyanide ion. V. P. Shvedov, G. F. Nychugovskii, Radiokhimiya 8 no. 1:66-73 '66.
Electromigration method of determining the constants of association of alkaline earth ions with a ferrocyanide ion. G. F. Nychugovskii, V. P. Shvedov. Radiokhimiya 8 no. 1:118-120 '66.

FERROCYANIDES (Continued)

Ion exchange on ferricyanides deposited on a solid support. I. F. Karpov, E. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERROELECTRIC SUBSTANCES

Measurement of the ferroelectric substance. P. H. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERROELECTRIC SUBSTANCES—PIEZOELECTRIC PROPERTIES

Piezoelectric constants of polycrystalline ferroelectrics of the barium titanate type. M. M. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERROMAGNETIC RESONANCE

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERROMAGNETISM

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERROMANGANESE—METALLURGY

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERROSILICON—ELECTROMETALLURGY

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERROSILICON—METALLURGY

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZATION OF PLANTS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZER INDUSTRY—EQUIPMENT AND SUPPLIES

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZER INDUSTRY—HYGIENIC ASPECTS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZER SPREADERS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZERS AND MANURES

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZERS AND MANURES—ANALYSIS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZERS AND MANURES—COSTS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZERS AND MANURES—HANDLING

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZERS AND MANURES—PRICES

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZERS AND MANURES—STANDARDS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERTILIZERS AND MANURES—TRANSPORTATION

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FERULA

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FESENKO, NIKOLAI GRIGOR'EVICH, 1915-1965

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FETUS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FETUS—ABNORMALITIES AND DEFORMITIES

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FEUDALISM

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FEUILLETONS, GERMAN

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FEVER

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIBER GLASS BOATS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIBER GLASS REINFORCED PLASTICS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIBERS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIBRIN—THERAPEUTIC USE

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIBRINOGEN

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIBRINOLYSIS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIBROBLASTS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIBULA—ABNORMALITIES AND DEFORMITIES

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIELD CROPS

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIELD CROPS—FERTILIZERS AND MANURES

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIELD CROPS—IRRIGATION

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIELD EMISSION

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIELD MICE

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIELD THEORY

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIELDS, ALGEBRAIC

Measurement of the resonance in microcrystalline ferrites with a spinel or spinel structure. L. A. Kuznetsov, V. V. Kuznetsov. Vest LGU 21 no. 1 159-160 '66

FIELDS, ALGEBRAIC (Continued)

Transcendence of the values of certain η -functions
T. V. Vishikova, *Vest. Mosk. un. Ser. I. Mat., mekh.*
21 no. 2:55-61 Mar-Apr '66.

Zeros of Dedekind's zeta function, A. V. Sobolevskii,
Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 1:40-50 '66.

FIGHTER PLANES

Rotation conditions of a fighter plane at supersonic speeds,
V. Melnikov, *Aviatsion.* no. 4:56-57 Apr '66.

FILARET, Metropolitan of Moscow, d. 1633

An evening conference in memory of a Moscow metropolitan
A. Sh. Zhur, *Mosk. Patri.* no. 2:23-25 '66.

FILLERS (CHEMICAL TECHNOLOGY)

Effect of fillers on rubber autohesion and adhesion,
V. G. Ruvayli and others, *Kauch. i rez.* 25 no. 2
23-25 '66.

Effect of various fillers on the properties of coatings for
Jethel, V. I. Dunneev and others, *Kozh.-obuv. prom.*
8 no. 2:20-23 Feb '66.

Studying the rheological characteristics of pore fillers
for furniture as related to their machine application
N. M. Beazonova, N. B. Urt'ev, N. V. Mikhailov, *Dokl.*
prom. 15 no. 3:8-10 Mar '66.

FILMS (CHEMISTRY)

Connection between surface and volume conductance of
fresh fragments of mica crystals and the thickness of
adsorbed film, M. S. Melnik, V. D. Pereverzev, *Koll.*
zhur. 28 no. 1:99-104 Jan-Feb '66.

Quartz films on silicon, V. A. Astambekov, G. V. Smirnov,
Izv. AN SSSR, Neorg. met. 2 no. 2:217-222 Feb '66.

Using the electron microscope for studying the structure
of oxide electrically conducting films on glasses and other
insulation materials, N. M. Vafel'd, S. V. Ushkova,
Opt.-mezh. prom. 33 no. 3:11-14 Mar '66.

FILMSTRIPS

Methods of compiling an educational filmstrip, G. G.
Dzhodzhuva, *Sred. spets. obs.* 13 no. 2:19-21 Feb '66.

Organization of training using slides, V. M. Mikhailov,
Vest. protivovozd. obor. no. 10:34-37 Oct '65.

FILTER THEORY

Generalized discrete analog of the Zadeh-Ragazzini prob-
lem, P. Kovachik, *Avtom. i telemek.* no. 2:37-48 '66.

Nonreciprocal features of the structure of a matched filter
to changes in the form of a signal, I. S. Levin, *Trudy*
GPI 20 no. 2:59-62 '64.

Optimal reception of signals with nongaussian background
noise, R. L. Stratonovich, I. U. G. Sosulin, *Radiotekh. i*
elektron. 11 no. 4:579-591 Apr '66.

Spatial isotropic filtration of correlated background
noise, K. P. Kudashov, *Radiotekh. i elektron.* 11
no. 4:602-607 Apr '66.

Statistical description of the filtration of signals, I. U. I.
Alimov, *Avtom. i telemek.* no. 2:28-36 '66.

Study of the form of a pulse in a modulator with an
artificial line, S. I. Voznenov, G. V. Red'kin, *Radiotekh-
nika* 21 no. 3:51-56 Mar '66.

Synthesis of optimal filters for correlated noises, I. U. S.
Levin, *Trudy GPI* 20 no. 2:55-56 '64.

FILTERS AND FILTRATION

Application of the Kirchhoff-Zhukovskii method to
filtration problems, L. P. Klov, A. M. Mikushov,
Trudy LITISBP no. 17:278-284 '65.

Calculation of filtration strength of the dam foundations,
R. R. Chuganov, *Gidrotet. i strol.* 35 no. 2:31-37 Feb '65.

Limiting electrical parameters of electric filters, V. I.
Levitov, V. M. Tkachenko, *Izv. AN SSSR, Energ. i transp.*
no. 1:161-166 Jan-Feb '66.

Reducing the expenditure of fabrics for juice and sludge
filtration, P. S. Makymuk, *Khar. prom.* no. 1:21-22
Jan-Feb '66.

Serpentine alkali-resistant filters, M. A. Matvayev,
V. E. Zueva, *Zhur. prikl. khim.* 39 no. 2:289-293
Feb '65.

Simplified method of calculating the filtration of cellular
concrete dams, I. S. Ronzhin, *Gidrotet. i strol.* 36 no. 1
25-28 Jan '66.

FILTERS AND FILTRATION—TESTING

New method of hydraulic testing of vacuum filters,
P. S. Maksymuk, *Khar. prom.* no. 1:42 Jan-Feb '66.

FINANCE

(see also subdivision under Kalinin Province;
Minsk; Moscow)

Business accounting and material self-interest, A. Smir-
nov, *Sots. trud* 11 no. 3:127-136 Mar '66.

Business accounting of an enterprise under the new
conditions, A. Rogulin, *Dokl. kred.* 24 no. 2:48-51
Feb '66.

Current problems of improving financial and production
planning, P. Zhevitak, *Fin. SSSR* 40 no. 3:34-45
Mar '66.

Economics dictionary from A-Z, *Ekon. i zhizn'* 8 no. 2:
65-86 Feb '66.

In the interest of the people, *Fin. SSSR* 40 no. 3:3-6
Mar '66.

In the Ministry of Finance of the U. S. S. R, *Bukh. uch.*
no. 2:77-79 Feb '66.

In the Research Institute of Finance, *Fin. SSSR* 40 no. 3:
80-82 Mar '66.

Moscow, *Finansovyi institut*, [Criticism of modern
bourgeois theories of finance, money, and credit]
Kritika sovremennykh burzhuaznykh teorii finansov,
deneg i kredita [Leningrad] Finansy [1966] 264 p.

Savlychev, P. I. [Analysis of the financial condition of an
industrial enterprise] Analiz finansovogo polozheniya
promyshlennogo podpriyatiya, Moskva, Finansy,
1966, 113 p.

Zlobin, I. D. [Enterprises' payments to the budget]
Platizhni predpriyatiy v budzhet, Moskva, Znaniye,
1966, 45 p. (Novoe v zhizni, nauka, tekhnika III Se-
ria Ekonomika, no. 6)

FINANCE—CONGRESSES

Finances of imperialist states, R. Logvinat'ska, *Mir.*
ekon. i mezhdunar. otn. no. 3:136-138 '66.

FINANCIAL STATEMENTS

How to use the report of an industrial enterprise for the
analysis of its profit, M. Kokonina, *Vest. stat.* no. 3
31-65 '66.

FINGERS—FRACTURE

Treatment of malunited fractures of metacarpal bones
and finger phalanges, I. Matov, *Ortop., travm. i pro-
tez.* 27 no. 3:64-68 Mar '66.

FINISHES AND FINISHING

(see also subdivision under Caucasus, Northern)

Egorov, V. N. [Mechanization of finishing operations
in construction] Mekhanizatsiya otdelochnykh rabot v
stroitel'stve, [Belgorod] Belgorodskoe knizhnoe
izd-vo, 1964, 44 p.

[MICROFILM]

Grilikhes, V. A., and P. J. Shvets. [Manual for finishing
workers in housing construction combines] Pamiatka
otdelochnika domostroitel'nogo kombinata, Kiev,
Budivelnik, 1966, 100 p.

Machines and devices for finishing operations, Inform.
bulet VDNKh no. 6:13-14 Jun '64.
Our first helper, A. Shikhov, L. Kruglov, *Na stroit. Ros.*
7 no. 1:5-6 Jan '66.

FINLAND—LABOR AND LABORING CLASSES

Kuusinen, Otto Wilhelm. [Selected works, 1918-1961]
Izbrannyye proizvedeniya, 1918-1961, Moskva, Politiz-
dat, 1966, 686 p.

FINLAND—SCHOOLS—FURNITURE, EQUIPMENT, ETC.

Kindergarten interiors in Finland, I. U. Maksimov,
Dokl. vosp. 39 no. 3:75-79 Mar '66.

FIR

(see also subdivision under Udmurt A. S. S. R.)

Production and properties of Bjorkman lignite from
Siberian fir, D. D. Malsalva, G. P. Grigor'ev, *Trudy*
LITISBP no. 17:82-88 '65.

FIRE DEPARTMENTS see subdivision under Minsk

FIRE ENGINES

Power takeoff-type KOM-66 box, A. Mechev, *Pozh. delo*
no. 1:31 Jan '66.

FIRE EXTINCTION—CHEMICAL SYSTEMS

Pay more attention to carbon dioxide fire extinguishers,
P. Rata, *Pozh. delo* no. 1:27 Jan '66.

FIRE PREVENTION

Ammonia water, G. Gogitashvili, *Pozh. delo* no. 1:31-32
Jan '66.

At the threshold of a new five-year plan, *Pozh. delo*
no. 1:1-2 Jan '66.

Fire could have been avoided, M. Bobrovnikov, *Sov.*
potreb. koop. 10 no. 2:59-60 Feb '66.

Fire safety for gas burners used in drying plaster,
M. Bobrovnikov, *Zhuk. strol.* no. 2:20-30 '66.

Pay more attention to securing fire prevention in welding,
M. I. Bobrovnikov, *Svar. prolav.* no. 3:47-48 Mar '66.

FIRE PREVENTION—INSPECTION

From Kholmogory to Sakhalin, V. Neupokoev and others,
Pozh. delo no. 1:18-17 Jan '66.

FIRE PREVENTION—STUDY AND TEACHING

(see also subdivision under Tashkent; Tyumen'
Province; Ukraine; Uzbekistan)

Druz, I. A. [Giving fire-prevention instruction and
imparting the minimum technical requirements to
workers and employees] Protivopozharnyy instruktsiy
i tekhnicheskimi rabochimi i sluzhashchimi, 2, izd.,
Moskva, Stroiizdat, 1966, 72 p.

Encounters of propagandists, *Pozh. delo* no. 1:9-10 Jan
'66.

FIRE SPRINKLERS

Foam sprinkler system, A. Ivanov, *Pozh. delo* no. 1
26-27 Jan '66.

FIRE-TESTING

Types of information, *Pozh. delo* no. 1:29 Jan '66.

FIREBRICK

Effect of conditions and the method of pressing on the
quality of the product, V. M. Lvin and others, *Ogneu-
poizv.* 31 no. 3:24-25 '66.

Manufacture of unfired resin-dolomite-magnesite firebrick
and its service in 100-ton oxygen-blown converters,
A. A. Pliogov and others, *Ogneuproy.* 31 no. 2:15-18
'66.

Method of preparing the foam material for ultra-light-
weight refractories, M. A. Rabinovich, N. F. Eremkin,
Ogneuproy. 31 no. 3:13-16 '66.

FIREMEN see subdivision under Leningrad, Smolensk Province

FISH, CANNED

(see also subdivision under Kalpoda)

IV-A type automatic weight-controlling machine, V. A.
Shcherbakov, V. A. Piskunov, *Ryb. khoz.* 42 no. 2:62-
63 '66.

FISH, FROZEN

Apparatus for freezing fish, V. E. Turasov, *Ryb. khoz.*
40 no. 3:66-69 '61.

FISH, SMOKED

Revision of the technical plan of combined fish smoking
V. P. Frachkov, *Ryb. khoz.* 42 no. 2:67-69 '66.

Testing the ELRO-type fluidizer, A. N. Aksenova,
Ryb. khoz. 42 no. 2:61-67 '66.

FISH CULTURE see subdivision under Gorky Reservoir region

FISH CULTURE—EQUIPMENT AND SUPPLIES

New construction of dam board for incubation apparatus,
N. P. Usulov-Kostin, *Ryb. khoz.* 40 no. 8:19-20 '61.

FISH INTRODUCTION

Future development of fish acclimatization in an
country, V. S. Malutin, *Ryb. khoz.* 42 no. 2:12-14
'66.

FISH OIL

Economic effectiveness of a centrifugal oil filter, V. I.
Shcherban', *Ryb. khoz.* 40 no. 8:79-80 '61.

FISH POPULATIONS

Possible rate of population and total biomass growth in
Tilapia mossambica Peters, N. V. Mironova, *Dokl.*
AN SSSR 166 no. 4:968-969 Feb '66.

FISH PROCESSING PLANTS

Improvement in the design work of the fishing industry
E. P. Grinko, *Ryb. khoz.* 40 no. 8:3-5 '61.

FISH PROCESSING PLANTS—EQUIPMENT AND SUP- PLIES

IV-A type automatic weight-controlling machine, V. A.
Shcherbakov, V. A. Piskunov, *Ryb. khoz.* 42 no. 2:62-
63 '66.

Testing of a machine for social packing of Caspian
spat in blocks, K. D. Dekin, *Ryb. khoz.* 42 no. 2:66-
77 '66.

Testing the ELRO-type fluidizer, A. N. Aksenova,
Ryb. khoz. 42 no. 2:64-67 '66.

FISH PROCESSING PLANTS—SAFETY MEASURES

Improving labor protection and safety techniques, *Ryb.*
khaz. 42 no. 2:91 '66.

FISH TAGGING

Results of tagging pink salmon off the western shores
of the Kurup Island, V. N. Ivanov, *Ryb. khoz.* 42
no. 2:15-18 '66.

FISH TRADE see subdivision under Astrakhan Province

FISHERIES see subdivision under Baltic Sea; Baltic Sea region; Black Sea region; Gorky Reservoir; Gorky Reservoir region; Pechora Bay; Sakhalin

FISHERIES—ACCOUNTING

Business accounting and costs on vessels of the fishing
industry, I. U. L. Korotkov, *Ryb. khoz.* 42 no. 2:78-80
'66.

Organization of business accounting in fishery enterprises,
V. A. Topitskii, V. O. Zhuravkov, *Ryb. khoz.* 42
no. 2:80-82 '66.

FISHERIES—BIBLIOGRAPHY see Bibliography— Fisheries

FISHERIES—CONGRESSES

Conference on biological principles of the efficient utilization and reproduction of fish stock in the bodies of water of Central Asia and Kazakhstan. N. Z. Khusainova, Izv. AN Kazakh SSR Ser. biol. nauk. 1 no. 1:93-95 Jan '68.

FISHERIES—ECONOMIC ASPECTS

(see also subdivision under Black Sea region)

Resolutions of the Septen bel (1965) Plenum of the Central Committee of the Communist Party of the Soviet Union and the transition to economic planning methods in the fishing industry. V. M. Kamensky Ryb. khoz. 42 no. 2:12-4 '66.

FISHERIES—FINANCE see subdivision under Sakhalin

FISHERIES—RESEARCH

Rudnev, K. M., and N. F. Paili. [Oceanographic methods in fishery research] Okeanograficheskie metody v rybnopromyslovyykh issledovaniyakh. Kaliningrad, Atlanticheskii nauchno-issled. inst. rybnogo khoz. i okeanografii, 1964. 108 p. [MICROFILM]

Type of fishing boat used for research. N. A. Ivdeyev, Ryb. khoz. 40 no. 8:31-32 '64.

FISHERMEN

Description of uniforms for workers of the fishing fleet and fishing collectives, uniforms for lower commanding personnel and for rank and file. N. S. Gorkunov, Ryb. khoz. 40 no. 8:51-53 '64.

FISHERY PRODUCTS

Fish paste made from Azov Sea sprat. M. M. Shumylov, Khor. prom. no. 1:33-34 Jan-F '66.

FISHERY PRODUCTS—MICROBIOLOGY

Microbiological study as a method of evaluating the freshness of fish. I. U. A. Puidak, Trudy Mosk. vet. akad. 10 no. 2 pt. 1:99-103 '57.

FISHERY PRODUCTS—STORAGE

Preserving live mussels in temperatures above the freezing point. N. F. Moskalenko, Ryb. khoz. 42 no. 2:73-76 '66.

FISHERY PRODUCTS INSPECTION

Search for methods to determine the freshness of fish; a physicochemical examination. I. U. A. Puidak, Trudy Mosk. vet. akad. 10 no. 2 pt. 1:89-97 '57.

FISHES

(see also subdivision under Black Sea; Gorky Reservoir, Indian Ocean, Khasan, Lake)

Determination of the coefficient of fish form. V. A. Vetroshchagin, M. Kh. Mamedzade, O. A. TSumanov, Ryb. khoz. 40 no. 8:77-78 '64.

Form of the body of a fish. G. P. Ionnas, Ryb. khoz. 40 no. 8:74-76 '64.

FISHES—EGGS

Development of sexual glands in young humpback salmon during the river period of its life. G. M. Peisov, Mat. rybnokhoz. issl. Sev. bas. no. 5:128-135 '65.

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD see subdivision under Gorky Reservoir

FISHES—MIGRATION

Effect of hydrologic conditions on the spring migration of Norwegian herring in 1961. V. V. Penin, Mat. rybnokhoz. issl. Sev. bas. no. 5:75-79 '65.

FISHES—PARASITES see Parasites—Fishes

FISHES AS CARRIERS OF DISEASE

Distribution and epidemiology of diphylobothriasis in the regions of the Moldavian S. S. R. adjacent to the Prut River. V. S. Kuznetsova, N. M. Marits, Trudy Kish. gos. med. inst. 14:223-224 '61.

FISHING

Lopatin, N. B. [Sports fishing] Sportivnaya lovlin ryby. [Minsk, Belarus', 1965] 207 p.

Utilizing hydrometeorological data and prognoses. K. P. Vasil'ev, Ryb. khoz. 42 no. 2:51-52 '66.

FISHING—EQUIPMENT AND SUPPLIES

(see also subdivision under Japan)

Determination of the density of fish concentrations with the help of underwater devices. M. L. Zaferman, O. E. Shatoba, M. N. Shechelino, Mat. rybnokhoz. issl. Sev. bas. no. 5:137-141 '65.

Flashing signal lights for different types of fishing. I. U. I. Bykhovskii, Ryb. khoz. 42 no. 2:10-12 '66.

SHG-1 hydraulic net-shaking machine. M. B. TSyushinsk, O. P. Shakhov, Ryb. khoz. 42 no. 2:29-35 '66.

FISHING BOATS

Floating unit for gathering and transporting fish.

B. S. Malovanchuk, Ryb. khoz. 42 no. 2:23-25 '66.

Type of fishing boat used for research. N. A. Avdeev, Ryb. khoz. 40 no. 8:31-32 '64.

FISHING BOATS—EQUIPMENT AND SUPPLIES

Heat-insulating containers for fish storage on fishing vessels. N. I. Sukutov, P. P. Askovich, Ryb. khoz. 42 no. 2:55-61 '66.

Some problems of using hydraulic drive in fishing boats. S. S. Tashan, M. A. Gotsman, Ryb. khoz. 40 no. 8:34-37 '64.

FISHING BOATS—FUEL SUPPLY

Bunkering fishing boats at sea. V. Samarisev, Mor. flot. 26 no. 3:27-28 Mr '66.

FISHING BOATS—MAINTENANCE AND REPAIR

Norms of amortization for ships of the fishing fleet. A. V. Sorokin, Ryb. khoz. 40 no. 8:80-81 '64.

FISHING NETS

Formula for determining the cycles of cutting nettings in curvilinear forms. N. I. Alekseev, Ryb. khoz. 40 no. 8:14-15 '64.

FISSION PRODUCTS

Isolation of ^{140}Ba in a carrier-free pure radioisotope state from uranium fission products. B. Iot, B. V. Gromov, Radiokhimika 8 no. 1:84-88 '66.

Regularities in the formation of volatile chlorides of ^{97}Zr and $^{101,102}\text{Mo}$ in the interaction of fission fragments with vapors of chlorine-containing compounds. I. Zvara and others, Radiokhimika 8 no. 1:77-84 '66.

FISTULA, BRONCHIAL

Acquired nontumorous esophagotracheobronchial fistulas. T. I. Shraer, Khirurgiya 42 no. 3:40-45 Mr '66.

Prevention of bronchopleural fistulas following pulmonary resection. D. P. Chukhrienko, V. A. Bondarenko, Klin. khir. no. 6:12-14 '65.

FISTULA, ESOPHAGEAL

Acquired nontumorous esophagotracheobronchial fistulas. T. I. Shraer, Khirurgiya 42 no. 3:40-45 Mr '66.

FISTULA, GASTRIC

Method of gastrotomy. L. B. Zaitubovskii, R. S. Fenik, Vop. onk. 12 no. 3:93-94 '66.

FISTULA, INTESTINAL

Surgical treatment of intestinal fistulas. V. G. Mitrofanov, V. A. Akubovich, Khirurgiya 42 no. 3:65-69 Mr '66.

Tumor of the small intestine complicated by a fistula. P. L. Filippov, Kh. T. Khatkh. Vop. onk. 12 no. 3:98-100 '66.

FISTULA, TRACHEAL

Acquired nontumorous esophagotracheobronchial fistulas. T. I. Shraer, Khirurgiya 42 no. 3:40-45 Mr '66.

FISTULA, VESICOVAGINAL—INNERVATION

Morphological manifestation of the reactivity of the nervous apparatus in the marginal tissues and the surrounding zone of a vesicovaginal fistula. A. A. Nazarian, Azerb. med. zhur. 42 no. 11:30-34 N '65.

FLAME PHOTOMETRY

Content of sodium and potassium ions in the erythrocytes and urine in patients with cardiac asthma estimated by flame photometry. F. D. Mamedova, Azerb. med. zhur. 43 no. 2:10-15 F '66.

Determining strontium in the waters of oil and gas fields by the method of flame photometry. G. P. Aleksandrov, S. Kh. Sheremet'ev, E. I. Zakharenko, Geol. i geokhim. nef. i gaz. mestorozh. no. 3:140-144 '65.

Integrating flame photometer for the determination of Na and K content in single cells. A. B. Kaulin, TSitologiya 8 no. 1:130-133 Jan-F '66.

Methodology of determining potassium and sodium in biological body fluids by flame photometry. S. R. Salamonov, B. A. Agayev, Azerb. med. zhur. 43 no. 2:26-30 F '66.

Quantitative determination of analgin by flame photometry. M. T. Bubov, V. K. Lashchenko, Farmatsev. zhur. 20 no. 4:10-13 '65.

Use of flame photometry in the study of the activity of cations; determination of sodium ion concentration. V. M. Gretsht, Apt. delo 14 no. 3:10-25 My-Je '65.

FLAME PROJECTORS (AGRICULTURAL MACHINERY)

Possibility of the use of the flame method in controlling weeds for growing row crops. M. K. Agupov, Nauch. trudy SibVIM no. 2:248-261 '64.

FLANGES

Making flange blanks by bending hot bands. V. A. Annenkov, I. G. Pioshenko, Khim. i nef. mashinostr. no. 1:44-45 Ja '66.

FLAVONOIDS

Chemical study of "pasterozid." N. P. Maklutina, V. I. Litvinenko, Khim. prirod. soed. 2 no. 1:20-26 '66.

Flavonoids of some peppermint varieties. E. V. Helia, I. U. I. Borysiuk, G. V. Makarova, Farmatsev. zhur. 20 no. 4:31-33 '65.

Flavonoids of the duckweed. Report No. 3; Lutskoln-7- β -D-glucopyranoside. O. I. Tikhtonov, Farmatsev. zhur. 21 no. 1:55-55 '66.

Fluorescent reactions of aluminum with flavonoids. A. P. Golovina and others, Zhur. anal. khim. 21 no. 2:163-165 '66.

New flavonoid isolated from the leaves of *Cynara scolymus* L. L. I. Drank, V. T. Chernobai, Khim. prirod. soed. 2 no. 1:10-20 '66.

New flavonoids from leaves of *Cinaegus curvisepala* Lindl. (fam. Rosaceae). V. S. Batluk, A. P. Prokopenko, D. G. Kolesnikov, Khim. prirod. soed. no. 3:225-226 '65.

Study of flavonoids of the mountain ash *Sorbus pendula* L. Report No. 1; Flavonoids of the flowers of *Sorbus pendula* L. O. I. Pavili, H. V. Makarova, I. U. I. Borysiuk, Farmatsev. zhur. 21 no. 1:55-59 '66.

Use of chromatography on caps in the photometric analysis of flavonoids in plant materials. V. A. Bandukova, A. L. Shinkatenko, Zhur. anal. khim. 21 no. 2:232-234 '66.

FLAX

(see also subdivision under Solon District)

Reflection about Russian flax. Vasilii Ruchanikov, Zakup. sel'khoz. prod. no. 1:28-31 Ja '66.

FLAX—DRYING

Effect of high air temperatures on the basic mechanical properties of fibers and temperature conditions in the convection drying of wet rotted flax. V. V. Andrianov and others, Izv. vya. ucheb. zav., tekhn. lekst. prom. no. 1:12-45 '60.

FLAX—FERTILIZERS AND MANURES see subdivision under Volyn' Province

FLAXSEED

Culture which is greatly needed by the country. N. G. D. Shela, Zakup. sel'khoz. prod. no. 7:33-34 Ji '65.

FLAXSEED BREEDING

Methods for developing flax varieties with high oil content. O. I. Rycheva, Dokl. Akad. sel'khoz. nauk. no. 2:23-27 F '66.

FLEAS see subdivision under Issyk-Kul Depression, Vietnam, North

FLEAS AS CARRIERS OF DISEASE

Once again about rickettsiosis, transmitted by rat fleas in Moldavia. O. S. Ostrik, Trudy Kish. gos. med. inst. 14:277-286 '61.

FLIES

Nature of the effect of chlorophyll on the ovogenesis of house flies (*Musca domestica* L.) in case of long application under natural conditions. V. A. Linaeva, Med. paraz. i paraz. bol. 35 no. 2:217-223 Mr-Ap '66.

New data on the taxonomy and biology of the fam. Axyridae (Diptera). B. M. Mamaev, N. P. Krivosheina, Ent. obozr. 45 no. 1:168-180 '66.

FLIES—RESISTANCE TO INSECTICIDES

Mechanism of insect resistance to DDT: changes in tissue respiration in house flies (*Musca domestica*) during the increase of resistance to DDT. L. V. Aguzhinskaya, I. A. Gabrihanik, Med. paraz. i paraz. bol. 35 no. 2:212-216 Mr-Ap '66.

FLIGHT TRAINING

Do not repeat mistakes. G. Semenko, Av. i kosm. no. 3:55-57 Mr '66.

Flight commander teaches in the air. M. Baskakov, Av. i kosm. 44 no. 5:43-49 '62.

Flights form a school. Part 3; Using word and example. A. Archuk, Av. i kosm. no. 4:47-50 Ap '66.

Know how to consider and analyze the premises. F. Shinkarenko, Av. i kosm. no. 4:51-55 Ap '66.

What means are needed for an objective evaluation of a flight? N. Zverevich, Av. i kosm. no. 3:73-76 Mr '66.

FLIGHT UNPOWERED see Gliding and soaring

FLIS, IL'IA EVSEEVICH, 1910-1964

Il'ia Evseevich Flis; obituary. Trudy LITISBP no. 16:5-8 '66.

FLIS, IL'IA EVSEEVICH, 1910-1964—BIBLIOGRAPHY see Bibliography—Flis, Il'ia Evseevich, 1910-1964

FLOATING CRANES

(see also subdivision under Volga River)

Crane for removing remains of submerged trees. I. U. M. Danilov, A. S. Popov, Ryb. khoz. 42 no. 2:53-55 '66.

FLOCCULATION

Natura, E. P., and P. M. Mal'tsev. [Accelerated settling of bentonite suspensions by flocculents] Uskorennoe osazhdenie bentonitovoi suspenzii flokulantami. Moskva, TSNTipishcheprom, 1965. 17 p.

FLOOD DAMS AND RESERVOIRS see subdivision under: Volga Delta

FLOOD FORECASTING

(see also subdivision under Maritime Territory)

Calculation of the irregularity of the water yield of a basin using partial cutvov of travel time. A. G. Levin, Meteor. i gidrol., no. 3 18-25 Mr '66.

FLOORING—SOUND PROOFING

Soundproofing of hip flooring. V. Makhlin, Stroi i arkhitekt., 12 no. 1 31-35 Ap '61.

FLOORS

Experience in manufacturing and using floor panels from wood-plate. M. I. Morozova, Stroi i arkhitekt., 28 no. 1 36-38 Ja '66.

Laying polyvinyl acetate floors in living areas. S. Zaman-skii, A. Merkulov, Stroi i arkhitekt., 14 no. 1-30 Ja '66. Observe the rules for casting poured floors. V. Kaledin-shev, A. Krivolinskii, Na stroi, Ros., 7 no. 1:28 Ja '66.

FLOORS, CONCRETE—TESTING

Comparative resistance of floors with a base of cement-, polymer cement-, and cementless plastic concrete. A. V. Chukko, IU, V. Lislavyn, A. A. Kostomina, Sako, prom., 10 no. 3 35-40 Mr '66.

FLORENCITE

Accessory florencite. A. E. Gapon, Min. shor., 10 no. 1 105-110 '65.

FLORIMYCIN

Distribution of florimycin (viomycin) in the animal organism. A. V. Kosolapova, Antibiotiki i no. 3, 247-249 Mr '66.

Possibility of inactivation of florimycin (viomycin) by biological substrates. A. V. Kosolapova, G. I. A. Kivman, Antibiotiki i no. 3, 250-253 Mr '66.

FLOTATION

Autonotic feeding of liquid reagents during flotation. B. I. Revazashvili, I. A. Ivanov, IU, G. Kullashev, Izv. vyz. ucheb. zav., gor. zhur., 5 no. 11:151-151 '62.

Composition and some properties of the STSM-3 flotation reagent. S. M. Givlich, R. I. Moleseva, I. V. Savichev, Zhur. prikl. khim., 39 no. 2 351-350 F '66.

Effect of flotation reagents on the structure of coal slime. I. N. Plakala, V. I. Solovishkin, Izv. vyz. ucheb. zav., gor. zhur., 5 no. 11:155-156 '62.

Effect of nonelectrolyte additions on the flotation of syngas. Kh. M. Alekseyevich, P. F. Koshuk, M. M. Pavlichenko, Dokl. AN BSSR, 10 no. 2, 90-93 F '66.

Electric flotation of substances. B. M. Matov, Elektr. obr., 12 no. 1 82-81 '65.

Gold and silver distribution in concentrates in the flotation of complex ores. V. A. Gromova, TSvet. met., 30 no. 2 5-7 F '66.

Investigating the effect of a magnetic field on the flotation process of certain nonsulfide minerals. G. A. Khana and others, TSvet. met., 30 no. 1, 23-25 Ja '66. Physicochemical problems of the concentration of mineral resources, seminar of the Scientific Council. I. N. Plakala, Vest. AN SSSR, 38 no. 1, 148 Ja '66.

Potentiometric study of the adsorption of flotation reagents on the surface of powdered minerals. A. B. Fasman, Elektr. khimika, 2 no. 2:145-146 F '66.

Using the correlation method in the analysis of the flotation process. A. L. Kudravin, R. L. Popov, Izv. AN Uz. SSR, Ser. iekh. nauk, 10 no. 1:67-70 '66.

FLOTATION—EQUIPMENT AND SUPPLIES

Dressing niobium containing ores with the use of complex-forming collectors. S. I. Gorlovskii, N. P. Kholobova, N. E. Shchukina, TSvet. met., 30 no. 2:12-12 F '66. Economic efficiency of using dispersion additions. B. V. Malvyn, Gor. zhur., no. 3:63-64 Mr '66.

Preparing ilmenite-zircon sands containing hemic substances for flotation. S. A. Babonko, P. G. Prokop'eva, A. F. Plekhova, Izv. vyz. ucheb. zav., gor. zhur., 5 no. 11:161-163 '62.

Searching for oleic acid substitutes for the flotation of nonsulfide minerals. S. I. Pol'kin, Tkhim.-Zul. Tkhim., [Thai-Duy Tham], TSvet. met., 30 no. 1:31-32 Ja '66.

Selective desorption of sodium oleate from minerals with the purpose of their subsequent separation by flotation. V. I. Zhavoronok, S. I. Pol'kin, Izv. vyz. ucheb. zav., jyel. met., 8 no. 1:3-5 '66.

FLOUR—STORAGE

Bulk storage of flour. V. S. Pogorelyi, Khlob. i kond. prom., 10 no. 3:41-42 Mr '66.

FLOUR AND GRAIN BAGS

see subdivision under Kuybyshev

FLOUR INDUSTRY

Gavrichenkov, D. N. [Organization of basic production at enterprises of the flour milling, groats, and mixed-feed industry] Organizatsiya osnovnogo proizvodstva na predpriyatiakh mukoimol'noi, krupianoi i kombinirovanoi promyshlennosti, Moskva, TSentr. in-t nauchno-tekhn. informatsii i tekhniko-ekon. issledovaniy, 1964, 53 p. (Sortir: "Mukomol'naya, krupianaya i kombinirovannaya promyshlennost'"; no. 2)

[MICROFILM]

FLOUR MILLS

(see also subdivision under Kalach region, Voronezh Province)

Selecting high-protein flour in milling wheat; selecting wheat flour with high protein content at flour mills using pneumatic conveying; pneumatic classifier of flour produced by break systems. L. Aizikovich and others, Muk.-elev. prom., 32 no. 2:11-18 F '66.

FLOUR MILLS—EQUIPMENT AND SUPPLIES

Needs of rural flour mills. S. Kofman, Muk.-elev. prom., 32 no. 1 20 Ja '66.

FLOW OF WATER

see Hydraulics

FLOWERING OF PLANTS

see Plants, Flowering of

FLOWER POTS

Wall bracket for a flowerpot. A. E. Brizhanov, Shkola i profil., 9 no. 3 51-56 Mr '65.

FLOWMETERS

Experience in using the induction flowmeter for measuring flushing fluids and cement slurries. V. Kh. Shul'gin, Mash. i neft. obr., no. 2, 31-36 '66.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet

standartov, mer i izmeritel'nykh priborov [Album of graphs for regulations 28-61 on the measurement of the consumption of liquids, gases and vapors with standard diaphragms and nozzles]. Al'bom grafikov k pravilam 28-61 izmereniya iskhoda zhidkostei, gazov i parov standartnymi diafragmami i soplami. Ld ofitsial'noe. Moskva, Izd-vo Standartov, 1964, 148 p.

Thermal flowmeters of minor consumption of liquids. IU, P. Zhukov, M. V. Kulakov, A. L. Levin, Priboirobsheniye no. 3 1-3 Mr '66.

FLUES

Panels with heating and ventilating flues in brick apartment houses. A. Shishkin, IA, Rozenberg, R. Shakh-nazov, Na stroi, Ros., 7 no. 1:25-28 Ja '66.

FLUID DYNAMICS

Determining pressures, speeds, and consumptions in an arbitrary section of the unsteady gas or fluid flow by the pressure oscillograms taken in two arbitrary sections of the flow. V. I. Kravets, Dvig. vnutr. agor., no. 1:96-101 '65.

Determining the thickness of the liquid layer in film-type apparatus. P. A. Semenov, M. S. Rolbakh, A. S. Gorskikh, Khim. prom., 42 no. 3:213-210 Mr '66.

Experimental study of a water-air jet apparatus using a transparent model. M. I. Bazhenov, Izv. vyz. ucheb. zav., energ. 0 no. 3:82-86 Mr '66.

Hydraulic resistance during the flow of a viscous fluid in a slotted channel. IU, P. Konakov, Trudy MIIT no. 22: 77-88 '65.

Kutladze, S. S., ed. [Heat exchange and friction in a turbulent boundary layer]. Teplotobmen i trenie v turbulentnom pogranichnom sloe, Novosibirsk, Red.-izd. otdel Sibirskogo otd-nia AN SSSR, 1964, 206 p. (NIC)

Nonstationary problems for the semi-infinite layer of compressible media. I. G. Filippov, Prikl. mekh. 2 no. 2:104-109 '66.

Nonsteady flow of a liquid in an inhomogeneous layer with a permeable roof. M. A. Gullav, Trudy Vych. tsentra AN Azerb. SSR, 3:125-131 '65.

Parametric vibrations of a cylindrical shell containing a pulsating fluid flow in the central layer. V. V. Stepanuk, Prikl. mekh., 2 no. 2:130-135 '66.

Perfect fluid flow in a normal pipe bend; plane problem. P. V. Dyubak, Samoletostr. i tekhn. vozd. flota no. 2:13-21 '65.

Venturi tube for measuring small flows and speeds in large-diameter pipelines. B. V. Diadlak, Z. I. Kalanova, Teplotekhnika 12 no. 12:84 '65.

FLUID MECHANICS

Effect of the transverse flow of a mass on the heat exchange in a turbulent flow about a plane permeable surface. P. N. Romanenko, IU, P. Semenov, Teplotekhnika 13 no. 1:90-93 Ja '66.

Long waves in a heterogeneous fluid from a periodic moving pressure system. N. N. Abrashina, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 2:101-107 F '66.

Motion of a multicomponent compressible medium. B. Kh. Draganov, Gidromekhanika no. 2:3-9 '65.

Spall vortex motions in a compressible fluid. Kh. N. Zeitlan, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 2 105-112 F '66.

FLUIDIZATION

Applying the tensiometric measurement of pulsations in pressure drops for the study of the hydrodynamics of a fluidized bed. Report No. 1, M. S. Ufa, G. P. Gri-goriev, P. V. Varentsov, Trudy LITI SSSR no. 17:193-202 '65.

Aromatization of paraffinic hydrocarbons in a fluidized bed of an alumina-chromia catalyst. B. A. Kazanskii and others, Neftekhimika 5 no. 4:482-485 Ji-Ag '65.

Design diagram of vertical multilayer fluidization furnaces. I. A. Uzunalinov and others, TSvet. met., 39 no. 1:60-65 Ja '66.

Increasing the durability of machine parts by thermal treatment in a fluidized bed. V. A. Antifec, A. P. Baskakov, M. F. Onokhin, Trakt i sel'khoz. mash. no. 3 40-42 Mr '66.

Pressure drop in a fluidized bed. N. I. Gelp'perin, V. G. Ainshteln, Khim. i tekhn. topl. i masel. 11 no. 1:1-3 Ap '66.

Reduction of carbon dioxide in the fluidized bed of petroleum coke. N. M. Utamova, E. V. Smidovich, Nefteper. i neftekhim., no. 11 15-17 '65.

Roasting of a granulated molybdenite concentrate in a fluidized bed. A. N. Zulkman and others, TSvet. met., 39 no. 2:63-68 F '66.

Roasting of magnesium nitrate in a fluidized bed. V. V. Pechkovskii, S. A. Amilova, N. N. Tikhomirova, Shor. nauch. trud, Perm. politekh. inst. no. 10 91-95 '61.

Studying the continuous drying of calcium stearate in a fluidized bed. N. I. Gelp'perin, O. I. Podgnetavina, N. N. Batorov, Mash. i vnt. prom., 32 no. 1:21-23 Ja '66.

Use of a fluidized bed for the fractionation of ionite granules. M. S. Vorotshchikov, Izv. vyz. ucheb. zav., khim. i khim. tekhn. 8 no. 8 1019-1025 '65.

FLUIDS

Changes in entropy during evaporation and the structure of some fluids. K. P. Mikhchenko and others, Trudy LITI SSSR no. 16:158-168 '65.

FLUMES

Rating of sharp-crested triangular weirs and hydrometric flumes under field conditions. M. I. Isakov, Meteor. i gidrol., no. 4 54-56 Ap '66.

FLUORESCENCE

Fluorescent reactions of aluminum with Mayonolds. A. P. Golovina and others, Zhur. anal. khim., 21 no. 2:163-165 '66.

FLUORESCENCE MICROSCOPY

Luminescent microscopic study of early developmental stages in *Potamogeton vulgaris*. E. S. Nikitina, V. I. Bish-zova, Mikrobiologiya 31 no. 6 1008-1010 N-D '65.

Use of fluorescence microscopy in the study of tissues of the muscular appendage. R. A. Simukova, V. S. Kondrat'ev, Arkh. pat., 28 no. 1 83-81 '66.

Use of methacrylate in stable histological preparations for fluorescence microscopy. IU, V. Goltikov, Arkh. anat., gist. i embri., 50 no. 1:75 Ja '66.

FLUORESCENT ANTIBODY TECHNIQUE

Accelerated indication of pathogenic bacteria through fluorescent antibodies. S. I. D'yakov, Lab. dielo no. 3:170-178 '66.

Use of the immunofluorescence method for early diagnosis of influenza. K. L. Shakhmatina and others, Voen.-med. zhur. no. 2:59-61 F '66.

FLUORESCENT LAMPS

Light fixtures with fluorescent lamps for dwellings and buildings. Svetotekhnika 12 no. 3:32 Mr '66.

FLUORESCENT LAMPS—STANDARDS

Correspondence of the electric parameters of fluorescent lamps to specifications of the International Electrical Engineering Commission. V. A. Gavanin, A. F. Saigirova, Svetotekhnika 12 no. 2:10-20 F '66.

FLUORINATION

General method of synthesis of *o*, *W*-diphenylperfluoro alkanes. E. L. Zaitseva, A. I. Ipatovich, Zhur. ob. khim., 36 no. 2:359-361 F '66.

Methods of production of perfluorodecalin and octafluoro-naphthalene. S. V. Sokolov and others, Zhur. prikl. khim., 39 no. 2:302-309 F '66.

FLUORINE

Geochemical characteristics of the behavior of fluorine in the underground waters of Moscow Province. IU, I. Voroshilov, Geokhimiya no. 3:340-347 Mr '66.

FLUORINE ORGANIC COMPOUNDS

see Organofluorine compounds

FLUOROPLAST

Radical interaction of ethylene and tetrafluoroethylene with isopropyl halides. I. B. Afanas'ev, E. D. Saitronenko, V. I. Katsobashvili, Zhur. org. khim., 2 no. 3:423-425 Mr '66.

FLUOROSCOPIC DIAGNOSIS

see Diagnosis, Fluoro-

FLUORSFAR

(see also subdivision under Donetsk Basin; Trans-balkania; Ukraine)

Use of the activating gamma-logging method in exposing fluorspar ore beds in wells. V. G. Ingerman, Razved. geofiz. no. 7:78-80 '66.

FLUOSILICIC ACIDS

Properties of silicon dioxide formed in the processing of fluosilicic acid of superphosphate plants to aluminum chloride. L. D. Skrylov, Zhur. prikl. khim., 39 no. 2: 305-311 F '66.

FOREIGN BODIES (SURGERY)

Mine fragment retained for 21 years in the body of a man. I. G. Askarov. *Az. med. bul.* 12 no. 11:61-65 '65

FOREIGN EXCHANGE

Brief information on foreign exchange and banks abroad. Den. kred. 21 no. 2:90-93 F '66

Brief information on foreign exchange and banks abroad. Den. kred. 21 no. 3:82-83 M '66

FOREIGN LABOR see subdivision under Europe, Western

FORENSIC CHEMISTRY see Chemistry, Forensic

FORENSIC MEDICINE see Medical Jurisprudence

FORENSIC ORATORY

Improve the training of trial orators. Sh. Kalimulin. *Sots. zakon* 43 no. 3:11 M '66

FORENSIC PSYCHIATRY

Analysis of conclusions of expert psychiatrists by the court. I. U. A. Golubev. *Prak. sudebnopsikh. ekspert.* no. 10:80-87 '65

Consultation. S. V. Torubarov. *Prak. sudebnopsikh. ekspert.* no. 10:88-89 '65

Circuscular disorders of consciousness in reactive states. A. M. Ananastasilaki. *Prak. sudebnopsikh. ekspert.* no. 10:50-51 '65

Differential diagnosis of schizophrenia and its distinction from reactive psychosis. V. D. Titova. *Prak. sudebnopsikh. ekspert.* no. 10:32-38 '65

Eliminate deficiencies in the conduct of forensic psychiatry. V. I. Baskov. *Prak. sudebnopsikh. ekspert.* no. 10:72-79 '65

Frenetic diagnosis of schizophrenia. L. N. Ozhimkova. *Prak. sudebnopsikh. ekspert.* no. 10:20-24 '65

Forensic psychiatric evaluation of illegal actions during aphasia. V. D. Azbukina. E. V. Kondrat'ev. *Prak. sudebnopsikh. ekspert.* no. 10:82-71 '65

Forensic psychiatric evaluation of pseudopsychopathic remissions in schizophrenia. V. K. Stasjuk. *Prak. sudebnopsikh. ekspert.* no. 10:11-19 '65

Forensic psychiatric evaluation of schizophrenic remissions in repeated dangerous actions of the patients. L. N. Zomskov. *Prak. sudebnopsikh. ekspert.* no. 10:3-10 '65

Recurrent type of the course of reactive states. N. R. Rakhmanov. *Prak. sudebnopsikh. ekspert.* no. 10:41-49 '65

Unusual case of chronic reactive psychosis. I. S. Holodovskii. *Prak. sudebnopsikh. ekspert.* no. 10:37-40 '65

FOREST ECOLOGY

(see also subdivision under Angar Valley; Georgia, Kansk region, Krasnoyarsk Territory; Karabakh Steppe; Mozen' Valley, Sayan Mountain region, Talysh Mountains)

Grassy pine forests and their derivatives. E. I. Lapshina. *Ist. pok. Kras. kraia* no. 2:120-130 '65

Growth characteristics of Sukachev's larch in the Gorky area of the Trans-Volga region. N. V. Kuprienov. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:36-37 '65

Increment changes in mixed oak forests under the effect of defoliation by insect pests. E. N. Iersnallinov. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:52-55 '65

Shelterbelts and crops. N. M. Miloserdov. *Zemledelie* 28 no. 1:66-67 Ja '66

FOREST INFLUENCES

(see also subdivision under Georgia)

Agricultural and silvicultural measures as a factor of moisture accumulation and a method of controlling soil erosion. V. N. Kaulin. *Sboi. rab. kuz. gld. omet. obser.* no. 3:54-72 '65

FOREST INSECTS—EXTERMINATION

Harmful insects of poplars in the Northern Caucasus and measures for controlling the main ones among them. M. V. Nosonova. *Trudy SKLOS* no. 6:138-160 '64

FOREST INSECTS—PARASITES see Parasites—Forest Insects

FOREST LITTER see subdivision under Caucasus

FOREST MACHINERY

Analyzing the work of the engine and the power balance of a forest plowing unit. I. I. Stakheev. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:9-16 '65

FOREST MANAGEMENT

(see also subdivision under Altai Mountains; Carpathian Mountains; Caucasus, Northern; Crimea, Georgia, Soviet Central Asia; Soviet Far East; Ural Mountains)

Dekotov, N. E. [Use of herbicides and arboricides in forest management] *Primeneniye gerbitsidov i arboritsidov v lesnom khozinstve*. Izd. 2, dop. Moskva, Lesnaya promyshlennost', 1966. 188 p. (ONAL)

Efficient use and production of mountain forests of the U.S.S.R. V. Z. Gultashvili. *Trudy Tbil. inst. lesa* 1:110-28 '65

Forests of the Northern Caucasus and some problems of increasing their productivity. I. I. Iat'yev. *Trudy SKLOS* no. 6:89-102 '61

Gradual and group selection cutting in beech forests. A. A. Drobokov. *Trudy SKLOS* no. 6:5-15 '61

Growing beech with gradual cutting in connection with the conditions of growing. M. P. Mal'tsev. *Trudy SKLOS* no. 6:51-70 '64

Improvement cutting in oak plantations established on fresh forest cuttings with stumps. B. A. Bublit, I. P. Iat'yev. *Trudy SKLOS* no. 6:116-121 '61

Intensification of forest management and increase in the productivity of forests. N. E. Debatov. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:5-8 '65

Planning the volume of principal yield cuttings in forest working circles using gradual selection cuttings and gradual cuttings in forest management. G. P. Motovilov. *Trudy Tbil. inst. lesa* 11:223-226 '65

Young beech stands in the Northern Caucasus and the principles of improvement cutting in them. L. P. Iat'yev. *Trudy SKLOS* no. 6:16-10 '61

FOREST NURSERIES see subdivision under Khamyshtki region (Krasnodar Territory)

FOREST PRODUCTS

Agricultural and forest products. BIKI (Prihoz.) no. 2. 135-215 Ap '66

Quality of forest products in the judicial practice in state arbitration. M. Rovinskii. *Sov. iust.* 30 no. 7. 10-13 Ap '66

FOREST REPRODUCTION

(see also subdivision under Krasnodar Territory)

Age-conditioned structure of birch stands in Arhangelsk Province. N. P. Chuprov. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:28-31 '65

Natural regeneration of beech, beech-fir, and fir forests due to clear, gradual, and selective cutting. G. T. Belen'ko. *Trudy SKLOS* no. 6:11-50 '61

FOREST ROADS

Basin for the number of lanes of logging roads. B. A. Il'in. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:56-61 '65

Study of the physical and technical properties of "gilan" as a material for road slabs. A. V. Nekhoshchev, A. D. Griazin. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:88-90 '65

FOREST ROADS—TABLES, CALCULATIONS, ETC.

Moscow. Gosudarstvennyi institut po proektirovaniyu transporta. [Tables for laying out curves with ease-moment curvatures for logging truck roads] *Tabitsy dlya razbivki zakrugleni s perelichnymi krivymi na tesovoznykh avtomobil'nykh dorogakh*. Leningrad, 1965. 37 p.

FOREST SOILS—CONGRESSES

Basic results of a scientific conference on forest soil science. N. V. Orlovskii. *Pochvovedenie* no. 3:105-110 M '66

FOREST THINNING

(see also subdivision under Georgia)

Integration of forest sections during improvement cutting. I. S. Mochenko. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:45-47 '65

FORESTS AND FORESTRY

(see also subdivision under Arhangelsk Province, Caucasus, Northern, Komi A.S.S.R.; Mongolia, Yenisey Range)

[Forests and forest management] *Ref. zhur.*: Lesoved. 1:150-60, no. 2 F '66

Geographical characteristics of the dynamics of the upper forest range in the mountains of the Soviet Union. P. D. Iaroshenko. *Bim. MOIP. Old bioi* 71 no. 1:74-83 Ja-F '66

More about the Russian forests. Otkryti' 42 no. 3:183-185 M '66

FORESTS AND FORESTRY—CONGRESSES

Discussion of reports. *Trudy Tbil. inst. lesa* 14:240-281 '65

List of members of the conference. *Trudy Tbil. inst. lesa* 14:291-301 '65

Opening address. B. I. Rubtsov. *Trudy Tbil. inst. lesa* 14:5-9 '65

Questions and answers. *Trudy Tbil. inst. lesa* 14:281-287 '65

Resolution of the All-Union Conference on Problems in Mountain Forest Management. *Trudy Tbil. inst. lesa* 14:288-293 '65

FORESTS AND FORESTRY—MENSURATION

Study of the trunk form of *Juniperus sibirica* Kom. I. A. Kul'bachnyi. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:38-41 '65

FORESTS AND FORESTRY—TABLES AND READY RECKONERS

Tables of the types and volume of beech trunks. L. V. Butun. *Trudy SKLOS* no. 6:231-263 '61

Volume tables for under-size pine trunks. N. N. Sokolov. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:17-19 '65

FORESTS AND FORESTRY—VALUATION

(see also subdivision under Georgia)

Increment and stand structure of the spruce-fir plantations of the Udmurt A.S.S.R. V. G. Kuznetsova. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:48-51 '65

Volume of the northern birch. O. A. Revolin. *Izv. vyz. ucheb. zav., les. zhur.* 8 no. 6:32-34 '65

FORGE SHOTS—EQUIPMENT AND SUPPLIES

Introduction of nonoxidizing heating in a forge shop. R. M. Rabinina, I. I. Matissen-Rozhkova, E. P. Beidnikova. *Kuz.-shtam. prozv.* 8 no. 2:40-42 F '66

FORGING

Analysis of basic power parameters in pressing bimetallic bushings. V. P. Dobrokhotov. *Vest. mashinostr.* 46 no. 2:67-69 F '66

Atom as a blacksmith. B. Suponev. *NTO* 8 no. 3:9-12 M '66

Drop forging thin-walled parts of liquid steel. L. A. Zubov. *Lit. prozv.* no. 2:39-40 F '66

Forging with a high uniformity of deformation. I. A. M. Okhrimenko, V. A. Tiurin. *Kuz.-shtam. prozv.* 8 no. 2:1-1 F '66

Kon'kov, A. S. [Forging] *Kuznechnoe prozvodstvo*. Moskva, Mashinostroyeniye, 1966. 383 p.

New technology for making neck and bottom type forgings. V. G. Orlov, N. E. Sidorov. *Kuz.-shtam. prozv.* 8 no. 2:7-8 F '66

Problems of the effective use of metal stamping equipment. M. M. Shatikhina. *Voen. AN BSSR. Ser. inzh. nav.* no. 1:35-41 '66

Stress relaxation of titanium alloys depending on hot forming conditions. G. I. Arkovenko and others. *Metalloved. i term. obr. met.* no. 3:80-82 M '66

Stressed state of a plastically deformable body. I. L. Peilin, M. S. Gil'dengorn. *Izv. vyz. ucheb. zav., les. zhur.* 9 no. 1:130-133 '66

Using hydraulic presses for carrying out technological processes with a short cycle. M. V. Storozhev, N. S. Dobraskii. *Vest. mashinost.* 46 no. 3:64-67 M '66

FORGING—EQUIPMENT AND SUPPLIES

Stability of inserts for forging bevel gearing with tooth. V. M. Polyanski, I. K. Danil'chik. *Kuz.-shtam. prozv.* 8 no. 2:4-7 F '66

FORGING MACHINERY

Adjustment of a pneumatic semi-mechanism for the control of steam-air forging hammers. V. M. Shnelberg. [Nauch. trudy] ENIKMASha 10:76-83 '65

FORGING MACHINERY—DESIGN AND CONSTRUCTION

Standards for the rigidity of forging presses. V. T. Meshcherin and others. *Kuz.-shtam. prozv.* 8 no. 2:24-28 F '66

FORK LIFT TRUCKS

Drugal', S. A., V. V. Zubarev, and D. P. Doroshenko. [Handbook for the operator of a truck-mounted loader] *Possible shofora avtopogruzhchika*. Moskva, Transport, 1966. 150 p.

FORMALDEHYDE

Analysis of a mixture of methanol, formaldehyde, and water by gas-liquid chromatography. L. A. Gavrilina, N. N. Naialina. *Izv. SO AN SSSR* no. 11. Ser. khim. nauk no. 3:143-146 '61

Reaction of isobutylene and pentenes with formaldehyde in the presence of cation exchanger KU-2. V. I. Isagurants, A. G. Safarov. *Notekhimia* 5 no. 4:545-548 Ji-Ag '66

FORMAMIDE

N-dichlorophosphoryl-N'-alkyl-C-chloroformamides and their derivatives. G. I. Derkach, A. V. Narbut. *Zhur. ob. khim.* 30 no. 3:322-326 F '66

Solubility isotherm of magnesium borohydride and sodium borohydride in N,N-dimethylformamide at 0°C. V. N. Konoplev, V. I. Mikheeva. *Zhur. neorg. khim.* 10 no. 10:2363-2366 O '65

Study of the germanium-methylformamide interface by the differential capacitance method. M. D. Krotova, I. U. V. Pleskov. *Elektrokhimika* 2 no. 2:222-228 F '66

Study of the germanium-methylformamide interface by the method of "fast" charging curves. M. D. Krotova, I. U. V. Pleskov. *Elektrokhimika* 2 no. 3:340-345 M '66

FORMAZANS

Analytical reactions of tervalent thallium with reagents containing a formazyl group. S. A. Lomonosov, I. N. Getsova, I. U. A. Rybakova. *Zhur. anal. khim.* 21 no. 2:237-239 '66

FORMIC ACID

Ion exchange in solutions of acetic and formic acids
M. K. Nikitin, E. Ostyk-Narbut, S. B. Tomilov, Vest.
LGU 21 no. 4 149-151 '66.

FORMS (MATHEMATICS)

Distribution of fractions of some linear forms in a unit square.
B. Kaitinov, Izv. AN Uz SSR, Ser. fiz.-mat. nauk
10 no. 119-22 '66.

Number of "dead-end" and minimal disjunctive normal forms.
I. U. L. Vasil'ev, Diss. anal. no. 2 3-9 '66

Some applications of space matrices in the derivation of projective invariants of algebraic forms.
S. I. Chernyshev, Dop. AN URSR no. 1, 23-27 '66.

FORTIFICATIONS, OLD see subdivision under Kiev Province, Sorok (Moldavia), Taman Peninsula

FOSSIL ALGAE see Algae, Fossil

FOSSIL BRACHIOPODA see Brachiopoda, Fossil

FOSSIL CEPHALOPODA see Cephalopoda, Fossil

FOSSIL FORAMINIFERA see Foraminifera, Fossil

FOSSIL MOLLUSKS see Mollusks, Fossil

FOSSIL OSTRACODA see Ostracoda, Fossil

FOULING OF SHIP BOTTOMS

Blended epoxy-patch anticorrosive paints and primers for long-lasting protection of the immersed parts of sea-going vessels.
E. D. Izraelants, A. K. Muromtsev, Lakokras. mat. i tekhn., no. 1 41-46 '66.

FOUNDATIONS

(see also subdivision under Leningrad)

Belikov, N. F., G. A. Nikolova, and A. A. Storozhenko [Textbook on foundation beds and foundations] Uchebnoe posobie po osnovaniyam i fundamentam. Kharkov, Kharkovskii gos. univ., 1966. 213 p.

Criterion of sand compactness in the foundation beds
O. M. Rezniko, Gidrot. 36 no. 2:47-49 F '66.

Formulas and graphs for calculating deformations of foundation beds in the presence of a rigid layer
I. Z. Lobanov, Izv. vuz. ucheb. zav., stroit. i arkh., 9 no. 1 23-30 '66

Ground genesis and the accuracy of calculating foundation beds.
V. M. Chizhevskii, Trudy Ural. elektromekh. inst. inzh. zhelezn. dor., transp. no. 10:121-128 '65.

Study of preliminary stabilization of loess of the first type in the process of laying foundation blocks
V. N. Golubkov, A. I. Degradalov, Izv. vuz. ucheb. zav., stroit. i arkh., 9 no. 1:37-42 '66.

FOUNDING

(see also subdivision under Ukraine)

Casting lined tubes and thermoblocks
G. N. Novikov, I. G. Goncharenko, V. F. Martynenko, Lit. proizv. no. 2 35-36 F '66.

Effect of elastic vibrations on the crystallization of metals and alloys.
G. I. Pogodin-Alekseev, V. M. Gavrilov, Izv. AN SSSR, Mat. no. 1:80-101 Ja-F '66.

Movement of liquid metal inside a hardening casting.
I. B. Kumanin, L. G. Matvienko, Izv. vuz. ucheb. zav., Chern. met. 9 no. 3 162-166 '66

Mykol'nikov, A. A., R. I. Shindeli, and A. N. Batalov. [Castings for metallurgical equipment] Otkivki dlia metallurgicheskogo oborudovaniia. Moskva, Mashinostroenie, 1966. 69 p.

Production of calendar and other rolls for papermaking machines.
Lit. proizv. no. 2 47 48, 3 of cover F '66.

Rabinovich, B. V. [Introduction to foundry hydraulics] Properties of melts. Characteristics of flow. Gating systems] Vvedenie v itelnuu gidravliku Svoistva rasplavov. Osobennosti tekhenia. Litnikovye sistemy. Moskva, Mashinostroenie, 1966. 422 p.

FOUNDRY SAND see Sand, Foundry

FOUR POWER PEACE PACT, 1933

England and the Four Power Peace Pact of 1933.
I. U. G. Vilunas, Vest. LGU 21 no. 2 42-53 '66.

FOURIER SERIES

Direct current field in a multilayer medium with cylindrical discontinuities
B. G. Dubrovskii, Geofiz. sbor. no. 3:72-80 '65

A property of Haar's system.
G. G. Kemkhadze, Soob. AN Gruz. SSR 41 no. 1:33-40 Ja '66

FOURIER TRANSFORMATIONS

Fourier transformation and Hecke's functional equation.
B. S. Rimskii-Korsakov, Trudy VZEI no. 28 73-78 '65.

Integral Fourier transformations and some of their applications
G. M. Mordasova, Trudy VZEI no. 28:113-135 '65

FRACTURES

Dynamics of fibrinogen and fibrinolytic activity of the blood in patients with fractures.
A. S. Matskiv, Klin. khir. no. 6:48-51 '65.

FRANCE—ARCHIVES

Materials relating to the history of the U. S. S. R. in the Archives of the French Ministry of Foreign Affairs.
L. N. Minerva, Vop. arkh. 0 no. 1:83-85 O-N '61

FRANCE—ASSASSINATION

Operation "Teutonic swastika" (to be continued).
V. K. Volkov, Nov. i novetsh. ist. no. 2 31-43 '66.

FRANCE—COMMERCE—RUSSIA

France-Russian commercial contacts in the early 19th century.
N. I. Iakovkina, Vest. LGU 20 no. 2:72-82 '65.

FRANCE—COMMUNIST PARTY

Work of the French Communist Party in a rural district.
Roger Leclaire, Kommunist 42 no. 2:98-106 Ja '66.

FRANCE—ELECTRIC FURNACES

Operation of the first electric slag furnace installed in France after the Soviet licence has been obtained.
B. I. Medvedev and others, Stal' 26 no. 2 135-139 F '66

FRANCE—FOREIGN RELATIONS—GERMANY, WEST

A losing treaty.
I. Manfred, Nov. vrem. 23 no. 15 23-25 Ap '66

FRANCE—LABOR AND LABORING CLASSES

On the social front of France.
E. Shul'gin, Nov. vrem. 23 no. 14:16-17 Ap '66.

FRANCE—LIBRARY CATALOGS

New editions of the printed catalogs of the British Museum and the National Library in Paris.
V. A. Ambal'isimian, Bibliotekoved. i bibl. za rub. no. 17 51-60 '65

FRANCE—RELATIONS (GENERAL) WITH RUSSIA

To know, to understand, to cooperate.
L. Volodina, Nov. vrem. 23 no. 14 6-9 Ap '66.

FRANCE—SOCIAL CONDITIONS

Michalet, Jules. [The people. Translated from the French] Narod. Izd. podgotovili V. G. Dmitriev i F. A. Kogan-Bernshein. Moskva, Nauka, 1965. 207 p. (Literaturnye pamiatniki)

FRANCE—STEEL INDUSTRY

Union of the kings of steel; economic notes
Nov. vrem. 23 no. 15 31 Ap '66

FRANCE—SULFUR ISOTOPES

Isotope composition of sulfur from the Lacq gas and oil field (southwestern France).
V. A. Grinenko, G. P. Vdovychin, Geokhimiia no. 3:351-353 Mr '66.

FRANCE—WELDING

Welding in France.
A. I. Krasovskii, Svar. protzv. no. 1, 14-16 Ap '66.

FRANKO, IVAN, 1856-1916

Becoming familiar with a great heritage.
Oleksa Zasenkov, Rad. lit. 10 no. 1:83-72 Ja '66.

On the anniversary of I. I. Franko.
Rad. lit. 10 no. 2:94 F '66.

FREEZE-DRIED FOOD see Food, Freeze-dried

FREEZE-DRYING

Automatic control of drying by sublimation.
B. P. Kamovnikov, I. F. Iushova, I. A. Ginzburg, Koms. i ov. prom. 21 no. 3 8-12 Mr '66

FREIGHT AND FREIGHTAGE

Basis for an optimal freight transport flow graph taking into account optimum freight distribution between different forms of transportation systems.
V. P. Savin, M. G. Melyshkin, V. S. Kirakin, Izv. AN SSSR, Energ. i transp. no. 1 108-112 Ja-F '66

FREIGHT AND FREIGHTAGE—MATHEMATICAL MODELS

Problems and ways of improving the shipping and transshipping of chemical cargoes.
V. Z. Anan'ina, M. M. Slapak, E. A. Shvabshtein, Ekon. i ekspl. moi. transp. no. 2:10-19 '65.

FREIGHTERS

Choice of the basic characteristics of a river- and sea-going ship for the Black Sea-Baltic Sea Waterway.
E. G. Logvinovich, F. U. Briker, F. A. Morenko, Trudy TSNIIMF no. 67 56-78 '65.

Determining the capacity of gas carriers.
S. I. Logachev, Trudy TSNIIMF no. 67 109-110 '65.

Improving the architectonic and structural type and the cargo characteristics of the SEV-2 12, 500-dendweight universal dry cargo ships to be built during the period 1966-1970.
I. P. Mikhoshtchenko, E. S. Vorobtsov, B. K. Sidorov, Trudy TSNIIMF no. 67:120-128 '65.

studying the technical and economic characteristics and impact of the prospective design of a high-speed dry cargo ship.
I. P. Mikhoshtchenko and others, Trudy TSNIIMF no. 67 12-55 '65

FREIGHTERS—EQUIPMENT AND SUPPLIES

Basis and selection of loading gear for dry cargo ship.
to be built during the period 1966-1970.
V. A. Smirnov, I. S. Zhuravlev, Trudy TSNIIMF no. 67 80-108 '65

FRENCH LANGUAGE—SENTENCES

Structure of complex sentences with subordinate clauses of subsequence in the Old French language.
M. K. Sal'nikova, Vest. LGU 21 no. 2 111-150 '66

FREONS

Is it possible to channel to other apparatus Freons discharged from refrigerating units through safety valves?
V. D. Vainshtein, Khim. tekhn. 43 no. 3 19-50 Ma '66

FREONS—THERMAL PROPERTIES

Tables of the thermophysical properties of Freon-12
G. N. Danilova, Khim. tekhn. 43 no. 3:61-62 Ma '66

FREONS—THERMODYNAMICS

Thermodynamic properties of Freon-12B1 (C₂Cl₃Br).
I. S. Bady'ko, Khim. tekhn. 43 no. 2:18-21 F '66.

Thermodynamic properties of Freon-114 (tetrafluoro-dichloroethane C₂F₂Cl₂).
I. S. Bady'ko, Izv. vuz. ucheb. zav., energ. 9 no. 1:22-121 Ma '66

FREQUENCY CHANGERS

Ferrite transistor frequency dividers for quartz clocks.
S. V. Shmatov, Trudy Inst. Kom. stand., mer. i izm. prib. no. 17 37-36 '65.

L'vov, N. M. [Frequency conversion] Pecherizatsiia chastoty. Moskva, Inzh. iia, 1965. 102 p. (Mashinostroyeniia iia)

FREQUENCY DIVIDERS

Frequency divider on a transistor.
A. I. Rudnitskii, Vest. priklad. i ekspl. no. 1 72-75 Ja '66

FREQUENCY MEASUREMENTS

Design, manufacture, and investigation of the VNIIT 101 quartz clock.
V. N. I. Iov, Trudy Inst. Kom. stand., mer. i izm. prib. no. 17 7-15 '65.

Device for measuring the quality factor of quartz resonators.
L. A. Shmatova, Trudy Inst. Kom. stand., mer. i izm. prib. no. 17 63-66 '65

Error in measuring the frequency difference caused by the nonuniformity of circular scanning using an electronic phase meter.
E. V. Attemova, Trudy Inst. Kom. stand., mer. i izm. prib. no. 17 79-81 '65.

Method and equipment for noncontact measurement of machine tool vibrations.
V. V. Kiselev, I. V. vuz. ucheb. zav., mashinost., no. 12:83-87 '65.

FREQUENCY MULTIPLIERS

Multiplying device with passive components.
V. I. Turchenkov, Priklad. i ekspl. no. 3 9 Ma '66

FREQUENCY REGULATION

Special features of the operation of an automatic phase frequency trim system and a high-pass filter.
F. A. Pevzner, Trudy GIP 20 no. 2 63-66 '64.

FRESHWATER BIOLOGY

Effect of ethylenediaminetetraacetate on the accumulation coefficients of various radionuclides from the water solution by freshwater hydrae.
E. A. Timofeeva-Rosovskaya, A. B. Getsova, N. V. Timofeev-Rosovskii, Trudy inst. biol. UFAN SSSR no. 45:47-61 '65.

FRESHWATER FLORA

Accumulation of radionuclides by freshwater plants as related to various calcium concentrations in the water.
N. A. Timofeeva, Trudy Inst. biol. UFAN SSSR no. 45: 41-46 '65.

Accumulation of some radionuclides by freshwater plants in reservoirs with slow circulation.
V. I. Ivanov, Trudy Inst. biol. UFAN SSSR no. 45:63-66 '65.

Cesium accumulation by freshwater plants.
V. I. Ivanov, E. A. Timofeeva-Rosovskaya, N. V. Timofeev-Rosovskii, Trudy Inst. biol. UFAN SSSR no. 45:33-40 '65.

FRICTION

Calculating natural vibrations caused by friction.
N. D. Sal'nikova, Izv. vuz. ucheb. zav., mashinost., no. 1: 22-28 '66.

Effect of some factors of the coefficient of friction of anti-I. P. Rovnov, M. I. Kudrykh, Izv. vuz. ucheb. zav.; tekhn. tekst. prom. no. 1:153-157 '66.

Forced oscillations of a system with one degree of freedom as a method for studying dry friction.
V. A. Semenov, Trudy VZEI no. 17:7-14 '61.

Friction of the sliding of soil on metallic and plastic surfaces.
P. D. Nikiforov, M. I. Bredun, Vest. geotekhn. nauk. 10 no. 7:112-116 Ji '66.

Friction of watered steel surfaces during the drying process.
D. T. Avdeev, A. I. Romanovskii, Izv. vuz. ucheb. zav.; mashinost., no. 1 41-44 '66.

FRICION (Continued)

- Influence of friction conditions on the parameter of γ -phase crystal lattice during the wear of austenitic and manganese cast iron. D. I. Stanchev, Y. I. Pong-gil. Metalloved, 1 tem. obr. met., no. 3, 20-28 M '66.
- Investigating static friction in lubricated sliding bearings. A. S. Efolan. Samoletost i tekhn. vozd. flota no. 1 45-53 '65.
- Some results of the investigation of the wear of tempered steel due to friction against rock. A. N. Popov, A. I. Spivak. Mash. i nef. obr., no. 2, 20-23 '66.
- Study of friction in the internal rolling of cylindrical seal bodies. V. D. Babko. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3, 135-141 '64.

FRICION CLUTCHES see Clutches (Machinery)

FRICION MATERIALS

- Coefficient of friction and the wear of the rolled strip. V. A. Popuga. Gor., stol. i dor. mash. no. 2, 130-140 '65.
- Investigating some durability and anti-friction properties of inorganic-crystalline materials with additions of boron nitride. M. I. Belitskii and others. Samoletost i tekhn. vozd. flota no. 1 76-83 '65.
- Selecting a wear-resistant low-carbon hard facing metal operating under conditions of dry sliding friction. V. G. Krutikhovskii, E. I. A. Zaiman, K. G. Rizlankin. Avtom. svar. 19 no. 1, 19-22 Ja '66.
- Studying the coefficients of friction of some materials with a boron surface. N. F. Kur'man, P. P. Tsybulev. Bum. prom. no. 2, 8 F '66.

FRIT FLIES

- Diagnosis of the larvae of frit flies of the genus *Maromyza* Mg (Diptera, Chloropidae). L. I. Fedoseeva. Ent. obozr. 45 no. 1, 197-209 '66.

FRIT FLIES—EXTERMINATION

- Effect of the methods of growing grain crops on the harmfulness of the barley frit fly *Oscinella pusilla* L. G. Matia. Vest. sel'khoz. nauki [Kazakh] 9 no. 2, 31-38 F '66.

FRONTS (METEOROLOGY)

- Objective analysis of atmospheric fronts on a surface weather chart. E. L. Kostyuchenko. Meteor. i gidrol. no. 3, 37-40 Mr '66.

FROST PROTECTION

- Frost lifting of larch seedlings in the Trans-Ili Alatau nurseries. G. Kh. Buketkhanov. Vest. sel'khoz. nauki [Kazakh] 9 no. 2, 100-105 F '66.

FROST-RESISTANT CONCRETE—CORROSION

- Frost resistance of concrete subject to the aggressive saline medium. F. M. Ivanov and others. Gid. stol. 38 no. 2, 113-16 F '66.

FROZEN FISH see Fish, Frozen

FROZEN GROUND

- (see also subdivision under North region, Krasnoyarsk Territory)
- Characteristics of the calculation of gas reserves in gas fields occurring in permafrost regions. I. U. P. Makogon. Gaz. delo no. 1, 9-12 '66.
- Effect of the frozen ground layer of the deposit on the drying of milled peat. V. S. Varentsov, A. P. Dorov, V. I. Smirnov. Toif. prom. 13 no. 2, 19-21 '66.
- Naivite of the fracture of frozen soil if loosened by layers. M. I. Bovinskii, V. D. Telmakhin. Stoi. i dor. mash. 11 no. 3, 8-10 Mr '66.
- Reconstruction of buildings on permafrost soil. A. I. Dement'ev. Nauch. trudy AKKH no. 3, 41-45 '64.
- Side stability of overhead contact system structures on roadbed slopes. N. D. Marenkov. Vest. TSNII MPS 25 no. 2, 40-42 '66.
- Vibratory culting of frozen soils. V. L. Baizdinskii. Gor., stol. i dor. mash. no. 2, 56-65 '65.

FROZEN MEAT see Meat, Frozen

FROZEN POULTRY see Poultry, Frozen

FRUIT—CHEMICAL COMPOSITION see subdivision under Crimea

FRUIT—DISEASES AND PESTS see subdivision under Glesnar Range; Tambov Province

FRUIT—FROST RESISTANCE

- Characteristics of the absorption and distribution of labeled phosphorus in fruit and berry plants during winter. A. S. Ravkin. Vest. sel'khoz. nauki 10 no. 6, 22-26 Je '65.

FRUIT—LAW AND LEGISLATION

- State arbitration practice; certain problems arising in the practical application of the recent terms for the delivery of fruit and vegetable products. Sois. zakon, 49 no. 3 91-93 Mr '66.

FRUIT, CANNED

- Utilization of wild cornelian cherry in the canning industry of Dagestan. K. Y. Murzaev, L. D. Akhazov. Konz. i ov. prom. 21 no. 4, 14-16 Ap '66.

FRUIT CULTURE

- (see also subdivision under Maritime Territory)
- [Planting an orchard] Zakladka sada; sbornik statel. Moskva, Kolos, 1966. 254 p. (DNL)

FRUIT CULTURE—EXHIBITIONS

- Let the garden bloom in profusion. T. Bulbaeva. Inform. biul. VDNKH no. 129 Ap '66.

FRUIT TRADE

- (see also subdivision under Crimea)
- What prevents the procurement of more potatoes, vegetables and fruit. I. Shapiro. Zakup. sel'khoz. prod. no. 5, 21-22 Je '65.

FRUIT TRADE—MANAGEMENT see subdivision under Moldavia

FRUIT TREES

- Fruit and nut-bearing species used as shelterbelts. A. F. Litovkina. Vest. sel'khoz. nauki 10 no. 7, 38-40 Ji '65.

FRUIT TREES—DISEASES AND PESTS see subdivision under Azerbaijan

FRUNZE—TEXTILE INDUSTRY

- History of a movement for communist labor at the weaving and spinning mill in Frunze. G. G. Petukhova. Uch. zap. Osh. gos. ped. inst. no. 8, 42-53 '64.

FUEROMEGAN

- Treatment of peptic ulcer of the stomach and duodenum with fuieromegan. S. G. Pogorian. Azerb. med. zhur. 42 no. 11, 15-18 N '65.

FUEL

- All Union Scientific and Technical Conference on "Means for saving heat energy and fuel in industry." G. V. Zhukov. Prom. energ. 20 no. 4, 40-50 Ap '65.
- Study seminar on the saving of thermal and electrical energy. N. P. Kopteva. Prom. energ. 20 no. 4, 48-49 Ap '65.
- Suggestions having received recognition at the Nineteenth All-Union Competition on the Saving of Thermal and Electrical Energy. Prom. energ. 20 no. 4, 51-53 Ap '65.

FUEL PUMPS

(see also subdivision under Great Britain)

- Effect of the fuel pump sleeve deformation on the operative efficiency of the engine plunger pair of CHME2 diesel locomotives. A. I. Ilin, V. P. Skopskii. Trudy MIIT no. 20, 25-37 '65.

FUEL PUMPS—MAINTENANCE AND REPAIR

- Reconditioning the plunger pairs of fuel pumps. I. Undalov. Tekh. v sel'khoz. 26 no. 2, 73-74 F '66.

FUNCTIONAL ANALYSIS

- Asymptotic properties of certain functions regular in a unit circle. S. A. Akhmedov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 2, 8-14 '66.
- Combined increase of the modulus of a schlicht function and the modulus of its derivative. I. A. Aleksandrov, S. A. Kopanev. Sib. mat. zhur. 7 no. 1, 23-30 Ja-F '66.
- Convergence of the method of averaging of functional corrections. T. Sabirov, A. R. Esalan. Dokl. AN Tadzh. SSR 9 no. 1, 8-12 '66.
- Elementary proof of the reflexivity of the space of finite infinitely differentiable functions. V. G. Bondarev. Vest. Mosk. un. Ser. I; Mat., mekh. 21 no. 2, 11-14 Mr-Ap '66.
- Existence of intrinsic elements of one class of nonlinear equations. D. P. Zoraglin. Soob. AN Gruz. SSR 41 no. 1, 27-31 Ja '66.
- Fading of the singularities of analytic functions and mass transfer. R. E. Val'skii, V. P. Khavin. Sib. mat. zhur. 7 no. 1, 55-60 Ja-F '66.
- Functionals of derivatives in a complex plane. M. I. A. Zinger. Dokl. AN SSSR 166 no. 4, 775-778 F '66.
- General type of a linear continuous functional in a space of functions holomorphic in convex C^n spaces. L. A. Aizenberg. Dokl. AN SSSR 166 no. 5, 1015-1018 F '66.
- Generalization of a Jacobian manifold. A. N. Parashin. Izv. AN SSSR, Ser. mat. 30 no. 1, 175-182 '66.

Krasnosel'skii, P. P., and others. [Integral operators in spaces of summable functions] Integral'nye operatory v prostanstvakh summiruemykh funktsii. Moskva, Nauka, 1966. 409 p.

- Region of values of a certain functional in a class of bounded schlicht functions with real coefficients. V. V. Chernikov. Sib. mat. zhur. 7 no. 1, 200-205 Ja-F '66.
- Some methods for constructing iterative processes. G. I. Chandirov. Trudy Vych. isentra AN Azerb. SSR 3, 85-90 '66.

Some sufficient criteria of the stability of complete orthonormalized bases in $L_2[a, b]$ relative to the averaging operation. I. A. Gordin. Funkts. anal. i teor. funkts. no. 1, 13-21 '63.

Uniqueness of weak solutions to differential equations in Banach space and the convergence of successive approximations. I. U. G. Bolisovich. Funkts. anal. i teor. funkts. no. 1, 3-13 '63.

Univalent functions without general values in a multiply connected region. I. U. E. Alenitsyn. Dokl. AN SSSR 167 no. 1, 9-11 Mi '66.

Use of the variational method in deriving an equation describing the binary distribution functions. V. V. Votol'lo. Trudy VZFI no. 17, 45-55 '61.

FUNCTIONAL EQUATIONS

- Fourier transformation and Hecke's functional equation. B. S. Rimskii-Korsakov. Trudy VZFI no. 28, 73-79 '65.
- New numerical method for solving functional equations. A. P. Kalaida. Dop. AN URSSR no. 1, 20-23 '66.

FUNCTIONS

- Akademii nauk Tadzhikskoi SSR, Dushanbe. Fiziko-tekhnicheskii institut. [Studies on boundary value problems in the theory of functions and differential equations] Issledovaniia po kraevym zadacham teorii funktsii i differentsial'nykh uravnenii. Dushanbe, Izd-vo Akad. nauk Tadzhikskoi SSR, 1965. 128 p.
- Akademii nauk Uzbekskoi SSR, Tashkent. Institut matematiki. [Theory of functions and differential equations] Teoriia funktsii i differentsial'nye uravneniia. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR, 1965. 217 p.
- Algorithmic completeness of the means of analytic geometry. V. L. Rvachev. Dop. AN URSSR no. 1, 3-5 '66.
- Algorithms for evaluating a correlation formula. I. U. K. Postenko. Nauch. trudy SibVIM no. 2, 89-100 '64.
- Application of the principle of areas to problems involving nonoverlapping finitely connected regions. N. A. Lebedev. Dokl. AN SSSR 167 no. 1, 25-29 Mi '66.
- Approximation of certain classes of infinitely differentiable functions on the axis by integral functions of the exponential type. Kh. Madrakimov. Dop. AN URSSR no. 1, 41-45 '66.
- Best quadratic formulae for certain classes of functions. M. B. Akacov, A. Kh. Turtchik. Dokl. AN SSSR 166 no. 5, 1019-1021 F '66.
- Configuration problem in a class of generalized functions. I. U. I. Chetkii. Usp. mat. nauk 20 no. 5, 240-250 S-O '66.
- Expression of Lobachevskii-Graeffe products for Lauront series using a determinant. I. V. Viten'ko, O. M. Kostovskii. Dop. AN URSSR no. 1, 9-10 '66.
- Extremal properties of close-to-convex functions. I. A. Aleksandrov, V. I. A. Gutlinskii. Sib. mat. zhur. 7 no. 1, 3-22 Ja-F '66.
- Fundamental theorem of P. L. Chebyshev. G. I. Akrakhimov. Usp. mat. nauk 20 no. 5, 251-256 S-O '66.
- Imbedding and continuation theorems for one class of functions. Part I. S. V. Uspekii. Sib. mat. zhur. 7 no. 1, 102-109 Ja-F '66.
- Imbedding theorems for a class of functions with a mixed norm. A. P. Uninskii. Dokl. AN SSSR 166 no. 4, 806-808 F '66.
- Linear decision functions approaching optimum ones. N. G. Zagorudko. Vych. stat. no. 10, 87-78 '65.
- Linear equations in spaces of basic and generalized functions. Z. Presdorf. Dokl. AN SSSR 166 no. 4, 802-805 F '66.
- Method for constructing N-functions equivalent to complementary functions. I. L. Tsyganok. Usp. mat. nauk 20 no. 5, 243-246 S-O '65.
- A particular property of real functions. A. B. Gurevich. Dokl. AN BSSR no. 2, 77-78 F '66.
- A property of Haar's system. G. G. Kemkhadze. Soob. AN Gruz. SSR 41 no. 1, 33-40 Ja '66.
- Rate of convergence of stationary gradient relaxation. I. U. I. Kubitsh. Zhur. vych. mat. i mat. fiz. 6 no. 2, 356-360 Mr-Ap '66.
- Rate of convergence to stable distribution laws. I. U. P. Studnev. Dokl. AN SSSR 167 no. 1, 31-37 Mi '66.
- Search for the extremum of functions based on the information maximum principle. I. U. L. Neim. Avtom. i telemek. no. 1, 113-118 '66.
- Self-reciprocal functions combined with Dirichlet's series. B. S. Rimskii-Korsakov. Trudy VZFI no. 28, 55-72 '65.
- Use of the method of characteristic functions in statistical physics. Part I. V. V. Votol'lo. Trudy VZFI no. 17, 56-60 '61.
- The variational method in the theory of bounded type functions. S. A. Gel'fer. Mat. sbor. 69 no. 3, 422-433 Mr '66.

FUNCTIONS, ANALYTIC

- Approximation of periodic analytic functions by certain singular integrals. L. A. Ivanov. Vest. AN BSSR, Ser. fiz.-mat. nav. no. 1, 67-81 '66.
- Completeness of certain types of sequences of analytic functions. I. U. A. Kaz'min. Sib. mat. zhur. 7 no. 1, 170-82 Ja-F '66.
- Conditions of nontriviality of certain classes of functions analytic in an angle, and some problems of quasi-analyticity. D. I. Korovin. Dokl. AN SSSR 166 no. 5, 1046-1049 F '66.

FUROCCUMARIN

Lebanolite, a new furoccumarin from Lebanonite transannular condensation. S. I. Pichukenko. Khim. prirod. soed. no. 3:215-220 '65

FUROXAN

Electrochemical reduction of furazans and furoxans. E. S. Lavin, Z. I. Gudimov, Z. V. Todor, Elektrokhimiya 2 no. 2:175-181 '66

FUSARIUM

Gibberellins and related substances. Report No. 2: Isolation of some metabolites from Fusarium moniliforme. E. P. Seichukov, V. F. Kuchev, G. S. Muromsky, Khim. prirod. soed. 2 no. 1:55-58 '66

Results of testing methyl bromide against fusarium infection of cucumber-beet bug hawthorn (Oenothera lamarckiana) x O. grandis (L.) cultivated under glass. O. M. Dzidzina. Trudy Sukh. opyt. sta. efimomsk. kul't. no. 5:89-90 '61

FUSARIUM—GENETIC RESEARCH

Use of mutagenic factors in selecting gibberellin-producing Fusarium moniliforme strains. L. I. Pichukenko, L. V. Solov'eva. Genetika no. 1:109-115 Ja '66

FUSED SALTS

Cathodic reduction of oxygen in molten carbonates. Part 2: Effect of the composition of electrolyte, process temperature, and nature of electrode material on the electroreduction of oxygen in carbonate melts. A. V. Shtakov, G. V. Turikov, N. P. Vasil'ev, Elektrokhimiya 2 no. 2:205-208 '66

Complex formation of fused fluorides of rare earth and alkali metals. G. A. Bulshova, E. P. Babayeva, Zhur. neorg. khim. 11 no. 3:624-627 Mr '66

Electrochemical pressure transducers. B. H. Larmenko, S. P. Fainov, A. A. Fakhtov, Tekhn. fiz. i tekhn. mat. no. 1:72-73 '65

Solubility of Cd in fused CdCl₂ - ZnCl₂. I. I. Rodionov, V. R. Klokman, Radiokhimiya 6 no. 1:59-61 '66

Synthetic Li⁺, Cs⁺, Sr²⁺, Ba²⁺. E. P. Babayeva, G. A. Bulshova, Zhur. neorg. khim. 11 no. 3:648-651 Mr '66

Synthetic Na⁺, K⁺, Y³⁺. G. A. Bulshova, E. P. Babayeva, Zhur. neorg. khim. 11 no. 3:641-647 Mr '66

Temperature dependence of surface tension of molten halides with a number of components of two and higher. O. K. Sokolov, Izv. AN SSSR, Mat., no. 1:58-60 Ja-F '66

FUSED SALTS—THERMODYNAMICS

Thermodynamic properties of fused salt mixtures. Part 7. N. L. Laryin-Agaev, Zhur. fiz. khim. 40 no. 3:513-515 Mi '66

GAGARIN, IURI ALEKSEEVICH, 1934-

Citizen of the Soviet Union (to be continued). N. Kamanin. Av. kosm. 14 no. 1:70-77 '62

GAIDAR, ARKADI PETROVICH, 1904-1941

Initial projects of A. Gaidar. G. P. Logvin, Zbir. nauk. prats' asp. 2 filol. Kyiv. un. no. 18:29-38 '63

One day with Gaidar. Anatoli Tybin, Sov. voln 47 no. 18:17 O '65

GAIDUKOVICH, VIKTOR FRANTSEVICH, 1904-

V. F. Gaidukovich, on his 60th birthday. A. V. Gaidlo, Vest. LGU 20 no. 2:175 '65

GALENA—TESTING

Electrophysical properties of galenite of different deposits. A. I. Kravchenko, A. Kh. Timchenko, A. A. Godovikov, Dokl. AN SSSR 161 no. 1:172-175 Mi '66

GALILEI, GALILEO, 1564-1642

Galileo Galilei and some problems of linguistics, on the 400th anniversary of Galilei's birth, 1564-1964. A. A. Kasatkina, Vest. LGU 19 no. 20:110-122 '64

GALL MITE see subdivision under Krasnodar

GALLATES

Catechol gallates from Rheum maximoviczii. L. Los, T. K. Chumalov, L. T. Pashina, Khim. prirod. soed. 2 no. 1:26-29 '66

GALLBLADDER—DISEASES

Activity of serum enzymes (transaminase and aldolase) in pulmonary tuberculosis and associated diseases of the liver and gallbladder. A. M. Vildomay, Z. A. Evgrafova, Probi, tub. no. 3:74-81 '65

Blood aldolase in diseases of the biliary tract and the pancreas. R. G. Ambartsumian, Khirurgiya 42 no. 3:56-58 Mr '65

Incidence of diseases of the biliary tract: polycystic materials. A. M. Shukhtina, A. N. Butts, Sov. med. 29 no. 5:82-83 My '64

Treatment of patients with chronic cholecystitis at the Druskinkai Health Resort. I. V. Kozlovskii, Sov. med. 29 no. 1:103-108 Ja '66

Use of tetracycline and streptomycin in treating patients with chronic hepatitis and cholecystitis. T. I. Loran'skaya, Antibiotiki 11 no. 3:270-273 Mr '66

GALLBLADDER—MOTILITY

Motor function of the gallbladder in cholelithiasis. A. V. Chachava, Sob. AN Gru. SSR 11 no. 1:189-206 Ja '66

GALLIUM see subdivision under Turkmenistan

GALLIUM ARSENIDE CRYSTALS—GROWTH

Distribution coefficient of zinc in gallium arsenide depending on composition. M. G. Mikhalev, O. V. Polvin, A. I. Belav, Izv. AN SSSR Neorg. mat. 2 no. 2:219-220 '66

GALLIUM ARSENIDES

Some properties of indium arsenide and gallium arsenide alloyed with tellurium. I. I. Khachatryan and others. Izv. AN SSSR Neorg. mat. 2 no. 2:215-218 '66

GALLIUM ARSENIDES—ELASTIC PROPERTIES

Microhardness of gallium arsenide. A. F. Kravchenko, K. N. Kot, M. I. Divak, Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3:90-95 '61

GALLIUM ARSENIDES—PHOTOELECTRIC PROPERTIES

Condenser photo-cathodes on GaAs. M. L. Dmytruk, V. I. Lishtenko, Ukr. fiz. zhur. 11 no. 2:163-170 '66

GALLIUM COMPOUNDS

Physicochemical study of GaCl₃ - MeCl systems. Report No. 1: Study of the binary system GaCl₃ - NaCl thermography and densimetry. V. N. Arbekov, E. S. Petrov, Izv. SO AN SSSR no. 11 Ser. khim. nauk no. 3:55-59 '61

GALLIUM ELECTRODES see Electrodes, Gallium

GALLIUM PHOSPHIDES—SPECTRA

A semiconductor source of visible radiation. G. A. Nakaidze and others. Sob. AN Gru. SSR 41 no. 1:45-48 Ja '66

GAMES OF CHANCE (MATHEMATICS)

Blindfold games. V. I. Krivitskiy, V. A. Ponomarev, Biometrika 6 no. 3:372-375 '64

GAMMA GLOBULIN

Producing and using gamma globulin in dyspepsia of lambs. N. V. Klenin and others. Veterinaria 12 no. 1:55-57 Ja '66

Prophylactic and therapeutic action of gamma globulin in Aujeszky's disease. I. I. Lukashov, Vest. sel'khoz. nauki 10 no. 7:101-105 Ji '65

GAMMA-RAY SPECTROMETRY

Absorption cross section of gamma quanta by ¹⁹F, ²¹Mg, and ²⁴Ca nuclei in the 10 - 30 Mev energy range. B. S. Dolbikhin and others. Izv. AN SSSR Ser. fiz. 30 no. 2:349-358 F '66

Use of the gamma-spectrometry method in measuring the yield of the capture and fission cross sections for ²³⁸U. L. N. Urova, A. V. Bashuev, Atom. energ. 20 no. 1:80-81 Ja '66

GAMMA RAYS

Angular distribution of gamma radiation following Coulomb excitation of ⁶⁰Co, ⁶³Ni, ¹⁴⁰La, and ¹⁵¹Eu nuclei. G. M. Gavrilin, L. Kh. Leimberg, Izv. AN SSSR, Ser. fiz. 30 no. 3:449-451 Mr '66

Modeling the stochastic energy of a gamma quantum scattered due to the Compton effect. I. G. Diad'kin, Zhur. vych. mat. i mat. fiz. 6 no. 2:381-383 Mr-Apr '66

Use of a semiconductor Ge(Li) detector in studying the soft gamma radiation from odd-odd ⁴⁸Sc, ⁵⁶Mn, ⁶⁰Co, ¹⁵²Eu, ¹⁵⁴Eu, ¹⁵⁶Eu, ¹⁵⁸Eu, ¹⁶⁰Eu, ¹⁶²Eu, ¹⁶⁴Eu, ¹⁶⁶Eu, ¹⁶⁸Eu, ¹⁷⁰Eu, ¹⁷²Eu, ¹⁷⁴Eu, ¹⁷⁶Eu, ¹⁷⁸Eu, ¹⁸⁰Eu, ¹⁸²Eu, ¹⁸⁴Eu, ¹⁸⁶Eu, ¹⁸⁸Eu, ¹⁹⁰Eu, ¹⁹²Eu, ¹⁹⁴Eu, ¹⁹⁶Eu, ¹⁹⁸Eu, ²⁰⁰Eu, ²⁰²Eu, ²⁰⁴Eu, ²⁰⁶Eu, ²⁰⁸Eu, ²¹⁰Eu, ²¹²Eu, ²¹⁴Eu, ²¹⁶Eu, ²¹⁸Eu, ²²⁰Eu, ²²²Eu, ²²⁴Eu, ²²⁶Eu, ²²⁸Eu, ²³⁰Eu, ²³²Eu, ²³⁴Eu, ²³⁶Eu, ²³⁸Eu, ²⁴⁰Eu, ²⁴²Eu, ²⁴⁴Eu, ²⁴⁶Eu, ²⁴⁸Eu, ²⁵⁰Eu, ²⁵²Eu, ²⁵⁴Eu, ²⁵⁶Eu, ²⁵⁸Eu, ²⁶⁰Eu, ²⁶²Eu, ²⁶⁴Eu, ²⁶⁶Eu, ²⁶⁸Eu, ²⁷⁰Eu, ²⁷²Eu, ²⁷⁴Eu, ²⁷⁶Eu, ²⁷⁸Eu, ²⁸⁰Eu, ²⁸²Eu, ²⁸⁴Eu, ²⁸⁶Eu, ²⁸⁸Eu, ²⁹⁰Eu, ²⁹²Eu, ²⁹⁴Eu, ²⁹⁶Eu, ²⁹⁸Eu, ³⁰⁰Eu, ³⁰²Eu, ³⁰⁴Eu, ³⁰⁶Eu, ³⁰⁸Eu, ³¹⁰Eu, ³¹²Eu, ³¹⁴Eu, ³¹⁶Eu, ³¹⁸Eu, ³²⁰Eu, ³²²Eu, ³²⁴Eu, ³²⁶Eu, ³²⁸Eu, ³³⁰Eu, ³³²Eu, ³³⁴Eu, ³³⁶Eu, ³³⁸Eu, ³⁴⁰Eu, ³⁴²Eu, ³⁴⁴Eu, ³⁴⁶Eu, ³⁴⁸Eu, ³⁵⁰Eu, ³⁵²Eu, ³⁵⁴Eu, ³⁵⁶Eu, ³⁵⁸Eu, ³⁶⁰Eu, ³⁶²Eu, ³⁶⁴Eu, ³⁶⁶Eu, ³⁶⁸Eu, ³⁷⁰Eu, ³⁷²Eu, ³⁷⁴Eu, ³⁷⁶Eu, ³⁷⁸Eu, ³⁸⁰Eu, ³⁸²Eu, ³⁸⁴Eu, ³⁸⁶Eu, ³⁸⁸Eu, ³⁹⁰Eu, ³⁹²Eu, ³⁹⁴Eu, ³⁹⁶Eu, ³⁹⁸Eu, ⁴⁰⁰Eu, ⁴⁰²Eu, ⁴⁰⁴Eu, ⁴⁰⁶Eu, ⁴⁰⁸Eu, ⁴¹⁰Eu, ⁴¹²Eu, ⁴¹⁴Eu, ⁴¹⁶Eu, ⁴¹⁸Eu, ⁴²⁰Eu, ⁴²²Eu, ⁴²⁴Eu, ⁴²⁶Eu, ⁴²⁸Eu, ⁴³⁰Eu, ⁴³²Eu, ⁴³⁴Eu, ⁴³⁶Eu, ⁴³⁸Eu, ⁴⁴⁰Eu, ⁴⁴²Eu, ⁴⁴⁴Eu, ⁴⁴⁶Eu, ⁴⁴⁸Eu, ⁴⁵⁰Eu, ⁴⁵²Eu, ⁴⁵⁴Eu, ⁴⁵⁶Eu, ⁴⁵⁸Eu, ⁴⁶⁰Eu, ⁴⁶²Eu, ⁴⁶⁴Eu, ⁴⁶⁶Eu, ⁴⁶⁸Eu, ⁴⁷⁰Eu, ⁴⁷²Eu, ⁴⁷⁴Eu, ⁴⁷⁶Eu, ⁴⁷⁸Eu, ⁴⁸⁰Eu, ⁴⁸²Eu, ⁴⁸⁴Eu, ⁴⁸⁶Eu, ⁴⁸⁸Eu, ⁴⁹⁰Eu, ⁴⁹²Eu, ⁴⁹⁴Eu, ⁴⁹⁶Eu, ⁴⁹⁸Eu, ⁵⁰⁰Eu, ⁵⁰²Eu, ⁵⁰⁴Eu, ⁵⁰⁶Eu, ⁵⁰⁸Eu, ⁵¹⁰Eu, ⁵¹²Eu, ⁵¹⁴Eu, ⁵¹⁶Eu, ⁵¹⁸Eu, ⁵²⁰Eu, ⁵²²Eu, ⁵²⁴Eu, ⁵²⁶Eu, ⁵²⁸Eu, ⁵³⁰Eu, ⁵³²Eu, ⁵³⁴Eu, ⁵³⁶Eu, ⁵³⁸Eu, ⁵⁴⁰Eu, ⁵⁴²Eu, ⁵⁴⁴Eu, ⁵⁴⁶Eu, ⁵⁴⁸Eu, ⁵⁵⁰Eu, ⁵⁵²Eu, ⁵⁵⁴Eu, ⁵⁵⁶Eu, ⁵⁵⁸Eu, ⁵⁶⁰Eu, ⁵⁶²Eu, ⁵⁶⁴Eu, ⁵⁶⁶Eu, ⁵⁶⁸Eu, ⁵⁷⁰Eu, ⁵⁷²Eu, ⁵⁷⁴Eu, ⁵⁷⁶Eu, ⁵⁷⁸Eu, ⁵⁸⁰Eu, ⁵⁸²Eu, ⁵⁸⁴Eu, ⁵⁸⁶Eu, ⁵⁸⁸Eu, ⁵⁹⁰Eu, ⁵⁹²Eu, ⁵⁹⁴Eu, ⁵⁹⁶Eu, ⁵⁹⁸Eu, ⁶⁰⁰Eu, ⁶⁰²Eu, ⁶⁰⁴Eu, ⁶⁰⁶Eu, ⁶⁰⁸Eu, ⁶¹⁰Eu, ⁶¹²Eu, ⁶¹⁴Eu, ⁶¹⁶Eu, ⁶¹⁸Eu, ⁶²⁰Eu, ⁶²²Eu, ⁶²⁴Eu, ⁶²⁶Eu, ⁶²⁸Eu, ⁶³⁰Eu, ⁶³²Eu, ⁶³⁴Eu, ⁶³⁶Eu, ⁶³⁸Eu, ⁶⁴⁰Eu, ⁶⁴²Eu, ⁶⁴⁴Eu, ⁶⁴⁶Eu, ⁶⁴⁸Eu, ⁶⁵⁰Eu, ⁶⁵²Eu, ⁶⁵⁴Eu, ⁶⁵⁶Eu, ⁶⁵⁸Eu, ⁶⁶⁰Eu, ⁶⁶²Eu, ⁶⁶⁴Eu, ⁶⁶⁶Eu, ⁶⁶⁸Eu, ⁶⁷⁰Eu, ⁶⁷²Eu, ⁶⁷⁴Eu, ⁶⁷⁶Eu, ⁶⁷⁸Eu, ⁶⁸⁰Eu, ⁶⁸²Eu, ⁶⁸⁴Eu, ⁶⁸⁶Eu, ⁶⁸⁸Eu, ⁶⁹⁰Eu, ⁶⁹²Eu, ⁶⁹⁴Eu, ⁶⁹⁶Eu, ⁶⁹⁸Eu, ⁷⁰⁰Eu, ⁷⁰²Eu, ⁷⁰⁴Eu, ⁷⁰⁶Eu, ⁷⁰⁸Eu, ⁷¹⁰Eu, ⁷¹²Eu, ⁷¹⁴Eu, ⁷¹⁶Eu, ⁷¹⁸Eu, ⁷²⁰Eu, ⁷²²Eu, ⁷²⁴Eu, ⁷²⁶Eu, ⁷²⁸Eu, ⁷³⁰Eu, ⁷³²Eu, ⁷³⁴Eu, ⁷³⁶Eu, ⁷³⁸Eu, ⁷⁴⁰Eu, ⁷⁴²Eu, ⁷⁴⁴Eu, ⁷⁴⁶Eu, ⁷⁴⁸Eu, ⁷⁵⁰Eu, ⁷⁵²Eu, ⁷⁵⁴Eu, ⁷⁵⁶Eu, ⁷⁵⁸Eu, ⁷⁶⁰Eu, ⁷⁶²Eu, ⁷⁶⁴Eu, ⁷⁶⁶Eu, ⁷⁶⁸Eu, ⁷⁷⁰Eu, ⁷⁷²Eu, ⁷⁷⁴Eu, ⁷⁷⁶Eu, ⁷⁷⁸Eu, ⁷⁸⁰Eu, ⁷⁸²Eu, ⁷⁸⁴Eu, ⁷⁸⁶Eu, ⁷⁸⁸Eu, ⁷⁹⁰Eu, ⁷⁹²Eu, ⁷⁹⁴Eu, ⁷⁹⁶Eu, ⁷⁹⁸Eu, ⁸⁰⁰Eu, ⁸⁰²Eu, ⁸⁰⁴Eu, ⁸⁰⁶Eu, ⁸⁰⁸Eu, ⁸¹⁰Eu, ⁸¹²Eu, ⁸¹⁴Eu, ⁸¹⁶Eu, ⁸¹⁸Eu, ⁸²⁰Eu, ⁸²²Eu, ⁸²⁴Eu, ⁸²⁶Eu, ⁸²⁸Eu, ⁸³⁰Eu, ⁸³²Eu, ⁸³⁴Eu, ⁸³⁶Eu, ⁸³⁸Eu, ⁸⁴⁰Eu, ⁸⁴²Eu, ⁸⁴⁴Eu, ⁸⁴⁶Eu, ⁸⁴⁸Eu, ⁸⁵⁰Eu, ⁸⁵²Eu, ⁸⁵⁴Eu, ⁸⁵⁶Eu, ⁸⁵⁸Eu, ⁸⁶⁰Eu, ⁸⁶²Eu, ⁸⁶⁴Eu, ⁸⁶⁶Eu, ⁸⁶⁸Eu, ⁸⁷⁰Eu, ⁸⁷²Eu, ⁸⁷⁴Eu, ⁸⁷⁶Eu, ⁸⁷⁸Eu, ⁸⁸⁰Eu, ⁸⁸²Eu, ⁸⁸⁴Eu, ⁸⁸⁶Eu, ⁸⁸⁸Eu, ⁸⁹⁰Eu, ⁸⁹²Eu, ⁸⁹⁴Eu, ⁸⁹⁶Eu, ⁸⁹⁸Eu, ⁹⁰⁰Eu, ⁹⁰²Eu, ⁹⁰⁴Eu, ⁹⁰⁶Eu, ⁹⁰⁸Eu, ⁹¹⁰Eu, ⁹¹²Eu, ⁹¹⁴Eu, ⁹¹⁶Eu, ⁹¹⁸Eu, ⁹²⁰Eu, ⁹²²Eu, ⁹²⁴Eu, ⁹²⁶Eu, ⁹²⁸Eu, ⁹³⁰Eu, ⁹³²Eu, ⁹³⁴Eu, ⁹³⁶Eu, ⁹³⁸Eu, ⁹⁴⁰Eu, ⁹⁴²Eu, ⁹⁴⁴Eu, ⁹⁴⁶Eu, ⁹⁴⁸Eu, ⁹⁵⁰Eu, ⁹⁵²Eu, ⁹⁵⁴Eu, ⁹⁵⁶Eu, ⁹⁵⁸Eu, ⁹⁶⁰Eu, ⁹⁶²Eu, ⁹⁶⁴Eu, ⁹⁶⁶Eu, ⁹⁶⁸Eu, ⁹⁷⁰Eu, ⁹⁷²Eu, ⁹⁷⁴Eu, ⁹⁷⁶Eu, ⁹⁷⁸Eu, ⁹⁸⁰Eu, ⁹⁸²Eu, ⁹⁸⁴Eu, ⁹⁸⁶Eu, ⁹⁸⁸Eu, ⁹⁹⁰Eu, ⁹⁹²Eu, ⁹⁹⁴Eu, ⁹⁹⁶Eu, ⁹⁹⁸Eu, ¹⁰⁰⁰Eu, ¹⁰⁰²Eu, ¹⁰⁰⁴Eu, ¹⁰⁰⁶Eu, ¹⁰⁰⁸Eu, ¹⁰¹⁰Eu, ¹⁰¹²Eu, ¹⁰¹⁴Eu, ¹⁰¹⁶Eu, ¹⁰¹⁸Eu, ¹⁰²⁰Eu, ¹⁰²²Eu, ¹⁰²⁴Eu, ¹⁰²⁶Eu, ¹⁰²⁸Eu, ¹⁰³⁰Eu, ¹⁰³²Eu, ¹⁰³⁴Eu, ¹⁰³⁶Eu, ¹⁰³⁸Eu, ¹⁰⁴⁰Eu, ¹⁰⁴²Eu, ¹⁰⁴⁴Eu, ¹⁰⁴⁶Eu, ¹⁰⁴⁸Eu, ¹⁰⁵⁰Eu, ¹⁰⁵²Eu, ¹⁰⁵⁴Eu, ¹⁰⁵⁶Eu, ¹⁰⁵⁸Eu, ¹⁰⁶⁰Eu, ¹⁰⁶²Eu, ¹⁰⁶⁴Eu, ¹⁰⁶⁶Eu, ¹⁰⁶⁸Eu, ¹⁰⁷⁰Eu, ¹⁰⁷²Eu, ¹⁰⁷⁴Eu, ¹⁰⁷⁶Eu, ¹⁰⁷⁸Eu, ¹⁰⁸⁰Eu, ¹⁰⁸²Eu, ¹⁰⁸⁴Eu, ¹⁰⁸⁶Eu, ¹⁰⁸⁸Eu, ¹⁰⁹⁰Eu, ¹⁰⁹²Eu, ¹⁰⁹⁴Eu, ¹⁰⁹⁶Eu, ¹⁰⁹⁸Eu, ¹¹⁰⁰Eu, ¹¹⁰²Eu, ¹¹⁰⁴Eu, ¹¹⁰⁶Eu, ¹¹⁰⁸Eu, ¹¹¹⁰Eu, ¹¹¹²Eu, ¹¹¹⁴Eu, ¹¹¹⁶Eu, ¹¹¹⁸Eu, ¹¹²⁰Eu, ¹¹²²Eu, ¹¹²⁴Eu, ¹¹²⁶Eu, ¹¹²⁸Eu, ¹¹³⁰Eu, ¹¹³²Eu, ¹¹³⁴Eu, ¹¹³⁶Eu, ¹¹³⁸Eu, ¹¹⁴⁰Eu, ¹¹⁴²Eu, ¹¹⁴⁴Eu, ¹¹⁴⁶Eu, ¹¹⁴⁸Eu, ¹¹⁵⁰Eu, ¹¹⁵²Eu, ¹¹⁵⁴Eu, ¹¹⁵⁶Eu, ¹¹⁵⁸Eu, ¹¹⁶⁰Eu, ¹¹⁶²Eu, ¹¹⁶⁴Eu, ¹¹⁶⁶Eu, ¹¹⁶⁸Eu, ¹¹⁷⁰Eu, ¹¹⁷²Eu, ¹¹⁷⁴Eu, ¹¹⁷⁶Eu, ¹¹⁷⁸Eu, ¹¹⁸⁰Eu, ¹¹⁸²Eu, ¹¹⁸⁴Eu, ¹¹⁸⁶Eu, ¹¹⁸⁸Eu, ¹¹⁹⁰Eu, ¹¹⁹²Eu, ¹¹⁹⁴Eu, ¹¹⁹⁶Eu, ¹¹⁹⁸Eu, ¹²⁰⁰Eu, ¹²⁰²Eu, ¹²⁰⁴Eu, ¹²⁰⁶Eu, ¹²⁰⁸Eu, ¹²¹⁰Eu, ¹²¹²Eu, ¹²¹⁴Eu, ¹²¹⁶Eu, ¹²¹⁸Eu, ¹²²⁰Eu, ¹²²²Eu, ¹²²⁴Eu, ¹²²⁶Eu, ¹²²⁸Eu, ¹²³⁰Eu, ¹²³²Eu, ¹²³⁴Eu, ¹²³⁶Eu, ¹²³⁸Eu, ¹²⁴⁰Eu, ¹²⁴²Eu, ¹²⁴⁴Eu, ¹²⁴⁶Eu, ¹²⁴⁸Eu, ¹²⁵⁰Eu, ¹²⁵²Eu, ¹²⁵⁴Eu, ¹²⁵⁶Eu, ¹²⁵⁸Eu, ¹²⁶⁰Eu, ¹²⁶²Eu, ¹²⁶⁴Eu, ¹²⁶⁶Eu, ¹²⁶⁸Eu, ¹²⁷⁰Eu, ¹²⁷²Eu, ¹²⁷⁴Eu, ¹²⁷⁶Eu, ¹²⁷⁸Eu, ¹²⁸⁰Eu, ¹²⁸²Eu, ¹²⁸⁴Eu, ¹²⁸⁶Eu, ¹²⁸⁸Eu, ¹²⁹⁰Eu, ¹²⁹²Eu, ¹²⁹⁴Eu, ¹²⁹⁶Eu, ¹²⁹⁸Eu, ¹³⁰⁰Eu, ¹³⁰²Eu, ¹³⁰⁴Eu, ¹³⁰⁶Eu, ¹³⁰⁸Eu, ¹³¹⁰Eu, ¹³¹²Eu, ¹³¹⁴Eu, ¹³¹⁶Eu, ¹³¹⁸Eu, ¹³²⁰Eu, ¹³²²Eu, ¹³²⁴Eu, ¹³²⁶Eu, ¹³²⁸Eu, ¹³³⁰Eu, ¹³³²Eu, ¹³³⁴Eu, ¹³³⁶Eu, ¹³³⁸Eu, ¹³⁴⁰Eu, ¹³⁴²Eu, ¹³⁴⁴Eu, ¹³⁴⁶Eu, ¹³⁴⁸Eu, ¹³⁵⁰Eu, ¹³⁵²Eu, ¹³⁵⁴Eu, ¹³⁵⁶Eu, ¹³⁵⁸Eu, ¹³⁶⁰Eu, ¹³⁶²Eu, ¹³⁶⁴Eu, ¹³⁶⁶Eu, ¹³⁶⁸Eu, ¹³⁷⁰Eu, ¹³⁷²Eu, ¹³⁷⁴Eu, ¹³⁷⁶Eu, ¹³⁷⁸Eu, ¹³⁸⁰Eu, ¹³⁸²Eu, ¹³⁸⁴Eu, ¹³⁸⁶Eu, ¹³⁸⁸Eu, ¹³⁹⁰Eu, ¹³⁹²Eu, ¹³⁹⁴Eu, ¹³⁹⁶Eu, ¹³⁹⁸Eu, ¹⁴⁰⁰Eu, ¹⁴⁰²Eu, ¹⁴⁰⁴Eu, ¹⁴⁰⁶Eu, ¹⁴⁰⁸Eu, ¹⁴¹⁰Eu, ¹⁴¹²Eu, ¹⁴¹⁴Eu, ¹⁴¹⁶Eu, ¹⁴¹⁸Eu, ¹⁴²⁰Eu, ¹⁴²²Eu, ¹⁴²⁴Eu, ¹⁴²⁶Eu, ¹⁴²⁸Eu, ¹⁴³⁰Eu, ¹⁴³²Eu, ¹⁴³⁴Eu, ¹⁴³⁶Eu, ¹⁴³⁸Eu, ¹⁴⁴⁰Eu, ¹⁴⁴²Eu, ¹⁴⁴⁴Eu, ¹⁴⁴⁶Eu, ¹⁴⁴⁸Eu, ¹⁴⁵⁰Eu, ¹⁴⁵²Eu, ¹⁴⁵⁴Eu, ¹⁴⁵⁶Eu, ¹⁴⁵⁸Eu, ¹⁴⁶⁰Eu, ¹⁴⁶²Eu, ¹⁴⁶⁴Eu, ¹⁴⁶⁶Eu, ¹⁴⁶⁸Eu, ¹⁴⁷⁰Eu, ¹⁴⁷²Eu, ¹⁴⁷⁴Eu, ¹⁴⁷⁶Eu,

- GAS, NATURAL (Continued)**
Separation of gas from liquid in a shut-in well being drilled. R. S. Gurbanov and others. *Izv. vuz. ucheb. zav. nefte i gaz* 9 no. 1:27-29 '66.
- Single-pipe pressure diagram showing the airtightness of a gathering system used in the simultaneous development of oil and condensate wells. S. A. Vezirov. *Azerb. nefte khoz.* 15 no. 1:16-17 Ja '66.
- GAS, NATURAL—ANALYSIS** see subdivision under Caucasus, Northern; Shakhlinka Gas Field
- GAS, NATURAL—COMBUSTION**
Investigating the characteristics of the structure of the free hot jet of low-calorific gas. V. I. Aiseeva, V. V. Arseev. *Giz, delo* no. 1:26-30 '66.
- Nomogram for calculating the coefficients of excess air and of the thinning of dry products of natural gas combustion. F. G. Tagil-Zade, V. F. Mubeev. *Gaz. prom.* 11 no. 2:43 '66.
- GAS, NATURAL—DRYING**
Drying gases by absorption at low temperatures. A. P. Klemenko, V. I. Mogil'nyi. *Gaz. prom.* 11 no. 2:46-51 '66.
- GAS, NATURAL—GEOLOGY**
(see also subdivision under Amu Darya Valley, Apsheron Archipelago, Baskiria, Basyagan Valley, Derezovo Gas Field, Carpathian Mountain region, Carpathian Mountains, Caspian Sea region; Caucasus, Northern; Crimea, Daghestan, Dnieper-Donets Lowland; Dzheyranchizma Depression, Dzhezkazgan Depression, Gazli Gas Field; Grynova Gas Field, Kamchatka, Kobystan; Kutan, Noril'sk region, Krasnoyarsk Territory, Siberia, Western, Tajikistan, Ukraine, Ural Mountains; Uzbekistan, Volgograd Province; Volyn'-Podolian Upland, West Siberian Plain)
Calculating the time of formation of pools. L. P. Lavrushko. *Geol. nefte i gaza* 10 no. 1:44-45 Ja '66.
- Combined use of indicator curves and pressure build-up curves for evaluating oil and gas reserves in fractured reservoirs. F. I. Kotikhov. *Geol. nefte i gaza* 10 no. 2:51-60 F '66.
- Determining the time of the formation of gas pools. A. K. Ivanov, I. U. E. Kordilov. *Geol. i geokhim. nefte i gaz. mestorozh.* no. 1:131-139 '65.
- Dvally, M. F., and M. D. Belonin. [Prospects for finding oil and gas at great depths in the U.S.S.R.] *Perspektivy poiskov nefte i gaza na bol'shikh glublinakh na territorii SSSR*. Leningrad, Nedra, 1965. 136 p. (Leningrad. Vsesoyuznyi neftianol nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 243)
- Freeing the 23d Congress of the CPSU. *Geol. nefte i gaza* 10 no. 1:1-3 Ja '66.
- Halogen sediments of the U.S.S.R. and their relation to oil and gas potentials. *Dokl. AN SSSR* 10 no. 1:32-36 Ja '66.
- Methods for studying the gas potentials of ore deposits. A. I. Fridman. *Razved. i okh. nedr.* 32 no. 2:20-24 F '66.
- Quantitative relationship of oil and gas in a pool. A. L. Putkaradze, A. L. Kodzhadze. *Izv. AN Azerb. SSR. Ser. geol.-geog. nauk* no. 5:10-15 '65.
- Using statistical indications on the disintegration of the basement in evaluating oil and gas reserves. V. P. Bukhartsev. *Neftgaz, geol. i geofiz.* no. 2:30-34 '68.
- GAS, NATURAL—HYDRATES**
Laboratory investigations of the effect of the surface of pipes on the formation and deposition of hydrates. T. A. Saifeev. *Gaz. delo* no. 1:12-15 '65.
- GAS, NATURAL—PIPELINES**
Disagreeable mistakes and shortcomings. M. A. Nechaev. *Stroitel'no-truboprov.* no. 12:29 D '65.
- Effect of voltages on the performance of looped gas pipelines. E. L. Vol'skii. *Gaz. prom.* 11 no. 2:25-29 '66.
- Improve the method of testing gas pipelines. O. Zh. Kainin, V. V. Karnaushchenko. *Stroitel'no-truboprov.* 10 no. 5:31-32 My '65.
- The main gas pipelines of our country. B. Markin. *Agitator* 33 no. 4:12-14 F '66.
- Some characteristics of the methods of constructing the gaslines from Soviet Central Asia to Central Russia. A. N. Vysotskii. *Stroitel'no-truboprov.* no. 12:17-20 D '65.
- Work organization at the southern sections of the gas pipeline from Central Asia to Central Russia. *Stroitel'no-truboprov.* 10 no. 5:8-10 My '65.
- GAS, NATURAL—PROCESSING**
Installation for processing gas for feeding pneumatic elements of automatic control systems. P. V. Levkov, T. S. Duzheva. *Gaz. delo* no. 1:16-18 '65.
- Obtaining elemental sulfur when removing hydrogen sulfide from natural gas. M. M. Al'shuler, E. N. D'ina, S. D. Kilamer. *Gaz. prom.* 11 no. 2:51-54 '66.
- System for the automatic control of processes of producing and preliminary processing of natural gas. V. T. German. *Gaz. delo* no. 2:31-37 '66.
- GAS, NATURAL—SEPARATION**
Starting a low temperature separation installation using diethylene glycol. V. P. Maksimov and others. *Gaz. prom.* 11 no. 2:14-17 '66.
- GAS, NATURAL—TRANSPORTATION**
(see also subdivision under Krasnodar Territory)
Automated combined gathering of oil and ceasing head gas. R. L. Isaevich, V. G. Fridman. *Trudy VNIKhanefti* no. 1:20-21 '65.
- GAS APPLIANCES**
Use of gas fuel for fabric singeing. V. N. Chizhov and others. *Tekst. prom.* 26 no. 3:75-77 Mr '66.
- GAS AS FUEL**
Correction of the consumption of blast-furnace gas for heating purposes. A. M. Segal'. *Koka, khim.* no. 2:22-24 '66.
- Some characteristics of external heat exchange in flames furnaces for nonscale heating operating on natural gas. V. N. Kostikov, A. E. Elinov. *Gaz. prom.* 11 no. 2:41-45 '66.
- Using natural gas in rolling mill furnaces. I. I. Sukhov. *Gaz. prom.* 11 no. 2:38-41 '66.
- Vibratory combustion in furnaces with panel burners. R. M. Shchurin. *Khim. i tekhn. topl. i masel* 11 no. 4:43-46 Ap '66.
- GAS BURNERS**
Double burners of heating and heat-treating furnaces. V. L. Gusovskii, A. E. Lifshits, V. M. Tynchak. *Stal'* 26 no. 3:273-276 Mr '66.
- Fire safety for gas burners used in drying plaster. M. Bobrovnikov. *Zhuk. stroit.* no. 2:29-30 '66.
- Levin, A. M., and P. P. Gakimov. [Using infrared gas burners in construction and repairing operations] *Primenenie gazovykh gorelki v infrakrasnogo izlucheniya pri stroitel'nykh i remontnykh rabotakh*. Moskva, Stroizdat, 1966. 29 p.
- Selecting designs of gas burners in tunnel kilns. F. Sh. Sheinman. *Stroitel'no-truboprov.* 10 no. 3:24-25 Mr '66.
- GAS CHROMATOGRAPHY**
Analysis of a mixture of methanol, formaldehyde, and water by gas-liquid chromatography. L. I. Gavrilina, N. N. Naikal'ma. *Izv. SO AN SSSR* no. 11. *Sci. khim. nauk* no. 3:143-146 '64.
- Analysis of amino acids by gas-liquid chromatography. S. V. Viti, M. B. Sapozhnikova, V. B. Belikov. *Zhur. anal. khim.* 21 no. 2:227-231 '66.
- Analysis of mixtures containing isomers of diisopropylbenzene and 1,1,3-trimethylindane by means of gas-liquid chromatography. M. L. Vlodavets and others. *Neftkhimia* 5 no. 3:445-448 My-Je '65.
- Analysis of vinyl butyrate by gas chromatography. V. A. Balandina, M. S. Kleshcheva. *Zhur. anal. khim.* 21 no. 2:243-245 '66.
- Chromatographic method for the control of gaseous of chemical reaction products. V. P. El'mina, I. U. A. Pavlov, V. P. Pollakov. *Izv. vuz. ucheb. zav. i zhurnalov* 9 no. 3:181-185 '66.
- Computation of containment characteristics of gas-liquid chromatography for geometrical isomers of polyalkyl-substituted cyclopentanes and polycyclic compounds. V. G. Berezkin and others. *Neftkhimia* 5 no. 3:430-437 My-Je '65.
- Determination of acrylic acid in diluted aqueous solutions by means of gas-liquid chromatography. D. Kh. Sembaev and others. *Izv. AN Kazakh. SSR. Ser. khim. nauk* 14 no. 3:92-93 Ji-S '64.
- Determination of the gas and adsorption phase in various points of a chromatographic column. A. M. Kullov, R. A. Bagirov. *Azerb. nefte khoz.* 15 no. 1:40-42 Ja '66.
- Effect of kinetic factors on the diffusion of frontal zones in a convex sorption isotherm. M. N. Matorina, N. D. Safonova, K. V. Chmutov. *Zhur. fiz. khim.* 40 no. 3:631-638 Mr '66.
- Effect of pressure gradients on the precision of the chromatographic separation of substances. M. S. Vlodavets. *Neftkhimia* 5 no. 3:425-429 My-Je '65.
- Effect of the system solid carrier - liquid phase on the characteristics of separation in gas chromatography. V. G. Berezkin and others. *Neftkhimia* 5 no. 3:438-444 My-Je '65.
- Gas chromatographic determination of the heats of adsorption of hydrocarbons on zeolites. A. V. Kiselev, I. U. A. Chernenkova, A. I. Lashin. *Neftkhimia* 5 no. 4:589-595 Ji-Ag '65.
- Gas-liquid chromatography in the analysis of mixtures containing isopropylbenzene hydroperoxide. M. L. Vlodavets and others. *Neftkhimia* 5 no. 4:613-620 Ji-Ag '65.
- Graphitized carbon blacks as adsorbents in gas chromatography. A. V. Kiselev, I. A. Lashin. *Zhur. fiz. khim.* 40 no. 3:603-608 Mr '66.
- Individual composition of a mixture of $C_1 - C_6$ alcohols contained in the products of syntheses from CO and H_2 over a sintered iron catalyst. I. U. B. Kagan and others. *Neftkhimia* 5 no. 4:539-540 Ji-Ag '65.
- Preparative chromatography of gases. Z. A. Lillaeva, A. A. Zhukhovitskii, N. M. Turkel'taub. *Neftkhimia* 5 no. 4:588-602 Ji-Ag '65.
- Rapid chromatographic method of determining hydrogen sulfide in gases and petroleum. A. V. Kuz'mina and others. *Khim. i tekhn. topl. i masel* 11 no. 4:57-60 Ap '66.
- Separation of a mixture of $C_1 - C_6$ mono- and di- and tri- fatty acids by gas chromatography. I. N. Kiselev, V. A. Kozlenko. *Neftkhimia* 5 no. 1:66-67 Ji-Ag '65.
- Use of carbon dioxide as a gas-carrier in gas chromatography. M. S. Forys. *Radikhal'nii i anal. khim.* 115-118 '66.
- Use of gas chromatography in determining alcohol in grape juice. B. V. Lipin and others. *Komm. i zh. 21* no. 1:29-30 Ap '66.
- GAS DISTRIBUTION—STUDY AND TEACHING** see subdivision under White Russia
- GAS DYNAMICS**
Calculating the gas dynamic resistance of a layer of heated porous materials according to the gas dynamic characteristics of a solid layer. V. I. Korotkiy, V. P. Puzanov. *Izv. vuz. ucheb. zav. i zhurnalov* 9 no. 2:25 '66.
- Experimental investigation of dynamic errors of a temperature pickup in medium elements in unsteady gas flow. V. G. Volkov, I. P. Pelepechenko, D. B. Simbichuk. *Samoletostroi i tekhn. vozd. flota* no. 4:7-9 '65.
- Problem concerning the filling of a variable volume with a compressible gas. V. I. Sidorov. *Gidromekhanika* 10 no. 2:10-18 '65.
- Temperature white pickup in an unsteady gas flow. I. P. Pelepechenko, D. B. Simbichuk. *Samoletostroi i tekhn. vozd. flota* no. 1:56-62 '65.
- GAS FIELD BRINES** see subdivision under Krasnodar Territory
- GAS FIELD BRINES—DENSITY**
Effect of dissolved gas on the density of underground waters. I. U. P. Gattenberg. *Gaz. prom.* 11 no. 2:19 '66.
- GAS FIELD DEVELOPMENT**
(see also subdivision under Bulgaria; Krasnodar Territory, Stavropol Territory)
Change in the density of condensates in developing gas condensate fields for depletion. A. M. Likhov. *Gaz. prom.* 11 no. 2:16-19 '66.
- Effect of the evaporation of residual water on the recovery factor of gas wells. Sh. A. Anisimov, E. I. Petushkevskii. *Izv. vuz. ucheb. zav. i zhurnalov* 9 no. 1:43-46 '66.
- System for the automatic control of processes of producing and preliminary processing of natural gas. V. T. German. *Gaz. delo* no. 2:31-37 '66.
- Using the regression analysis in problems of flow rate for obtaining confidence limits. P. M. Belousov, B. V. Sentukov. *Trudy MINKHIMP* no. 50:31-33 '65.
- GAS FIELD FLOODING** see subdivision under Krasnodar Territory
- GAS FIELDS** see subdivision under Siberia, Western
- GAS FIELDS—EQUIPMENT AND SUPPLIES** see subdivision under Krasnodar Territory
- GAS FLOW**
Acceleration of solid particles of variable mass by a stream in a cylindrical tube. V. E. Davidovich. *Gidromekhanika* 10 no. 2:56-60 '65.
- Calculating the variations in the gas flow rate in the operation of a Laval nozzle. I. U. B. Likhov, V. P. Zhov. *Zhur. vych. mat. i mat. fiz.* 6 no. 2:110-112 Ji-Ap '66.
- Gas flow near a removable discontinuity. A. I. Likhov. *Dokl. AN SSSR* 167 no. 1:51-54 Ma '66.
- Investigating the characteristics of the structure of the free hot jet of low-calorific gas. N. N. Aiseeva, V. V. Arseev. *Gaz. delo* no. 1:26-30 '66.
- Mechanics of the flow of gas condensate systems. M. I. Bereznoi and others. *Izv. vuz. ucheb. zav. i zhurnalov* 9 no. 1:35-37 '66.
- Method of characteristics for the numerical calculation of three-dimensional gas flow. K. M. Magonov. *Zhur. vych. mat. i mat. fiz.* 6 no. 2:313-325 Ji-Ap '66.
- Parameters of the boundary layer originating in the flow past a cone at a certain angle of attack. N. B. Voznesenskii. *Zhur. vych. mat. i mat. fiz.* 6 no. 2:193-195 Ji-Ap '66.
- GAS FLOW—THERMODYNAMICS**
Thermodynamics of turbulent flows. V. I. Tokarev. *Gidromekhanika* 10 no. 2:69-74 '65.
- GAS HEATING**
Gas in the agriculture of the Volga Valley. N. A. Kiselev. *Tekhn. i sel'khoz.* 26 no. 2:6-7 F '66.
- GAS INDUSTRY**
(see also subdivision under Kutan)
Special attention should be given to the fulfillment of the production program for the concluding year of the seven-year plan. *Stroitel'no-truboprov.* 10 no. 3:1-3 My '66.
- GAS INDUSTRY—EQUIPMENT AND SUPPLIES**
Mogil'nikskii, I. P. [Installations of internal combustion engines in the petroleum and gas industries] *Ustav i dvigatel' vnutrennego sgoraniya v neftnoi i gazovoi promyshlennosti*. Moskva, Nedra, 1965. 231 p. (Biblioteka neftnitska-energetika)

GAS INDUSTRY—MANAGEMENT

A production enterprise of the gas industry. *Gaz, prom.* 11 no. 21-3 '66.

GAS INDUSTRY—SAFETY MEASURES

Russia (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khozaistva. [Regulations on technical exploitation and safety measures for use in the gas industry of the R. S. F. S. R.] *Pravila tekhnicheskoi eksploatatsii i tekhniki beropaznosti v gazovom khozaiстве RSFSR.* Moskva, Stroiizdat, 1966. 162 p.

GAS PRODUCERS

Investigating the dynamics of the CS-75 free-piston gas producer. N. S. Khanin and others. *Izv. vys. ucheb. zav. mashinostri* no. 11 66-69 '65.

GAS STOVES see Stoves, Gas

GAS TURBINE DISKS—COOLING

Thermal stresses caused by the cooling of gas-turbine disks. M. I. Saplin. *Praki. mekh.* 2 no. 3 106-110 '66.

GAS TURBINE LOCOMOTIVES

Effectiveness of using gas turbine traction in railroad transportation. E. D. Feldman. *Izv. AN SSSR Energ. i transp.* no. 1-99-107 Ja-F '66.

GAS TURBINE LOCOMOTIVES—PERFORMANCE

Effect of the rated gas temperature on the consumption characteristics of a locomotive gas turbine. V. L. Barnan-tsevich. *Trudy MIIT* no. 224:103-112 '65.

GAS TURBINE LOCOMOTIVES—TRANSMISSION DEVICES

Electric transmission based on the system synchronous generator - asynchronous motor. I. U. M. Milovnov. *Vest. TSNI MPS* 25 no. 2:34-37 '66.

GAS TURBINES

Analysis of losses with exit velocity in centrifugal turbines in rated modes of operation. M. S. Prikhod'ko. *Energomashinostroenie* 12 no. 2:16-18 F '66.

Fatigue breakdown of the wheels of centrifugal gas turbines. I. A. M. Gusak, G. I. Tsigel'nik. *Energomashinostroenie* 12 no. 2:18-21 F '66.

Trip movement of the runner portion of a turbine by opening the blade roots. A. G. Danilovskii, A. M. Topunov. *Teplotekhnika* 13 no. 1:36-38 Ja '66.

GAS TURBINES—BLADES

Calculation of a cooled blade using an analog computer. S. I. A. Oshchey, L. S. Venturillo, V. G. Petukhov. *Teplotekhnika* 13 no. 1:48-51 Ja '66.

GAS TURBINES—CORROSION

Effect of small particles of minerals on samples from a dusty gas stream. K. V. Olesevich, V. A. Marchuk. *Izv. vys. ucheb. zav. energ.* 9 no. 3:57-61 Mi '66.

GAS WELDING AND CUTTING

Flame cutting and ventilation in the production of G13L steel castings. P. F. Poroshuk. *Lit. proizv.* no. 2 43-44 F '66.

Gas-flux cleaning and cutting-off of steel casting gates. L. D. Vaitlik, D. I. Vinogradskii, Svar. proizv. no. 4: 36-37 Ap '66.

Levinson, A. I., and I. A. Trakovenko. [Burning holes through concrete and reinforced concrete with oxygen lances and cutters] *Proizhiganie otvorov v betone i zhuzobetonakh kislorodnymi kop'iami i rezakami.* Moskva, Stroiizdat, 1965. 23 p. [MICROFILM]

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES

Equipment for gas and oxygen trimming of the bottoms of large vessels of 800 to 4,000 mm in diameter. V. A. Borisov, M. A. Tanarutskii, B. Kh. Zholobov. *Svar. proizv.* no. 1:37-38 Ap '66.

Mechanical oxygen cutting using wire templates. A. D. Ravkov. *Svar. proizv.* no. 3:44-45 Mr '66.

Modernization of gas valves for the A-537 semiautomatic machine. V. N. Koboiev. *Svar. proizv.* no. 3:43 Mr '66.

GAS WELL COMPLETION

Completion of gas and gas condensate wells. A. A. Blandaril, A. M. Khansov. *Azerb. neft. zhur.* 44 no. 12:22-23 D '65.

GAS WELL DRILLING see subdivision under North Sea region

GAS WELL DRILLING—COSTS

Precise estimation of the cost of completed drilling operations. A. A. Avanesov. *Azerb. neft. khoz.* 45 no. 1:47-48 Ja '66.

GAS WELL DRILLING—LABOR PRODUCTIVITY

Improving the method of calculating labor productivity in oil and gas well drilling. M. M. Mustafayev, A. B. Abbasov. *Azerb. neft. khoz.* 45 no. 1:45-47 Ja '66.

GAS WELLS—AIR-GAS LIFT

Possibilities of using free piston pumps in gas condensate wells. M. A. Aliev, R. A. Harmanova, N. G. I'gendev. *Azerb. neft. zhur.* 44 no. 12:31-33 D '65.

GASEOUS PLASMA see Plasma (ionized gases)

GASES

Effect of gaseous medium on the rate of thermal decomposition of ammonium chromate and silver oxalate. I. S. Osinovik, A. F. Anshuk. *Dokl. AN BSSR* 10 no. 1: 29-31 Ja '66.

Effect of adsorption of gases on zinc-blende type semiconductor. L. G. Maldanovskii, I. A. Kirovskii. *Zhur. fiz. khim.* 40 no. 3 609-613 Mr '66.

Solubility of gases in mixed solvents. B. P. Buiyev. *Izv. SO AN SSSR* no. 11 Ser. khim. nauk no. 3:38-43 '61.

GASES—ABSORPTION AND ADSORPTION

Absorption of argon and nitrogen vapors on a NaX zeolite modified by water. D. P. Bering and others. *Zhur. fiz. khim.* 40 no. 3:549-555 Mr '66.

Investigating the performance of fluidized bed absorption apparatus of a reflux ball packing. N. I. Gelf'perin and others. *Khim. i neft. mashinostri* no. 1:22-26 Ja '66.

GASES—ANALYSIS

Determination of the gas content of a foamy layer on downcomerless plates. A. I. Rodionov. *Izv. vys. ucheb. zav. khim. i khim. tekhn.* 8 no. 6 1014-1018 '65.

Metering device for small amounts of gas. L. L. Shanlin, V. I. Dolmanov. *Zhur. fiz. khim.* 40 no. 3:746-748 Mr '66.

Methods for constructing frequency-type electroacoustic transducers for gas analysis. N. B. Dokukina, P. V. Novitskii. *Trudy LPI* no. 256 25-27 '65.

Modernized system for studying gas condensate ratios. M. I. Vasil'eva. *Trudy VNIKAneftgaz* no. 1:42-47 '65.

GASES—DRYING

Drying of gases under increased pressure in a bed of NaX zeolites. N. V. Keltsev and others. *Izv. vys. ucheb. zav. khim. i khim. tekhn.* 8 no. 6 1011-1013 '65.

GASES—PURIFICATION

Analyzing the process of the purification of a chlorine-containing bromide-air mixture. A. Nuryev, V. I. Ksenzenko. *Khim. prom.* 42 no. 3:183-186 Mr '66.

Removal of ethyl mercaptan from natural gas by means of the alkali purification method. I. L. Leites and others. *Khim. prom.* 42 no. 3:188-171 Mr '66.

Theory of the action of jet apparatus. A. I. Torf, V. F. Makshinov. *Trudy LTITSBP* no. 17:108-115 '65.

GASES—SEPARATION

Semiautomatic vertical air separator with intensive action. I. P. Shneiderman. *Khol. tekhn.* 43 no. 2:50-52 F '66.

GASES, IONIZED

Use of a thermomonometer in determining the parameters of a partially ionized gas. A. M. Khazen, V. A. Shuvalov. *Zhur. tekhn. fiz.* 36 no. 2:377-383 F '66.

GASES IN METALS

Contamination by nonmetallic inclusions and gases of carbon-free ferrochromium produced by various methods. S. I. Khitrik and others. *Stal'* 26 no. 3:237-243 Mi '66.

Estimating the probability of pore formation in welded seams. V. V. Podgetskii. *Avtom. svar.* 18 no. 2:14-17 F '65.

Gas liberation from tungsten at 2,500°C. V. T. Burtsev and others. *Porosh. mol.* 6 no. 1:50-54 Ja '66.

Hydrogen and nitrogen saturation of steel during smelting in lime and alumina slag. V. I. Zhalybin and others. *Stal'* 26 no. 3:235-236 Mr '66.

Interaction of liquid iron with a steam-hydrogen mixture. M. I. Gasik, S. I. Khitrik. *Met. i koksokhim.* no. 3:5-16 '65.

Studying the process of steel degasification during its casting in vacuum into ingots for large forgings. B. F. Zverev and others. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 3:64-66 '66.

GASOLINE

(see also subdivision under Kamdag region)

Acid content in aqueous condensates in the pyrolysis of gasoline in the presence of steam. D. A. Aliev. *Neftep. i neftekhim.* no. 2:54-56 '66.

Enrichment of thermally cracked gasoline by hydrogenation. A. D. Berenis and others. *Neftep. i neftekhim.* no. 2:6-8 '66.

Increasing the output of benzene, toluene, and xylenes in the platforming of gasoline fractions. V. S. Aliev and others. *Neftekhimika* 5 no. 3:347-350 My-76 '65.

Performance of the installation of precision fractionation of gasoline fractions. G. P. Gonceharov, I. U. A. Pilaskin, E. V. Iakimenko. *Neftep. i neftekhim.* no. 2:3-6 '66.

Pyrocondensate gasoline for use as engine fuel. A. B. Volk-Epshteyn and others. *Neftep. i neftekhim.* no. 1:15-17 '66.

Ways of increasing the octane number of automobile gasoline. M. P. Fedorenko, I. V. Kondrat'ev. *Khim. i tekhn. topl. i masel* 11 no. 1:35-40 Ap '66.

GASOLINE—ANALYSIS

Investigating the possibility of using the law of distribution in determining the low moisture content of gasoline. I. D. Sadykhov, L. I. Zhirova, Z. A. Mamedova. *Neftep. i neftekhim.* no. 1:22-25 '65.

GASOLINE, EFFECT OF RADIATION ON

Radiation-thermal cracking of straight-run low-octane gasoline in a uniform temperature field. L. S. Polak and others. *Neftekhimika* 5 no. 3:363-367 My-Je '65.

GASOLINE SERVICE STATIONS see Service stations

GASTEY, ALEKSEI KAPITONOVICH, d. 1938

At the sources of the scientific labor organization. V. Kirsanov. *Neftianik* 10 no. 12:21-25 D '65.

GASTRIC FISTULA see Fistula, Gastric

GASTROINTESTINAL HEMORRHAGE

Clinical X-ray diagnosis of the source of gastrointestinal hemorrhages of nonulcerative etiology. I. S. Genadimskii, N. I. Tananyukin, A. A. Kuznetsov. *Khirurgiya* 42 no. 3 27-33 Mr '66.

Combination of hemorrhage and perforation in gastric duodenal peptic ulcer. A. P. Lebedev. *Sov. med.* 28 no. 2: 27-31 F '66.

Gastrointestinal hemorrhages in hypertension. N. D. Tsal. *Spor. nauch. rab. vraeli Kar. ASSR* no. 4:183-181 '62.

Hemorrhages in brucellosis patients. I. I. Shushkovskii. *Sov. med.* 27 no. 5 100-112 My '61.

GASTROINTESTINAL MOTILITY

Electrographic study of nondigestive gastric motility in fish. V. A. Remotov, V. A. Novak. *Fiziol. zhur.* 52 no. 3:279-281 Mi '66.

Interrelation between the excretory and secretory functions of the stomach in epidemic hepatitis. E. Ia. Kur-lakova. *Trudy Kish. gos. med. inst.* 14:111-115 '61.

Mechanism of the action of potassium bichromate on the secretory and motor function of the intestine. M. K. Naumova. *Farm. i toks.* 27 no. 6 712-713 N-D '64.

Study of the evacuating motor function of the digestive tract following the resection of the stomach substituted by a segment of the large intestine. D. V. Ponomarev, S. G. Aitsev. *Khirurgiya* 42 no. 3 120-131 Mr '66.

GASTROPODA, FOSSIL see subdivision under Caspian Sea

GATES, HYDRAULIC see subdivision under Krasnoyarsk Hydroelectric Power Station

GAUGE BLOCKS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Testing gauge blocks, a collection of instructions] *Poverkn. ploskoparallelnykh kontsevykh mer dliny; shornik instruktsii.* Izd. of TsSU. Moscow, Izd-vo Standartov, 1966. 230 p.

GAZLI GAS FIELD—GAS, NATURAL—GEOLOGY

Hole of mud caps in the formation of gas pools. G. Kh. Dikenshtein, G. A. Arzhevskii, V. P. Stroganov. *Geol. nefti i gaza* 9 no. 3:36-38 Mr '65.

GAZLI GAS FIELD—HYDROCARBONS

Hydrocarbon composition of the condensate of the Gazli gas field. S. R. Sergienko, V. A. Garbaliinskii, G. K. Kurbanova. *Izv. AN Turk. SSR. Ser. fiz., tekhn., khim. i geol. nauk* no. 6:68-74 '65.

GEAR CUTTING

Sharpening and undercutting the teeth of gear wheels shaped by two-parameter rounding. N. N. Krylov. *Mashinovedenie* no. 2:46-53 '66.

GEARING

Calculating the strength of the rim of a single-rim annette of the 2K-N planetary gear transmission. S. M. Bashchev, V. E. Antonuk. *Izv. vys. ucheb. zav. mashinostri* no. 11:55-62 '65.

Calculation of gear transmissions for seizing. N. P. Artemenko. *Samoletostroi. i tekhn. vozd. flota* no. 2:35-41 '65.

Dynamic loading on teeth in case of a shortened stage of two-pair engagement. V. I. Erekhov. *Izv. vys. ucheb. zav. mashinostri* no. 11:22-28 '65.

Gears reducing gears of machine tools with numerical program control. V. S. Starodubov. *Vest. mashinostri* 48 no. 5:18-22 Mr '66.

Gear shifting on a running tractor. S. Pavlenko. *Tekhn. v sel'khoz.* 26 no. 1:74-76 Ja '66.

Mechanism of tooth wear in open cast-iron gear wheels. G. M. Grekov. *Izv. vys. ucheb. zav.; mashinostri* no. 11 55-58 '66.

GEARING (Continued)

Motion equations for an unbalanced torque converter with a planetary reducer V. V. Zakharenko, Izv. Vses. nauch. iiss. mashinost. no 11 29-35 '65

Precision of force surfaces of gear wheels S. M. Shabunin Vest. mashinost. no 2 62-65 '66

Prukhotov, L. G. [Selecting norms and degrees of precision for cylindrical and bevel gear wheels and transmissions, a methods manual] Vyb. norm i stepen' tochnosti tsilindricheskikh i konicheskikh zubechatykh kolez i peredach, metodicheskie posobie. Moskva, Mashinostroyeniye zhelezn. dor. transporta, 1965. 34 p.

Theoretical and experimental determination of dynamic loads on teeth of planetary transmissions V. V. Tikhonchuk, Simulirovaniye tochn. iiss. no 2 42-50 '65
Three-dimensional gear transmissions with an inclined input contact V. D. Borisov Izv. Vses. nauch. zav. mashinost. no 11 15-21 '65

Vinberg, D. V. [Spoked and disk-type gear wheels] Spitsy i diskovye zubechatye koleza Moskva, Mashinostroyeniye, 1965. 206 p.

GEARING—TESTING

Effect of the heat treatment of gear wheels with induction heating on the rim on their precision S. M. Shrubman, V. S. Pogorelov, Stann. inzh. 37 no 2 32-33 '65
Increasing the precision of overall testing of gears O. O. Rozin, Dokl. Akad. Nauk SSSR 1 no 5 63-64 '64

Investigating stress concentration in teeth of flexible wheels on a test transmission O. M. Osipova Izv. Vses. nauch. zav. mashinost. no 11 49-54 '65

GEARING, BEVEL

Assembly of bevel gears according to the seventh degree of precision B. I. Ashin, Vest. mashinost. 48 no 3; 52-55 Mr '66

Stability of inserts for forging bevel gearing with tooth, V. M. Polynskiy, I. K. Danilchik, Kuz.-stann. prom. 8 no 2 4-7 '66

GEARING, SPIRAL

Investigating load distribution among the teeth of a spiral gear transmission K. I. Zabolotnyy, V. G. Bash, Izv. Vses. nauch. zav. mashinost. no 1 49-54 '65

GEDUS-BARANETSKAYA, STEFANIA MEFODEVNA, 1905.
A masterful painter I. A. Berdichevskiy, Knizh. toig. 16 no 12 33 D '65

GEK, FRIDOLF KIRILLOVICH, 1836-1904
[Sketches] Gek, F. A. B. Pechen' Zap. Priam. iil. Geog. obshch. SSSR no 1 44-50 '65

GELATIN

Characteristics of gelatinase, a proteolytic enzyme accompanying hog pepsin F. D. Levin, G. L. Morozova, V. M. Stepanov Khim. prirod. soed. no 3 208-215 '65

GEMS see subdivision under Ural Mountain region

GENERALIZED INTEGRALS see Integrals, Generalized

GENERATIVE ORGANS

Correlation between the adrenal cortex and sexual glands, N. L. Panchenko Fiziol. zhur. [Ukr.] 12 no 1, 86-90 Ja-F '66

GENERATIVE ORGANS—WOUNDS AND INJURIES
Burns of the genitalia L. I. Zheverchuk, Klin. khir. no 4 50-51 '65

GENERATIVE ORGANS, FEMALE—CANCER

Mandel'shtam, V. A., and E. A. Svindler. [Cytological diagnosis of cancer of the female genital organs] Tsitologicheskaya diagnostika raka zhenskikh polovikh organov. [Leningrad] Meditsina, 1966. 182 p. (Biblioteka prakticheskogo vracha)

Use of transfusions of freshly preserved blood and leukocyte mass during the process of radiotherapy in tumors of the female genitalia L. A. Zhavoronkova Med. rad. 11 no 3 43-44 Mr '66

GENERATIVE ORGANS, FEMALE—DISEASES

Ways of introducing Candida into the female genitalia, K. Kh. Avhmedova, Vest. dermat. i ven. no 6 55-58 '65

GENERATIVE ORGANS, FEMALE—TUMORS

Errors and difficulties in the X-ray diagnosis of tumors of the internal female sex organs M. S. Poliskiy, Sov. med. 29 no 2 135-137 '66

GENETICS

Atendmija nauk BSSR, Minsk, Institut genetiki i tsitologii. [Problems of experimental genetics] Voprosy eksperimental'noi genetiki. Minsk, Nauka i tekhnika, 1965. 181 p. (DNL)

Medvedev, N. N. [Practical genetics] Prakticheskaya genetika, Moskva, Nauka, 1966. 237 p.

Role of genetics in selection of farm animals. N. P. Smirnov. Genetika no 1 42-49 Ja '66
Some problems of the genetics of sex. V. L. Ryzhikov Genetika no 2 3-15 '65

GENETICS—BIBLIOGRAPHY see Bibliography—Genetics

GENKIN, DMITRII MIKHAILOVICH, 1884-1966

Genkin Dmitrii Mikhailovich, an obituary. Sov. gos. i prav. 38 no 3; 141 Mr '66

GEOCHEMICAL PROSPECTING

(see also subdivision under Aldan District, Amur Valley, Caucasus, Northern; Kara Valley, Leningrad Province)

Basic criteria of the evaluation of geochemical anomalies in prospecting for hidden mineralization S. V. Gilegov, I. M. Iankishevskiy, Razved. i okh. nedr. 31 no 12 16-18 '65

GEOCHEMICAL PROSPECTING—EQUIPMENT AND SUPPLIES

Gas analyzer for measuring the microconcentration of mercury in geochemical prospecting I. I. Stepanov, I. N. Kuznetsov, V. Z. Fursov, Razved. i okh. nedr. 31 no 12 18-22 '65

GEOCHEMISTRY

(see also subdivision under Gissar Range, Perm Province, Ural Mountains)

Composition of solid sediments in some gaseous-liquid inclusions in motion based on X-ray spectrum point analysis E. I. Dolomantova and others, Dokl. Akad. Nauk SSSR 167 no 1 76-79 Mr '66

Lead and zinc in rocks of the sodium series of granitoid magma differentials R. D. Gavi Lin, L. A. Pavlova, N. S. Klassova Geokhimiya no 1 1057-1075 '65

GEOCHEMISTRY—MAPS see subdivision under Kara Valley

GEODESY—ABSTRACTS

[Geodesy] Ref. zhur.: Geod. no 3 Mr '66

GEODESY—CONGRESSES

Forum of Soviet specialists in astronomy and geodesy, E. P. Levitan, Zem. i vesl. 2 no 1 42-49 Ja-F '65
Fourth Congress of the All-Union Astronomical and Geodetical Society V. A. Bronshten, Vest. AN SSSR 35 no 2 156-158 '66

GEODESY—HANDBOOKS, MANUALS, ETC.

Bo'shakov, V. D., and G. P. Lechuk, eds. [Handbook for the geodesist] Spravochnik geodezista, [By] G. V. Bagratuni i dr. Moskva, Nedra, 1966. 883 p.

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOGRAPHICAL DISTRIBUTION OF ANIMALS AND PLANTS see subdivision under Sikhote-Alin' Range

GEOGRAPHICAL RESEARCH see subdivision under Antarctic regions

GEOGRAPHICAL SOCIETIES

Work of the peripheral sections of the Moscow Branch of the Geographical Society of the U.S.S.R. A. V. Tikhonov, Izv. Vses. geog. obshch. no 1 85-99 Ja-F '66

GEOGRAPHY see subdivision under Mari A.S.S.R.

GEOGRAPHY—ABSTRACTS

[Geography] Ref. zhur.: Geog. no 3 Mr '66, Avtorskii ukazatel' za 1965 g.

GEOGRAPHY, ECONOMIC see subdivision 'Economic geography' under Ireland; Tatar A.S.S.R.

GEOGRAPHY, HISTORICAL—MAPS

How to prepare a numismatic map, V. N. Riabisevich, Ukr. ist. zhur. 10 no 2 88-93 '66

GEOLOGICAL MODELING

Complete derivation of twin laws and the simplest way of modeling them, V. A. Moklevskiy, I. I. Shafranovskiy, I. I. Afanas'ev, Min. sbor. 19 no 1 10-15 '65
Effect of the interference of diffracted and reflected waves on the characteristics of seismic recording according to studies on models, A. A. Bykov, E. K. Chalkova, Geol. i geofiz. no 2 131-137 '65

Modeling of the complex seismogeological interfaces of elastic media, A. N. Bezrodnov, V. I. Ulomov, Uzb. geol. zhur. 10 no 1 46-50 '66

Practice in modeling a fold zone, N. B. Lebedeva, Sov. geol. 9 no 2 70-71 '66

GEOLOGICAL RESEARCH

[For a close relationship between geological science and production. Participants in the discussion: V. A. Pervago, A. V. Sidorenko and D. I. Shcherbakov] Za tesnuyu svyaz' geologicheskoi nauki s proizvodstvom. V besede uchastvuiut: V. A. Pervago, A. V. Sidorenko, D. I. Shcherbakov Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. XIII Seriya Nauka o zemle, no 1)

Mathematical methods in geology, D. N. Belikov, I. V. Tolubayev, Vest. AN Kazakh SSR 22 no 3 41-43 '66

Raise the scientific level and economic efficiency of geological investigations. Sov. geol. 9 no 1 7-14 '66

GEOLOGICAL SURVEYS

Experience in using econometric data on cost efficiency in surveying for purposes of engineering geology, A. S. Zakharenko, Khim. i st. 36 no 2 33-34 '64

Precision of surveying measurements in prospecting work A. S. Lavitskiy, Geol. i okh. nedr. no 11 29-35 '65

GEOLOGICAL TIME

(see also subdivision under Aimenin, Carpathian Mountain region, Dnieper Valley, Kakhovka Upland, Kiyov Region, Ukraine; Kirovograd-Kiryevo region, Ukraine; Russia, Asiatic, Sayan Mountains, Siberian Plateau; Soviet Far East, Transbaikalia; Uzh Valley, Volynsk District, Ukraine)

Age of Pleistocene carbonate formations based on thorium and uranium isotopes V. V. Chervakov, I. V. Kazachevskiy, I. A. Kur'mina, Geokhimiya no 1 1057-1062 '65

Determination of the absolute age of geological formations in Uzhgorod A. I. Tsygankov, Vest. AN SSSR 36 no 1 147-148 Ja '66

Determining the time of the formation of gas pools, A. K. Ivanov, I. U. Korditskiy, Geol. i geokhimiya, 1965. 131-135 '65

Use of a standard in the solid phase for the quantitative determination of argon by the method of isotope dilution, I. M. Artemov, K. G. Khorov, V. P. Strizhev, Geokhimiya no 3 349-351 Mr '66

GEOLOGICAL TIME—CONGRESSES

Information on the fifth session of the Commission on the Determination of the Absolute Age of Geological Formations held in Uzhgorod on October 1-6, 1965 I. V. Bol'shevich, I. B. Ivanov, Izv. AN SSSR, Ser. geol. 31 no 1 164-165 Ja '66

GEOLOGY

(see also subdivision under Arkai Territory, Amur Province, Amur Valley, Black Sea Depression, Bodrak Valley, Borkhaya Valley, Carpathian Mountains, Caucasus; Dnieper Valley, Europe; Kanov region, Ukraine; Krasnoyarsk Province; Khabarovsk Territory; Maritime Territory, Sayan Mountains; Siberian Plateau; Turkmenistan, Ukraine; Ural Mountains; Uzh Valley)

Institute of Geology and Prospecting of Oil and Gas Fields of the Ministry of Geology of the U.S.S.R. Uzb. geol. zhur. 10 no 1 75-76 '66

Isotope equilibria and geological problems, A. P. V. gradov, Izv. AN SSSR Ser. geol. 31 no 1 7-16 '65

Transitional stages of ancient platform in the U.S.S.R. I. K. Tuzov, Sov. geol. 9 no 1 61-69 Ja '66

GEOLOGY—ABSTRACTS

[Geology] Ref. zhur.: Geol. no 3 Mr '66, Avtorskii ukazatel' za 1965 g.

GEOLOGY—CONGRESSES

Out-of-town session of the Department of Lithology of the Academy of Sciences of the U.S.S.R. in the U.S. East, I. A. G. Tca-Oganovskiy and others, Izv. AN SSSR, Ser. geol. 31 no 1 155-161 Ja '66

Results of the 22nd session of the International Geological Congress N. A. Belikovskiy, Razved. i okh. nedr. 31 no 11 61-63 N '65

Seventh Congress of the INQUA (International Association of Quaternary Research), E. M. Velikovskiy, Vest. Mosk. univ. Ser. 4, Geol. 21 no 1 113-114 Ja-F '66

Third Conference of the Young Geologists of the Institute of Geological Sciences of the Ukrainian Academy of Sciences, V. M. Somnenko, Geol. zhur. 25 no 1 112-113 '65

GEOLOGY—EXHIBITIONS

New arrangement of the geology pavilion, (U. Karapet'yan) Inform. bulet. VDNKh no 1 12 Apr '66

GEOLOGY, ECONOMIC

Carry out the resolution of the session of the Central Committee of the Communist Party of the Soviet Union in September, A. V. Sidorenko, Razved. i okh. nedr. 31 no 11 1-6 N '65

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Abkhazia; Altai Mountains; Armenia; Alansor Lake region; Ayotskoy Range; Azat Valley, Balkhash Lake region, Borzovo Gas Field, Black Sea Depression; Bol'shaya Lyula Valley; Carpathian Mountain region; Carpathian Mountains; Caspian Sea region; Caucasus; Caucasus, Northern; Chingiztau region, Dnieper-Danube Lowland; Kalmakyrkan Valley; Kanchatka, Kazakhstan; Kopetdag; Magadan Province; Mangyshlak Peninsula; Munitsinsk Basin, Noril'sk region, Krasnoyarsk Territory, North America; Pechora Sea; Rudolfskoye on-Don region; Russian Plateau; Sayan Mountains; Siberia; Silyan region, Ukraine; Turbatskoy Range region; Transbaikalia; Transcarpathia; Turkmenistan; Ukraine; Uzbekistan; Verkhoyansk Range region; Vilyuy Lowland; Yenisey Range)

Interrelationship of the Malkop series and Tarkhan horizon, E. K. Vakhania, Sborn. AN Gruz. SSR 41 no 1 85-101 Ja '66

- GEOLOGY, STRUCTURAL**
(see also subdivision under Altai Mountains, Anadyr Lowland, Anatolian regions, Apsheron Peninsula; Asia; Borslav region, Ukraine, Carpathian Mountain region, Carpathian Mountains, Caucasus, Crimea, Dnieper-Danube Lowland, Dzharkargan Depression, Europe, Fergana Valley, Karakum Desert; Kazakhstan; Leningrad region, Mangyshlak Peninsula, Maritime Territory, Moldavia, Pacific Ocean; Siberia; Southern Bug Valley, Taikhanuk Peninsula, Ukraine; Ural Mountain region, Volgograd Province, West Siberian Plain, Yakutia)
- Akademiya nauk Kirgizskoi SSR. Frunze. Otdel geografi**
[Geographical research on the alpine depressions of Kirgizia in connection with their reclamation] Geograficheskie issledovaniya vysokogorykh vpadin Kirgizii v svyazi s ikh osvoeniem. Otv. red. D. I. Isaev. Frunze, Ilim, 1985. 151 p.
(NIC)
- Determination of the horizontal thickness and magnetization intensity of rocks based on the anomalies of U_{22} of vertically magnetized vertical layers. V. P. Stepanov, R. E. Bratukhina. *Neftegaz, geol. i geofiz.* no. 2:35-36 '86.
- Geological space as a basis for structural constructions. Article 1: tectonic geological space. I. U. A. Voronin. *Geol. i geofiz.* no. 9:3-11 '85.
- Some transformations of rocks by tectonic stresses and the possible geophysical consequences. I. V. Kirillova. *Izv. AN SSSR, Fiz. zem.* no. 2:33-42 '86.
- Types of subvertical nonconformity in the structures of troughs (disruption of the closure of synclines with depth). V. N. Pavlinov. *Izv. vye. ucheb. zav. geol. i razv. 9 no. 1:3-9 Ja '86.*
- GEOLOGY, STRUCTURAL—MAIS**
Content of maps of recent tectonics made on a 1:4,000,000 scale and larger. N. I. Nikolov, A. A. Ryzhova. *Izv. vye. ucheb. zav. geol. i razv.* 9 no. 1:4-22 Ja '86.
- GEOMETRY, ANALYTIC**
Algorithmic completeness of the means of analytic geometry. V. L. Ryachev. *Dop. AN URSR* no. 1:3-6 '86.
- GEOMETRY, DESCRIPTIVE**
Construction of monovariant curves of eulactic systems with five and more components. V. N. Porvikkova. *Trudy Un. druzh. nar. 2 Nach. geom.* no. 1:46-62 '83.
- Geometry of a globular linkage with point contact. N. N. Krylov. *Trudy Un. druzh. nar. 2 Nach. geom.* no. 1:85-99 '83.
- Graphicoanalytic methods of constructing loops. I. I. Kotov. *Trudy Un. druzh. nar. 2 Nach. geom.* no. 1:37-45 '83.
- Moving trihedral of the line of a topographic surface. N. N. Ryzhov. *Trudy Un. druzh. nar. 2 Nach. geom.* no. 1:20-36 '83.
- Progress of descriptive geometry in the U. S. S. R. and tasks facing the chairs of technical schools of higher learning. N. F. Chetverukhin. *Trudy Un. druzh. nar. 2 Nach. geom.* no. 1:3-8 '83.
- Pieces and further examples of recommended constructions. I. U. P. Sokolov. *Strut. i arkhit. Urb.* 6 no. 8:32-42 Jo '85.
- Solving position problems with the aid of a projection drawing with secondary projections. I. S. Blinov. *Trudy Un. druzh. nar. 2 Nach. geom.* no. 1:101-110 '83.
- Some problems concerning the formation of kinematic surfaces given in a complex drawing. N. P. Ruzlova. *Trudy Un. druzh. nar. 2 Nach. geom.* no. 1:63-84 '83.
- Theory of frames. N. N. Ryzhov. *Trudy Un. druzh. nar. 2 Nach. geom.* no. 1:9-10 '83.
- GEOMETRY, DIFFERENTIAL**
Homogeneous bundle connections. I. U. G. Lumislo. *Mat. sbor.* 89 no. 3:434-460 Mr '86.
- GEOMETRY, NON-EUCLIDEAN**
A class of discrete Lobachevskii space groups having an infinite fundamental region of finite measure. V. S. Makarov. *Dokl. AN SSSR* 187 no. 1:30-33 Mr '86.
- GEOMORPHOLOGY**
(see also subdivision under East European Plain, Fania Valley; St. Helena; Ural Mountain region; Verkhoyansk Range)
- Lebedev, V. G. [Basic problems and recent theories on geomorphology; selected lectures] Osnovnye problemy i novistskie teorii geomorfologii; Izbrannye lektsii. [Sarntov] Izd-vo Saratovskogo univ., 1985. 183 p.
- GEOPHYSICAL RESEARCH** see subdivision under Antarctic regions
- GEOPHYSICS**
(see also subdivision under Antarctic regions; Ukraine)
- Concerning the value of geological and geophysical information. A. E. Kulikovich. *Geofiz. sbor.* no. 3:133-143 '85.
- Cosmic-ray variation and some effects of the geophysical complex in August-September 1989. L. I. Dorman, A. M. Chkhelidze. *Kosm. luch.* no. 7:107-111 '85.
- Nature of the interrelation of the basic physical parameters of rocks as revealed by a study in the cis-Carpathian region. V. I. Antipov. *Geol. i geofiz. neft. i gaz. mestoroh.* no. 1:80-90 '85.
- GEOPHYSICS—ABSTRACTS**
[Geophysics] Ref. zhur.: Geofiz. no. 3 Mr '86.
- GEORGIA—ACTINOMYCES**
Distribution of proactinomyces in the soils of Georgia. A. P. Kamokhidze. *Izv. AN SSSR, Ser. biol.* no. 2:310-318 Mr-Apr '86.
- GEORGIA—AMPHIBIOLES**
Gvakharia, G. V., and others. [Materials on the mineralogy of Georgia (pyroxenes and amphiboles)] Materialy po mineralologii Gruzii (piroksey i amfiboly). Tbilisi, Metsnereba, 1985. 70 p. (Akademiya nauk Gruzinskoi SSR. Geologicheskii institut. Trudy, no. 6)
- GEORGIA—BOTANY**
Two new species from Georgia. D. A. Ochauri. *Zam. po slat. i geog. rast.* no. 25:6-8 '85.
- GEORGIA—CIVIL LAW**
Georgia. Laws, statutes, etc. [Civil Code of the Georgian Soviet Socialist Republic. Passed at the 4th session of the 6th Supreme Soviet of the Georgian S. S. R. on December 26, 1984] Gruzinskii kodeks Gruzinskoi Sovetskoi Sotsialisticheskoi Respubliki. Prilozhenie 4, sessii Verkhovnogo Soveta Gruzinskoi SSR 0 sozyva 20 dek., 1984 g. Tbilisi, Satskha Snarkartvelo, 1985. 378 p.
(CSI-11)
- GEORGIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES**
The 23d Congress of the Communist Party of Georgia. Part. zhurn. no. 6:36-38 Mr '86.
- GEORGIA—ECONOMIC CONDITIONS**
Along the road shown us by Lenin. V. Mzhavanadze. *Kommunist* 42 no. 2:11-13 Ja '86.
- GEORGIA—FOREST ECOLOGY**
Types of mountain forests and their use in organizing forest working circles. L. B. Makhatadze. *Trudy Tbil. inst. lesa* 14:160-168 '85.
- GEORGIA—FOREST INFLUENCES**
Significance of the age and form of forest stands for the moisture controlling and soil conserving properties of mountain forests. L. S. Azmatalpashvili. *Trudy Tbil. inst. lesa* 14:146-163 '85.
- GEORGIA—FOREST MANAGEMENT**
Optimal age for cutting the stands of the main forest species of Georgia. V. I. Muzhishvili, G. N. Gigaure. *Trudy Tbil. inst. lesa* 14:132-147 '85.
- Problems of the exploitation and reproduction of mountain forests of the Georgian S. S. R. I. F. Chodirashvili. *Trudy Tbil. inst. lesa* 14:53-60 '85.
- Structure of the mountain dark-green and beech forests of Georgia and its significance for their management. G. N. Gigaure. *Trudy Tbil. inst. lesa* 14:164-179 '85.
- Types of mountain forests and their use in organizing forest working circles. L. B. Makhatadze. *Trudy Tbil. inst. lesa* 14:180-188 '85.
- GEORGIA—FOREST THINNING**
Characteristics of improvement cuttings in the young growths of mountain forests of Georgia. S. Sh. Chudashvili. *Trudy Tbil. inst. lesa* 14:199-211 '85.
- GEORGIA—FORESTS AND FORESTRY—VALUATION**
Structure of the mountain dark-green and beech forests of Georgia and its significance for their management. G. N. Gigaure. *Trudy Tbil. inst. lesa* 14:164-179 '85.
- GEORGIA—FUNGI**
New representatives of micromycetes in Georgia. I. K. Murvanishvili. *Zam. po slat. i geog. rast.* no. 25:3-5 '85.
- GEORGIA—GOATS**
Occurrence of an additional bone in the skull of Capra cylindricornis Blyth. Z. I. Chaldze. *Sob. AN Gruz. SSR* 41 no. 1:181-182 Ja '86.
- GEORGIA—HOLIDAYS**
Holiday of the Tonic of our Lord in Georgia. I. Chelishvili. *Zhurn. Mosk. Patr.* no. 2:49-52 '86.
- GEORGIA—INDUSTRIES, LOCATION OF**
Gvacharia, G. G. [Development and distribution of socialist production of the Georgian S. S. R.] Razvitiye i razmeshcheniye gosudarstvennogo proizvodstva v Gruzinskoi SSR. Tbilisi, Metsnereba, 1985. 389 p.
- GEORGIA—ORPINE**
Note on one species of the genus *Sempervivum* L. M. Z. Gurgendze. *Zam. po slat. i geog. rast.* no. 25:9-13 '85.
- GEORGIA—POLITICS AND GOVERNMENT**
Georgia. Verkhovnyi Sovet [Meetings of the 6th Supreme Soviet of the Georgian S. S. R., fourth session, December 25-26, 1984. Verbatim report] Zasedaniya Verkhovnogo Soveta Gruzinskoi SSR shcheto sozyva, chetvertaya sessiya, 25-26 dekabria 1984 goda. Stenograficheskii otchet [Tbilisi] 1985. 205 p.
- GEORGIA—PYROXENES**
Gvacharia, G. V., and others. [Materials on the mineralogy of Georgia (pyroxenes and amphiboles)] Materialy po mineralologii Gruzii (piroksey i amfiboly). Tbilisi, Metsnereba, 1985. 70 p. (Akademiya nauk Gruzinskoi SSR. Geologicheskii institut. Trudy, no. 6)
- GEORGIA—RARE-EARTH METALS**
Effect of tectonic changes on the distribution of rare earth elements in the rocks of the Zerkavskii ophiolite intrusions. I. U. A. Balshov, M. A. Kekelidze. *Geokhimiya* no. 9:106-113 S '85.
- GEORGIA—ROSES**
New species of roses in eastern Georgia. I. P. Mandanava. *Zam. po slat. i geog. rast.* no. 25:17-20 '85.
- GEORGIA—SOIL MICRO-ORGANISMS**
Distribution of proactinomyces in the soils of Georgia. A. P. Kamokhidze. *Izv. AN SSSR, Ser. biol.* no. 2:310-318 Mr-Apr '86.
- GEORGIA—SOY THISTLES**
Study of the species *Sonchus oleraceolus* M. R. R. I. Gvacharia. *Zam. po slat. i geog. rast.* no. 25:50-59 '85.
- GEORGIA—SPRUCE**
Characteristics of moisture distribution in the trunks of oriental spruce as related to the conditions of its place of growth. E. D. Lobzhanidze, L. A. Gvacharia. *Sob. AN Gruz. SSR* 41 no. 1:151-156 Ja '86.
- GEORGIA—VANNIC ANTIQUITIES**
New data on the penetration of the Urartean culture into southern Georgia. T. N. Chubinishvili. *Mat. i issl. po arkheol. SSSR* no. 130:198-201 '85.
- GEORGIA—YOUTH**
Intelligentsia and the education of Soviet youth. V. Kachava. *Agitator* 33 no. 5:40-42 Mr '86.
- GEORGIEVSK DISTRICT—PRODUCE TRADE**
State deliveries grow, but the technical base is the same. K. Prokhorov. *Zakup. sel'khoz. prod.* no. 7:30 Ji '85.
- GERANIUM BREEDING**
Comparative anatomical characteristics of some promising hybrids of geraniums and their parent plants. N. D. Chikovani. *Trudy Sukh. opyl. sta. efformasi kul't.* no. 5:9-12 '84.
- GERANIUMS**
Effect of some environmental factors on the accumulation of menthone in the oil of pink geraniums (*Pelargonium roseum*). V. T. Goglia, L. N. Ivanova. *Trudy Sukh. opyl. sta. efformasi kul't.* no. 5:27-33 '84.
- Formation of a menthone-rich type of pink geranium (*Pelargonium roseum*). T. L. Kuchelidze. *Trudy Sukh. opyl. sta. efformasi kul't.* no. 5:13-25 '84.
- GERANIUMS—FERTILIZERS AND MANURES**
Economic foundations of effectiveness in applying mixed organic-mineral fertilizers to the pink geranium (*Pelargonium roseum*) eugenol-bearing basil (*Ocimum menthaefolium* x *O. gratissimum*). V. I. Matvienko. *Trudy Sukh. opyl. sta. efformasi kul't.* no. 5:55-60 '84.
- GERASIMOV, INNOKENTI PETROVICH, 1905-**
Academician L. P. Gerasimov on his 80th birthday. *Izv. Vses. geog. ob-va* 88 no. 1:80-81 Ja-F '86.
- GERIATRICS**
Characteristics of affective psychoses at an elderly age and the evaluation of the capacity for work while suffering from them. V. L. Efimenko. *Trudy LIETIN* no. 18:203-217 '85.
- Characteristics of surgical treatment of patients over 45 years with pulmonary tuberculosis. S. R. Sokolov. *Probl. tub.* no. 5:52-56 '85.
- Clinical and epidemiologic aspects of pulmonary tuberculosis in aged persons. V. I. A. Okrema. *Probl. tub.* no. 5:40-52 '85.
- Clinical and statistical characteristics of elderly mental patients cared for by psychoneurological dispensaries. G. I. Blazhkov. *Trudy LIETIN* no. 18:218-231 '85.
- Contribution of L. R. Tarkhishvili (Tarkhanov) to the problem of longevity and old age. G. S. Pitakholauri. *Fiziol. zhurn. [USSR]* 12 no. 1:118-120 Ja-F '86.

GERMAN, ALEKSANDR VIKTOROVICH

Voskresenskiy, M. L. [German leads the brigade, recollections of a partisan] German vedet brigadu, vospominaniya partizana. [Leningrad] Lentsdal, 1965. 213 p. (CSI-II)

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN FEUILLETONS see Feuilletons, German

GERMAN LANGUAGE—CASE

The dative case in German in set combinations. E. L. Togunova. Uch. zap. Astr. gos. ped. inst. 9 no. 3:18-30 '62.

Verbs governed by the dative case in modern German. E. L. Togunova. Uch. zap. Astr. gos. ped. inst. 9 no. 3:31-45 '62.

GERMAN LANGUAGE—PARTICIPLE

Determining the grammatical significance of participle III V. A. Rozniuk. Zbir nauk. prats' asp. z filol. Kyiv un no 18-105-111 '63

GERMAN LANGUAGE—PHONETICS

Zinder, L. R., and T. V. Stioeva [Historical phonetics of the German language, a textbook for students attending pedagogical institutes and universities] Istoricheskaya fonetika nemeiskogo yazyka, posobie dlia studentov pedagogicheskikh institutov i universitetov. Moskva, Prosveshchenie, 1965 191 p.

GERMAN LANGUAGE—TERMS AND PHRASES

The dative case in German in set combinations. E. E. Togunova. Uch. zap. Astr. gos. ped. inst. 9 no. 3:18-30 '62.

GERMAN LANGUAGE—VERB

Verbs governed by the dative case in modern German. E. E. Togunova. Uch. zap. Astr. gos. ped. inst. 9 no. 3:31-45 '62.

GERMAN LITERATURE—HISTORY AND CRITICISM

Akademika nauk SSSR. Institut mirovoi literatury. [History of German literature in five volumes] Istoriya nemeiskoi literatury v piati tomakh. Moskva, Nauka, Vol. 3, 1790-1848. 1966. 565 p.

GERMAN REUNIFICATION QUESTION (1949-)

Galkin, A. A., and D. E. Mel'nikov. [U.S.S.R., Western states and the German question, 1945-1965] SSSR, Zapadnye derzhavy i germanskii vopros, 1945-1965 gg. Moskva, Nauka, 1966. 261 p.

Voices of reason, peace, and progress. J. Paleiakis. Nov. vrem. 23 no. 15 3-4 Ap '66.

GERMANE

New method of synthesizing arylgermane halides. V. F. Mironov, N. S. Fedotov, Zhur. ob. khim. 36 no. 3. 556-560 Mr '66.

GERMANIUM

Anisotropy of the microhardness of silicon and germanium. F. L. Edel'man. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3:171-173 '64.

Differential capacitance of the highly alloyed germanium-electrolyte interface. T. P. Kashcheeva, IU, V. Pleskov. Elektrokhimiya 2 no. 3:359-363 Mr '66.

Germanium sorption from weak alkaline solutions. A. S. Cherniak, E. M. Esmoni. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:85-90 '64.

Study of the germanium - methylformamide interface by the method of "fast" charging curves. M. D. Krotova.

GERMANIUM ELECTRODES see Electrodes, Germanium

GERMANIUM FLUORIDE

Solubility of germanium tetrafluoride in hydrogen fluoride. I. I. Tyshinskaya, A. A. Opalovskii, N. S. Nikolaev. Izv. SO AN SSSR no. 11 Ser. khim. nauk no. 3:68-72 '64.

GERMANIUM ORGANIC COMPOUNDS see Organo-germanium compounds

GERMANIUM OXIDES

Coprecipitation of microgram quantities of elements with germanium dioxide. E. A. Khlazev, L. E. Stoltsev, S. V. Ponomareva, Zhur. neorg. khim. 11 no. 3:871-873 Mr '66.

System: calcium oxide - germanium dioxide. A. K. Shil'vinskaya, R. G. Grebenshchikov, N. A. Toropov. Izv. AN SSSR, Neorg. mat. 2 no. 2:332-335 F '66.

GERMANIUM OXIDES—TESTING

Variation in the conductance and rate of creep of sintered ceramics from GeO₂ during its reduction. D. N. Polubolarinov and others. Izv. AN SSSR Neorg. mat. 2 no. 2:336-342 F '66.

GERMANY—ALLIED OCCUPATION, 1945-

Work of the Historical Section of the American Armed Forces in Germany, the 1940's and 1950's. S. Appalov. Voen.-ist. zhur. 8 no. 3:114-116 Mr '66.

GERMANY—COMMUNIST YOUTH

Establishment of the Communist Youth League in Germany. V. V. Privolov. Vest. LGU 21 no. 2:32-41 '66.

GERMANY—FOREIGN RELATIONS—RUSSIA

Rosenko, I. A. [Soviet-German relations, 1921-1922] Sovetsko-germanskoe otnosheniya, 1921-1922 gg. [Leningrad] Izd-vo Leningr. univ., 1965. 167 p.

GERMANY—HISTORY

Four Germanies. E. Drabkina. Nov. vrem. 23 no. 13:28-31 Mr '66.

How Rosa Luxemburg struggled against German militarism on the eve of the First World War. R. IA. Evzerov. Nov. i noveli. Ist. no. 2:95-105 '66.

GERMANY—NATIONAL SOCIALISM

Early history of the establishment of the Hitlerite dictatorship. L. I. Gintsberg. Vop. ist. 41 no. 4:180-189 Ap '66.

GERMANY—ORTHODOX EASTERN CHURCH

Russian orthodox churches on German soil (to be concluded). B. Burnkov, Zhur. Mosk. Patr. no. 3:74-76 '66.

GERMANY, EAST—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Designs of multi-story apartment houses in the German Democratic Republic. N. Novikov. Stroi. i arkhit. 14 no. 3:35-39 Mr '66.

GERMANY, EAST—BIBLIOGRAPHY

[New literature on the German Democratic Republic] Nov. lit. po Ger. Dem. Resp. no. 2 '66.

GERMANY, EAST—COMMERCE—PERIODICALS

Review of "Der Aussonhandel" journal. N. Popov, V. Ia. oslav, Vnesh. torg. 46 no. 3:62-63 '66.

GERMANY, EAST—COMMUNIST PARTY

Beginning of a dialogue. IU. Kotov, V. Lomelko. Nov. 16 no. 17-19 Ap '66.
versary of the Socialist Unity Party of
Dezymenskii. Nov. vrem. 23 no. 17 14-

CONSTRUCTION INDUSTRY—

ods of planning and management. i. stol. 8 no. 4:82-84 Ap '66.

REDIT

ing credit to industry in the Democratic Republic. M. Serebrianyi, M. Kir-24 no. 2:85-90 F '66.

SPENSE (CRIMINAL PROCEDURE)

sed under the criminal procedure of atic Republic. T. G. Morshchakova. no. 3:109-114 Mr '66.

SCRIPTION AND TRAVEL

i. Drabkina. Nov. vrem. 23 no. 13;

CONOMIC CONDITIONS

Platkovskii. Kommunist 42 no. 4;

GERMANY, EAST—ECONOMIC POLICY

The most extensive use of the economic laws of socialism. Werner Kahlweit. Translated from the German. Kommunist 1? no. 2:91-98 Ja '66.

GERMANY, EAST—ICE REMOVAL

Chemicals for preventing glaved frost on the highways in East Germany. I. Zinov, A. Kostin. Avt. dor. 29 no. 3:22 Mr '66.

GERMANY, EAST—INCENTIVES IN AGRICULTURE

Efficiency of the system of economic incentives in the agriculture of the Democratic Republic of Germany. E. Khol'ts. P'kon sel' kho' 11 no. 3:113-117 Mr '66.

GERMANY, EAST—MACHINERY INDUSTRY—PRODUCTION METHODS

Use of highly productive welding methods at the Magdeburg heavy machinery plants. K. G. Khramko. Avtom. svar. 16 no. 2:58-60 F '66.

GERMANY, EAST—SCHOOLS—FURNITURE, EQUIPMENT, ETC.

Serial manufacture of furniture of work classes. Shkola i polozh. 10 no. 1:91-92 Mr '66.

GERMANY, EAST—TELEVISION

The television of the German Democratic Republic is 10 years old. M. Leinke. Sov. radio i tel. 12 no. 1:72 Ap '63.

GERMANY, EAST—VOCATIONAL EDUCATION

Organizing the correspondence and evening courses in the secondary specialized schools of the German Democratic Republic. Letai Hegel, Helmut Kutzler. Srad. upisn. obr. 13 no. 1:46-47 Ja '66.

GERMANY, WEST—ELECTRIC POWER PLANTS

New electric power plants of the German Federal Republic. V. IA. Glushchik. Teploenergetika 12 no. 12:81-83 D '66.

GERMANY, WEST—FIELD CROPS—FERTILIZERS AND MANURES

Agricochemical services in the German Federal Republic. V. I. Duka. Vest. sel'khoz. nauk 10 no. 6:139-141 J '66.

GERMANY, WEST—FOREIGN RELATIONS—FRANCE

A losing treaty. I. Manfred. Nov. vrem. 23 no. 15:23-25 Ap '66.

GERMANY, WEST—FOREIGN RELATIONS—SOUTH AFRICA, REPUBLIC OF

A new "role" in South Africa. L. Kornecov. Mir. ekon. i mezhdunar. otn. no. 3:116-118 '66.

GERMANY, WEST—MILITARISM

Growing military and economic potential and the general militarization of the German Federal Republic. V. N. Iulovych. Ukr. ist. zhur. 10 no. 2:13-21 F '66.

Novachist "Straussiana," or escalation of atomic blackmail. A. Bykhovskii, I. Fedorov. Mezhdunar. zhizn' 13 no. 4:110-115 '66.

GERMANY, WEST—POLITICS AND GOVERNMENT

Germany today. V. Platkovskii. Kommunist 42 no. 4:87-100 Mr '66.

In the storm belt. A. Gligori Hantz. Nov. vrem. 23 no. 15:14-16 Ap '66.

GERMANY, WEST—SOCIAL DEMOCRATIC PARTY

Beginning of a dialogue. IU. Kotov, V. Lomelko. Nov. vrem. 23 no. 16:17-19 Ap '66.

GERMANY, WEST—SOILS—ANALYSIS

Agricochemical services in the German Federal Republic. V. I. Duka. Vest. sel'khoz. nauk 10 no. 6:136-141 Ja '66.

GERMANY, WEST—WELDING

Welding in the German Federal Republic. B. I. Paton, D. A. Dudko, M. I. Zykova. Avtom. svar. 19 no. 2:72-75 F '66.

GERMINATION

Calculating an increase in seed germination by the reservation method. SH. L. Bobinshvili, T. G. Zhigenti. Sov. AN Gruz SSR 41 no. 1:41-43 Ja '66.

Effect of some factors on seed germination. IU. D. Petrenko. Sbor. nauch. rad. Volg. gos. ped. inst. no. 1:36-43 '64.

Resistance of rice to germination on stalk. A. P. Smotnin, K. M. Narainan Nambudiri. Vest. sel'khoz. nauk 10 no. 6:58-61 Ja '65.

Treating pine seeds with a complex of activating agents. V. I. Mosin. Vest. sel'khoz. nauk [Kazakh.] 9 no. 2:63-100 F '66.

GERSEVANOVA, MIKHAIL NIKOLAEVICH, 1890-1907

Mikhail Nikolovich Gershevanov; on the occasion of the 15th anniversary of his birth V.R. Togonidze Prikl. mekh. 2 no. 2 138-140 '66.

GERSHENZON, SERGEI MIKHAILOVICH, 1906-

Sergei Mikhailovich Gershenzon, Genetika no. 2 155-160 '66

GEYSERS see subdivision under Geyzernaya Valley**GEYZERNAYA VALLEY—GEYSERS**

In the Geyzernaya Valley, P. I. Koutomlin, Zap. Primor. fil. Geog. ob-va SSSR no. 1 130-131 '65.

GIARDIASIS

Producing experimental infection of white rats with Lamblia intestinalis, V. V. Gotskalka, L. A. Vrublevskaya, Med. parn. i pu. az. bol. 75 no. 2 208-208 Mh-Ap '66.

Some biochemical studies of the intestinal form of lamblia, V. I. Khalilova, Trudy kish. gos. med. inst. 14 239-240 '61.

GIBBERELLIN

Gibberellins and related substances, Report No. 2: Isolation of some metabolites from Fusarium moniliforme, E. P. Serebrinkov, V. P. Kucherov, G. S. Muntsev, Khim. prirod. soed. 2 no. 1 55-58 '66.

Use of gibberellin as a growth stimulant for the seedlings of Siberian pine, V. D. Roshchina, Izv. vyz. ucheb. zav., Leningrad. gos. univ. 6 165-166 '65.

Use of mutagenic factors in selecting gibberellin-producing Fusarium moniliforme mutants, L. I. Erokhina, L. V. Solovova, Genetika no. 1 109-115 Ja '66.

GINSENG

Glycosides from ginseng roots, Part 6: Structure of a carbohydrate chain of panaxoside A, G. B. Efimov, L. I. Strigina, N. K. Kochetkov, Khim. prirod. soed. no. 3 149-152 '65.

Isolation of daucosterin from Acanthopanax sessiliflorum, L. A. Eliakova and others, Khim. prirod. soed. 2 no. 1 32-33 '66.

GINZBURG, IL'IA ISAAKOVICH, 1892-1965

Il'ia Isaakovich Ginzburg; obituary, Izv. AN SSSR, Ser. geol. 31 no. 1 113-114 Ja '66.

GIRDERS see Beams and girders**GIRLS**

Development of motor functions in young girls (4-18 years old) depending on their training schedule, A. G. Vasilev, Teor. i prikl. fiz. kul't. 20 no. 3 13-17 Mh '66.

GISSAR RANGE—FRUIT—DISEASES AND PESTS

Kutlich, P. N. [Beetles harmful to fruits and nut plants on the southern slope of the Gissar Range] Zhukki, vrednashchie plodovym i orekhoplodnym kul'turam lizhnogo sklonia Gissarskogo khrebita, Dushanbe [Izd-vo AN Tadzhikskoi SSR] 1965, 170 p. (DNL)

GISSAR RANGE—GEOCHEMISTRY

Some results of the geological study of the Jurassic terrigenous formation in the southwestern spur of the Gissar Range, S. K. Saliyeva, Uzb. geol. zhur. 10 no. 1 68-76 '66.

GISSAR RANGE—MOUNTAIN ECOLOGY

Rhythm of seasonal development of plants in the shrub belt and sclerophyllous of the southern slope of the Gissar Range, E. I. Barabanov, Biol. MOIP, Old Biol. 71 no. 1 62-73 Ja-F '66.

GISSAR RANGE—NUTS—DISEASES AND PESTS

Kutlich, P. N. [Beetles harmful to fruits and nut plants on the southern slope of the Gissar Range] Zhukki, vrednashchie plodovym i orekhoplodnym kul'turam lizhnogo sklonia Gissarskogo khrebita, Dushanbe [Izd-vo AN Tadzhikskoi SSR] 1965, 170 p. (DNL)

GLACIAL EPOCH see subdivision under White Russia**GLACIERS see subdivision under Korea, North; Schirmacher Ponds, Antarctica****GLACIOLOGY—CONGRESSES**

Vsesoyuznyy glaciologicheskii simpozium, 3d. [Abstracts of papers at the Third All-Union Glaciological Symposium] Tezisy dokladov..., Frunze, Akad. nauk Kirgizskoi SSR, 1965, 105 p.

GLADIOLUS

Fall planting of gladiolus "apawn," E. G. Gerashevich, Zap. Primor. fil. Geog. ob-va SSSR no. 1 107 '66.

GLASS

Theoretical study of glass crystallization by means of the method of differential thermal analysis, A. I. Sherstuk, Opt.-mekh. prom. 33 no. 2 28-33 F '66.

GLASS, OPTICAL

Effect of temperature on the coefficient of expansion and index of refraction of glass, O. S. Shchavlev, Opt.-mekh. prom. 33 no. 3 31-31 Mr '66.

Mechanical strength of optical glass, A. I. Kuznetsov, L. A. Orlova, N. E. Krasikov, Opt.-mekh. prom. 33 no. 3 35-37 Mh '66.

Method of calculation and design of narrow-band absorption light filters made of colored glass, with a given spectral characteristic, M. I. Alekseeva, Opt.-mekh. prom. 33 no. 3 8-11 Mh '66.

Structural changes in the color centers of glass dyed with Cd, S and Se compounds occurring during the setting process, I. M. Burzhinskii, N. I. Emel'kova, Opt.-mekh. prom. 33 no. 2 25-28 F '66.

GLASS FACTORIES see subdivision under Gmel'**GLASS FIBERS**

New method of studying the process of forming a continuous glass fiber, M. D. Khodakovskii, S. S. Kutubov, Stek. i ker. 23 no. 3 15-20 Mr '66.

GLASS FIBERS—SPECTRA

Effect on paramagnetic resonance in silicate glass fibers, R. S. Shevelovich, Izv. AN SSSR Neorg. mat. 2 no. 2 300-301 F '66.

GLASS FIBERS—TESTING

Effect of water and electrolyte solutions on glass-fiber fabrics made from alkaline and alkali-free glass, I. E. Filat, T. A. Tumanova, G. M. Zubova, Trudy LTITSB no. 10 50-55 '65.

GLASS FURNACES

Using infrared heating of the glass in incalculable tempering furnaces, V. M. Lantshevskii, E. A. Voronkov, Stek. i ker. 23 no. 3 7-10 Mr '66.

GLASS FURNACES—DESIGN AND CONSTRUCTION

Operational properties of electrofused badeleyite-corundum refractories, L. L. Chernina, G. N. Zholina, Stek. i ker. 23 no. 3 10-13 Mr '66.

GLASS FURNACES—EQUIPMENT AND SUPPLIES

Effect of fluctuations in the charge composition and the glass batch on the indices of the sheet glass tank furnaces, M. I. Manusovich, V. V. Poliak, E. I. Smirnov, Stek. i ker. 23 no. 3 14-17 Mr '66.

Using thermocouples to measure the temperature of the glass batch in glass furnaces, V. M. Obukhov, Stek. i ker. 23 no. 3 36-39 Mr '66.

GLASS MANUFACTURE see subdivision under Tanks**GLASS MANUFACTURE—CHEMISTRY**

Structural-chemical characteristics of glasses, A. S. G. G. E. V. Shkol'nikov, Z. U. Borisova, Vest. LGU 21 no. 4 120-128 '66.

GLASS MANUFACTURE—HYGIENIC ASPECTS

Improving work conditions in the manufacture of tempered glass, M. I. Suponitskii, F. M. Shleifman, E. P. Tupchik, Stek. i ker. 23 no. 3 14-15 Mr '66.

GLASS-METAL SEALING

Effect of copper oxides on copper-bonding to certain glasses, A. I. Avgustinik, G. I. Zhuraviev, V. S. Vlgdergauz, Zhur. prikl. khim. 39 no. 2 155-157 F '66.

GLASS REINFORCED PLASTICS

Elasticity of a closed cylindrical orthotropic flexible shell making allowance for linear heredity, M. A. Koltunov, A. El-Kurmani, Vest. Mosk. un. Ser. I: Mat., mekh. 21 no. 2 112-119 Mr-Ap '66.

Manufacturing automobile cabs and bodies of glass reinforced plastics, V. S. Tsybin, Sbor. trud. MVTU no. 2 60-75 '62.

Pressure pipes made of glass reinforced plastics for the transportation of gas, petroleum and petroleum products, N. T. Bukhtiarov, G. G. Nosov, Sbor. trud. MVTU no. 3 70-88 '63.

Reaction of the GVS-8 coupling agent with a PN-1 binder, S. N. Nikonova and others, Plast. massy no. 3 45-47 '60.

Stress distribution in fiber reinforced plastics under tension, T. V. Borzova, Vest. Mosk. un. Ser. I: Mat., mekh. 21 no. 2 106-111 Mr-Ap '66.

Using glass reinforced plastics for suspension roofs, V. G. Stoli'ko, Stoi. i arkhitekt. [sbornik] no. 2 80-95 '65.

GLASS REINFORCED PLASTICS—MOLDING

Manufacture of large parts of glass reinforced plastics using the method of press molding, V. S. Tsybin, Sbor. trud. MVTU no. 3 35-45 '63.

Using technological anisotropy of glass reinforced plastics in press molding of power parts, V. P. Stavrov, V. G. Dedukhin, Vest. mashinost. 40 no. 2 46-48 F '66.

GLASS REINFORCED PLASTICS—TESTING

Effect of aqueous electrolyte solutions on polyester glass plastics containing glass-fiber fabrics untreated by a hydrophobic and adhesive composition, A. N. Dmitrieva and others, Trudy LTITSB no. 10 117-125 '65.

Effect of the scale factor on the strength of the AG-4V glass reinforced plastics, M. I. Voronin, A. V. Motavkin, Sbor. trud. MVTU no. 4 3-16 '64.

Glass-fiber plastics based on polyester-and-epoxy binders and produced by the contact method at normal temperatures, L. I. Kravchenko, N. S. Loznov, I. A. D. Avrasin, Plast. massy no. 3 28-33 '66.

GLASSWARE see subdivision under Czechoslovakia**GLAUCOMA**

Pathohistological changes in the optic disk of enucleated eyes following absolute secondary glaucoma, G. G. Kaban, Arzb. med. zhur. 43 no. 1 22-26 Ja '66.

Prigozhina, A. L. [Pathological anatomy and the pathogenesis of glaucoma] Patologicheskaya anatomia i patogenez glaukomy. Moskva, Meditsina, 1965, 219 p. (DNL)

GLAZES

Methodology of determining the stresses in glasses by means of the photographic method, O. F. Iarmak, N. V. Bykovich, Lch. prom. no. 1 18-20 Ja-F '66.

GLIDERS (AERONAUTICS)—MODELS

Offspring of a kite, Kiy. rod. 17 no. 1 28-29 Ap '65.

GLIDING AND SOARING

Basic conditions for the optimality of a high-speed soaring flight, E. P. Vachasov, Samoletost. i tekhn. vozd. flota no. 1 3-9 '65.

The first soaring, E. Aleksandrova, Kiy. rod. 17 no. 4 20 Ap '66.

A high sky for gliding, Kiy. rod. 17 no. 4 12 Ap '66.

Theory of a mechanized start, V. Bel'skii, Kiy. rod. 17 no. 3 25-27 Mh '66.

GLIDING AND SOARING—STUDY AND TEACHING

In order to teach, one must know how, D. Dvoznosov, Kiy. rod. 17 no. 3 21-22 Mr '66.

GLOBULIN

Krasnovarsk. Gosudarstvennyi meditsinskii institut. [Papers on clinical biochemistry; the protective role of labile globulins and blood fibrinogen] Sbornik nauchnykh rabot po klinicheskoi biochemii, zashchitnaya rol' labil'nykh globulinov i fibrinogena krovi. [Krasnovarsk] Krasnovarskoe knizhnoe izd-vo, 1962, 136 p. (DNL)

GLOWACKI, ALEXANDER, 1847-1912

Comparative study of B. Prus' literary works, E. Z. Tsybenko, Sov. slav. no. 2 21-30 '66.

GLUCOSE

Change in sugar content of the blood as affected by the action of glucose on the receptors of the oral cavity and small intestine, L. G. Mal'nikova, Dokl. AN SSSR 10 no. 1 56-60 Ja '66.

Mechanism of the glucose inhibition of induced amylose synthesis in Aspergillus oryzae, R. V. Fomskova, A. S. Tikhomirova, A. K. Kulikova, Mikrobiologiya 34 no. 6 972-977 N-D '65.

Oxidation of cellulose glucose monomers by chlorine or hypochlorous acid in water solutions at 25°C temperatures, I. E. Filat, T. A. Tumanova, N. V. Pldorenko, Trudy LTITSB no. 10 50-61 '65.

Oxidation of cellulose glucose monomers with chlorine dioxide at various temperatures, I. E. Filat and others, Trudy LTITSB no. 10 62-67 '65.

Polarimetric analysis of the reaction of the cellulose glucose monomer with chlorine dioxide, T. A. Tumanova, Sh. Khernadi, Trudy LTITSB no. 10 172-175 '65.

Some regularities of the glucose absorption from the small intestine, N. Sh. Amshov, Biol. eksp. biol. i med. 61 no. 1 28-32 Ja '66.

GLUCOSE OXIDASE

Akademiya nauk URSS, Kiev. [Proteins in medicine and the national economy; blood proteins, glucose oxidase] Belki v meditsine i narodnom khoz. i zashchite; belki krovi, glukozooksidaza, Kiev, Naukova dumka, 1965, 247 p. (Respublikanskii mezhdunarodnyi sbornik. Seriya: "Molekulyarnaya biologiya")

GLUCOSE PHOSPHATASE

Activity of glucose-6-phosphatase in the liver and kidneys of rats in hypoxic hypoxia, V. V. Postupayev, N. V. Maidanova, Vop. med. khim. 12 no. 1 78-81 Ja-F '66.

GLUE

Glue in elements of sanitary engineering systems, V. Obvintsev, Stoi. i arkhitekt. 14 no. 1 30-32 Ja '66.

Latex glues for attaching and bookbinding operations, M. S. Rudnitskii, L. A. Makarovskaya, Poligrafia no. 6 23-24 Je '64.

GLUING

Some characteristics of glued joints, A. P. Kalmychov, Sudostroenie 56 no. 1 76-79 Ja '66.

GLUTAMIC ACID

Evolution of the catalytic function of glutamic acidase system. L. P. Zubov, Z. S. Pagan. Dokl. AN SSSR 198 no. 4 982-985 F '66.

Zhushman, A. I. [Production and use of glutamic acid and sodium glutamate] Proizvodstvo i primeneniye glutaminovoi kisloty i glutamata natriya. Moskva, Tsentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1965. 42 p.

[MICROFILM]

GLUTAMIC ACID—PHYSIOLOGICAL EFFECT

Characteristics of the teratogenic effect of aminopterin as compared with other harmful agents. V. S. Baranov. Biol. eksp. biol. med. 61 no. 1 77-82 Ja '66.

GLUTAMIC-OXALACETIC TRANSAMINASE

Determination of glutamic-aspartic and glutamic-alanine transaminases in blood serum. P. M. Babashkin. Lab. delo no. 3 112-113 '66.

GLUTAMIC-PYRUVIC TRANSAMINASE

Determination of glutamic-aspartic and glutamic-alanine transaminases in blood serum. P. M. Babashkin. Lab. delo no. 3 112-113 '66.

GLUTARIC ACID

Characteristics of *Pseudomonas fluorescens* strain 3B, producer of α -ketoglutaric acid. I. G. Kolesnikova, N. A. Kosheleva, L. A. Baikova. Mikrobiologiya 35 no. 1 72-78 Ja-F '66.

Characteristics of the formation of α -ketoglutaric acid in *Pseudomonas fluorescens* 3B. N. A. Kosheleva, I. G. Kolesnikova, L. A. Baikova. Mikrobiologiya 34 no. 6 960-965 N-D '65.

GLUTARIMIDE—PHYSIOLOGICAL EFFECT

Comparative pharmacological characteristics of benzo-glycine and corazole. V. A. Tateev. Farm. i toks. 27 no. 6 662-665 N-D '61.

GLUTEN

Physicochemical changes in the gluten of germinating wheat. Report No. 1. Viscometric studies. O. S. Shorina, A. B. Vakari, V. L. Kretovich. Prikl. biokhim. i mikrobiol. 2 no. 1 20-26 Ja-F '66.

Physicochemical changes in the gluten of germinating wheat. Report No. 2. Amino acid composition. O. S. Shorina, A. B. Vakari, V. L. Kretovich. Prikl. biokhim. i mikrobiol. 2 no. 2 121-127 Mr-Apr '66.

GLYCERIDES

Application of the method of glycerolysis of fats for the production of mono-glycerides. A. R. Menning, A. G. Mikhailina. Masl. zhil. prom. 31 no. 1 26-27 Ja '65.

GLYCEROL

Coefficients of condensation of sulfuric acid, glycerol, and n-dibutyl phthalate. A. I. Baranova, A. G. Amelin, N. M. Antonova. Koll. zhur. 28 no. 1 14-20 Ja-F '66.

Irodov, M. V., and others. [Experience in the use of ion-exchange resins in the production of glycerol] Opyt primeneniya ionobimennyykh smol v proizvodstve glitserina. Moskva, TsNITIPlishcheprom, 1965. 43 p.

Use of thin-layer chromatography in the analysis of intermediate products of etiol synthesis. E. O. Turgol', E. V. Kuznetsova. Zhur. anal. khim. 21 no. 2 245-248 '66.

GLYCINE

Effect of typhalline on the inclusion of glycine in nucleic acids and proteins of brain tumors in mice. L. I. Levchenko. Vop. med. khim. 12 no. 1 34-38 Ja-F '66.

GLYCINE—THERAPEUTIC USE

Arginine and glycocoll in acute phthalic anhydride poisoning. M. G. Stepanov. Farm. i toks. 27 no. 6 741-742 N-D '64.

GLYCOGEN

Histochemical studies on white muscle disease in lambs. R. F. Shchukina-Buzmakova. Veterinariya 42 no. 1 54-55 Ja '66.

GLYCOLIC ACID

Phosphorus-containing heterocycles. Part 7. Condensation reaction of glycolic phosphorous acid chlorides with α , β -unsaturated aldehydes, ketones, acids, and azines. N. A. Razumova and others. Zhur. ob. khim. 36 no. 2. 244-254 F '66.

Substitution of hydroxycarboxylic acid hydrazide. Part 26. Nitrobenzoyl derivatives of phenylhydrazides of diaryl- and dialkylglycolic acids. I. S. Berdnik, L. S. Nikulina. Zhur. org. khim. 2 no. 3 481-483 Mr '66.

GLYCOLS

Structure of polyacroleins. Report No. 1. Interaction of acrolein polymers with glycols and Grignard reagent. M. F. Shostakovskii. V. I. Beliaev, L. T. Ivanova. Izv. SOAN SSSR no. 11, Ser. khim. nauk no. 3 110-114 '64.

GLYCOLYSIS

Effect of experimental muscular dystrophy on the intracellular localization of glycolysis enzymes in the skeletal muscles. V. A. Hryhor'eva, E. H. Medvedev, L. V. Shestakova. Upr. biokhim. zhur. 38 no. 1 70-77 '66.

GLYCOPROTEINS

Serum glycoproteins in healthy patients and in multiple myeloma. A. E. Gaiser. Sbor. nauch. i ob. vrach. Kn. ASSR no. 4 71-78 '62.

GLYCOSIDES

Comparative data on the study of glycoside preparations derived from *Betonica officinalis* and *Betonica grandiflora*. V. L. Horiodynska and others. Farmatsev. zhur. 18 no. 6 51-53 '63.

Eichrozol, a new natural cardiac glycoside. I. F. Makarevich. Khim. prirod. soed. no. 3 160-162 '65.

Glycosides from ginseng roots. Part 6. Structure of a carbohydrazide chain of panaxoside A. G. B. Elnikov, L. I. Strigina. N. K. Kochetkov. Khim. prirod. soed. no. 3 149-152 '65.

Phytochemical study of the red straw gallium *salicifolium*. M. I. Boryssov, I. U. B. Borysluk. Farmatsev. zhur. 18 no. 6 16-19 '63.

GLYCYRRHETIC ACID

Some data on the mechanism of the antiphlogistic effect of glycyrrhizic and glycyrrhetic acids isolated from *Glycyrrhiza gabra*. S. S. Nikitina. Farm. i toks. 29 no. 1 67-70 Ja-F '66.

GLYCYRRHIZIC ACID

Some data on the mechanism of the antiphlogistic effect of glycyrrhizic and glycyrrhetic acids isolated from *Glycyrrhiza gabra*. S. S. Nikitina. Farm. i toks. 29 no. 1 67-70 Ja-F '66.

GLYOXYLIC ACID

Study in the series of arylhydrazones, substitution derivatives of glyoxylic acid. Part 8. Arylhydrazones of ethyl ether and amide of 4'-phenylthiaryl glyoxylic acid. R. G. Dubenko. Zhur. org. khim. 2 no. 3 485-488 Mr '66.

GNIDIN OIL FIELD—PETROLEUM GEOLOGY

Reservoir properties of rocks in producing sediments of the Gnidin oil field. V. I. Savchenko. Izv. vuz. ucheb. zav. nefi i gaz. 9 no. 1 9-13 '66.

GOATS see subdivision under Geology

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Nature of the fantastic in N. V. Gogol's story "The May night." T. A. Gramina. Sbor. nauch. i ob. Volg. gos. ped. inst. no. 1 202-209 '64.

GOITER

(see also subdivision under Azerbaijan)

Agafonov, F. G. [Postoperative recurrent goiter] Postoperatsionnyy retsidivnyi zob. Moskva, Meditsina, 1966. 109 p. (Biblioteka prakticheskogo vracha) (DNLM)

Emergency surgery in nodular forms of goiter. A. N. Likhin. Klin. khim. no. 4 9-11 '65.

Goiter of the aberrant lateral thyroid glands and its surgical treatment. D. F. Sviridchenko and others. Klin. khim. no. 4 3-9 '65.

Results of 1200 operations performed for goiter. E. M. Borovyi. Khirurgiya 42 no. 3 109-103 Mr '66.

GOLD—METALLURGY

Bucket of gold to a barrel of mazut. G. Shvilya. Izobr. i rats. no. 2 24-25 '66.

GOLD ISOTOPES

Effect of diluents on the resorption of colloidal Au 198 into the lymphatic system. V. V. Sedov, S. V. Seryi, N. F. Tatarsov. Med. rad. 11 no. 2 33-37 F '66.

GOLD ISOTOPES—THERAPEUTIC USE

State of megakaryocytes of bone marrow in patients with breast cancer and cancer of the lungs following treatment with colloidal Au 198. K. A. Agamova, M. L. Brin. Med. rad. 11 no. 2 81-84 F '66.

GOLD IN THE BODY

Study of gold distribution in the cerebrospinal fluid in some nervous diseases by the method of neutron activation. T. I. Chikvoni and others. Soob. AN Gruz. SSR 41 no. 1 245-249 Ja '66.

GOLD ORES see subdivision under Aldan District Aldan Plateau

GOLDEN HORDE

Excavations of the ruins of Novyy Saray in 1963-1964. G. A. Fedorov-Davydov. Sov. arkheol. 10 no. 2 233-240 '66.

Philological analysis of the "Jarkhan" licenses issued by the Khans of the Golden Horde to Russian Metropolitans. A. K. Borovkov. Izv. AN SSSR. Ser. lit. i jaz. 26 no. 1 13-24 Ja-F '66.

Golds see subdivision under Bikh Valley (Maritime Territory)

GOLODOV, IVAN IVANOVICH, 1902-1965

Ivan Ivanovich Golodov, an obituary. Fiziol. zhur. 52 no. 1 120-121 Ja '66.

GOMEL'—GLASS FACTORIES

Various types of glass. D. Zolotarev, I. Kuznetsov. Aglinoz. 37 no. 5 13-15 M '66.

GOMEL'—OIL INDUSTRIES

Results of the work of the Oil Combine in Gomel'. N. A. Makimchik. Masl. zhil. prom. 32 no. 1 33 Ja '66.

GOMEL' PROVINCE—ARCHIVES

Using the documentary materials of the Archives of Gomel' Province. V. V. Kozlov. Vop. ark. 9 no. 1 50-61 O-N '61.

GOMEL' PROVINCE—MILK TRADE—FINANCE

Use of planned payments in settling accounts with delivery of dairy products. A. D. Laktionov. Den. i kred. 24 no. 2 62-61 F '66.

GOMEL' PROVINCE—MOUNDS

A Bronze Age burial mound on Strelitsa Hill. I. L. Artemenko. Arkh. i etn. po ark. ob. SSSR no. 130 110-115 '65.

GONADOTROPIN

Histological and functional changes in the ovaries and thyroid gland of guinea pigs after the injection of pregnant mare's serum and blood. G. A. Chuprakov. Vets. i med. 42 no. 1 66-72 Ja '66.

Pregnant mare's serum in the control of sterility in cows. J. K. Lukatskiy, D. K. Dashkevich. Vets. i med. 42 no. 1 72-73 Ja '66.

GONIOMETERS

Simplified mechanical mounting and goniometry of large calcite crystals. A. V. Shustov. Zap. Vses. min. ob-va. 95 no. 1 102-105 '66.

GONORRHEA

Results of otolysin therapy of gonorrhea in males. A. V. Minkovskii. Vest. dermat. i ven. no. 6 59-60 '65.

GOOSEBERRIES

Some characteristics of the morphogenesis of Gonoluria Hill and Ribes L. V. L. Vitkovskii. Bot. zhur. 51 no. 1 101-111 Ja '66.

GORKI—AGRICULTURAL COLLEGES

Home of agricultural education in our country. K. M. Sointsev. Vest. sel'khoz. nauki 11 no. 3 117-120 M '66.

GORKI, MAKSYM, 1868-1936

A. M. Gorki and the library of the Russian Social Democratic Party. V. A. Kuz'ko. Vop. ark. 9 no. 4 39-40 O-N '64.

Akademiya nauk SSSR. Institut mirovoi literatury. [Gorki's readings, 1904-1905; Gorki and Russian literature at the beginning of the 20th century; Gorki's creative life, 1904-1905; Gorki's Russian literature of the XX century. Moskva, Nauka, 1966. 398 p.]

Bogach, G. [Gorki and Moldavian folklore] Gorki i moldavskii fol'klor. Kishinev, Karla moldovenaske, 1966. 232 p.

M. Gorki and the Soviet press. V. D. Pol't. Vest. Mosk. un. Ser. 7. Filol., zhur. 20 no. 6 136-46 N-D '65.

Vocabulary of M. Gorki; lexicographic studies in the universities of our country. L. S. Kovtun. Vest. i ust. 21 no. 2 117-131 '66.

GORKIY—AUTOMOBILE INDUSTRY

Communist of an industrial plant. A. Maslagin. Kommunist 42 no. 2 10-27 Ja '66.

Resistance butt welding at the Gorki Automobile Plant. A. I. Gulinaev, A. F. Pavlenko. Svar. prot. no. 4 17-19 Ap '66.

GORKIY—AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Council of the scientific and technological society introduces new equipment. M. S. Slutskiy. Mashinostroitel' no. 3 33-34 Mr '66.

GORKIY—CLOTHING INDUSTRY

A department store and direct contacts. S. Nagornaya. Sov. torg. 39 no. 3 19-21 M '66.

First results. N. Alifeyeva. Kommunist 42 no. 1 32-35 Ja '66.

GORKIY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Toward new horizons. A. Maslagin. Kommunist 42 no. 4 54-61 Mr '66.

GORKIY—MACHINERY INDUSTRY WORKERS—EDUCATION AND TRAINING

A new man came to the plant. M. Shirdin. Sov. profsoyuzy 22 no. 6 20-21 Mr '66.

GORKIY PROVINCE—BOOKSELLERS AND BOOKSELLING
We should show concern for the reading of books.
M. Koshkandova. Knizh. izv. 17 no. 1-21 Ja '66.

GORKIY PROVINCE—LARCH

Growth characteristics of Sukhachev's larch in the Gorkiy area of the Trans-Volga region. N. V. Kupchanov. Izv. vyssh. ucheb. zv. i nauch. zhur., 8 no. 6 35-37 '65.

GORKIY RESERVOIR—BENTHOS

Benthos of Gorkiy Reservoir, based on materials of 1956-1960. Izv. GosNIORKH 59 149-167 '65.

GORKIY RESERVOIR—BREAM

Heterogeneity of bream stock in Gorkiy Reservoir. T. V. Lesnikova. Izv. GosNIORKH 59 123-129 '65.

GORKIY RESERVOIR—FISHERIES

Gorkiy Reservoir as a habitat for fishes. G. P. Korshenkov. Izv. GosNIORKH 59 7-18 '65.

GORKIY RESERVOIR—FISHES

Deformity cases in fishes of Gorkiy Reservoir. T. V. Lesnikova. Izv. GosNIORKH 59 138-142 '65.

Development of fish resources of Gorkiy Reservoir during first years of its existence. G. P. Korshenkov. Izv. GosNIORKH 59 13-27 '65.

Species, distribution and growth of young fishes in Gorkiy Reservoir during first years of its existence. G. G. Galin. Izv. GosNIORKH 59 98-122 '65.

GORKIY RESERVOIR—FISHES—FOOD

Enrichment of food resources in Gorkiy Reservoir. T. S. I. Isife. Izv. GosNIORKH 59 168-178 '65.

Feeding habits of fishes in Gorkiy Reservoir. A. P. Gladikh. Izv. GosNIORKH 59 180-206 '65.

GORKIY RESERVOIR—MICROBIOLOGY

Abundance of bacterial plankton of Gorkiy Reservoir from the 3d to the 5th year of its existence. A. P. Romanov. Izv. GosNIORKH 59 113-118 '65.

GORKIY RESERVOIR—PIKE

Materials on the biology and morphology of pike (Esox lucius L.) in Gorkiy Reservoir. V. A. Shutov. Izv. GosNIORKH 59 130-137 '65.

GORKIY RESERVOIR—ROTIFERA

Horizontal distribution and seasonal dynamics of Rotatoria in the southern part of the Kostroma floodland of Gorkiy Reservoir. V. A. Volkov. Izv. GosNIORKH 59 227-234 '65.

GORKIY RESERVOIR—SOIL CHEMISTRY

Hydrochemical conditions and soils of Gorkiy Reservoir according to data from 1960-1961. I. V. Baranov. Izv. GosNIORKH 59 10-42 '65.

GORKIY RESERVOIR—WATER—COMPOSITION

Hydrochemical conditions and soils of Gorkiy Reservoir according to data from 1960-1961. I. V. Baranov. Izv. GosNIORKH 59 10-42 '65.

Hydrochemical conditions of the Kostroma floodland of Gorkiy Reservoir. T. A. Noskova, M. I. Kushnir, L. I. Kiseleva. Izv. GosNIORKH 59 211-226 '65.

GORKIY RESERVOIR—WATER FLEAS

Horizontal distribution and seasonal dynamics of Cladocera in the southern part of the Kostroma floodland of Gorkiy Reservoir. A. L. Zelikman, V. A. Ogorodnikov. Izv. GosNIORKH 59 235-244 '65.

GORKIY RESERVOIR—ZOOBENTHOS

Benthos of the southern part of the Kostroma floodland of Gorkiy Reservoir. A. N. Sukhanov, N. I. Trofimukova. Izv. GosNIORKH 59 245-257 '65.

GORKIY RESERVOIR REGION—FISH CULTURE

Kostroma floodland of Gorkiy Reservoir as a body of water to be used for fisheries. A. L. Zelikman. Izv. GosNIORKH 59 207-210 '65.

GORKIY RESERVOIR REGION—FISHERIES

Organization and location of the fishing industry of Gorkiy Reservoir. A. A. Kuznetsovskii. Izv. GosNIORKH 59 258-268 '65.

GORODISHCHIE (PENZA PROVINCE)—JOURNALISM—BANKS AND BANKING

I deal press helps. Den. kred., 24 no. 2:76-77 F '66.

GORSHKOVA, ALEVTINA

Success to you, Alena! B. Vagina. Kryl. i rod., 17 no. 3: 14-15 Mr '66.

GOTALOV-GOTLIB, ARTEMII GRIGOR'EVICH, 1860-1960

A. G. Gotalov-Gotlib. F. L. Gotlib. Ukr. ist. zhur., 10 no. 1:141-145 Ja '66.

GOVERNMENT BUSINESS ENTERPRISES see subdivision under Indonesia

GOVERNMENT OWNERSHIP

(see also subdivision under Europe, Eastern, Europe, Western, Underdeveloped areas)

Role of budget in the state monopoly regulation of economy. B. Bolshakov. In: VSSR 10 no. 1:61-69 Mr '66.

State monopoly capitalism: its tendencies, contradictions, and dual nature. A. Pokrovskii. Knizh. izv. i mezhduim. otn., no. 3 70-80 '66.

GRADEHS (EARTHMOVING MACHINERY)

Kiev. Nauchno-issledovatel'skii institut strel'nogo proizvodstva. [Service manual for the D-265 motor grader.] ATbom tekhnicheskogo obsluzhivaniia avto-graidera D-265. Moskva, Strojizdat, 1966. 79 p.

GRAFTING

Glavich, R. [Developing plant forms and varieties by controlled change of heredity.] Vychdenie rastitel'nykh form i sovov putem napravlenogo izmeneniia nasledstvennosti. Moskva, Kolos, 1966. 173 p.

(DNAL)

Propagation of slow-growing rootstocks by lignified cuttings. B. G. Matyaganov. Vest. sel'khoz. nauk [Kazakh] 8 no. 2 121-121 F '66.

GRAIN

(see also subdivision under Kazakhstan; Kiyutun District; Soviet Central Asia; Zakai District)

The chief economist of a large cereal-product enterprise M. Krasnopol'skii. Zakup. sel'khoz. prod. no. 6:27-28 Ja '65.

Mathematicostatistical methods for economic calculations in grain processing. L. Kruchkov. Muk.-elev. prom., 32 no. 1 21-24 Ja '66.

Production of grains expands. Zemledelie 26 no. 1:6-7 Ja '66.

GRAIN—CLEANING

Continuous line of grain cleaning and drying. Zemledelie 26 no. 1 72-71 Ja '66.

GRAIN—DISEASES AND PESTS

(see also subdivision under Armenia; Kistanay Province)

Effect of sublethal doses of chemical poisons on grain pests. A. A. Budnina, A. N. Chudinova, N. I. Anoskina. Ent. obozr., 45 no. 1:63-61 '66.

Grain borer, a dangerous grain pest. V. Ratanova, S. Zhurav. Muk.-elev. prom. 32 no. 1:15-16 Ja '66.

GRAIN—DRYING

Automatic control of the temperature of heat carriers in the SZPB-2, O grain dryer. V. Rasstrigin, M. Dzyonai. Tekh. v sel'khoz., 26 no. 3 43-45 F '66.

Continuous line of grain cleaning and drying. Zemledelie 26 no. 1 72-74 Ja '66.

GRAIN—EXHIBITIONS

Proven by experience. A. Omel'chenko. Inform. biul. VDNKh no. 1:27-28 Ap '66.

GRAIN—FERTILIZERS AND MANURES

(see also subdivision under Siberia, Eastern; White Russia)

For more stable crop yield. A. I. Shevtagin. Zemledelie 26 no. 1:33 Ja '66.

Provide all farms with a system of scientifically based agriculture. F. T. Varentan. Zemledelie 26 no. 1 35-36 Ja '66.

GRAIN—GRADING AND STANDARDIZATION

How to determine correctly the quality of grain received from collective and state farms. B. Mashkov. Zakup. sel'khoz. prod. no. 7:44-46 Ji '65.

GRAIN—MOISTURE

Use weighing bottles of equal weight in determining the moisture of grain products. M. Kvetnyi. Muk.-elev. prom., 32 no. 2:23-24 F '66.

GRAIN—STORAGE

(see also subdivision under Australia; Livny, Orel Province; Ussol'ye-Sibirskoye, Irkutsk Province)

Completion of grain-receiving stations. Zakup. sel'khoz. prod. no. 6:34-35 Je '65.

Storage of forage grain with high moisture content. M. T. Tananov. Vest. sel'khoz. nauk 11 no. 3:87-91 Mr '66.

Under the conditions of 1965. P. Merkulov. Zakup. sel'khoz. prod. no. 6:10-11 Je '65.

GRAIN—TERMINOLOGY

Improving terminology. E. Natanson. Muk.-elev. prom., 32 no. 2:27 F '66.

GRAIN—TRANSPORTATION see subdivision under Plesenty Tselnyk (Ukraine)

GRAIN BREEDING

Use of polyploidy in breeding winter grain crops. A. F. Shuyndin. Vest. sel'khoz. nauk 10 no. 7:122-129 Ji '65.

GRAIN ELEVATORS

(see also subdivision under Kazakhstan, Kotovsk District, Odessa Province)

Efficiency promotes ensured the effective operation of automatic control on elevators. L. G. Muk.-elev. prom. 32 no. 1 10-11 Ja '66.

Prepare without delay the technical equipment for receiving the grain of the new crop. V. Butim'ko. Muk.-elev. prom. 32 no. 1 3-1 Ja '66.

GRAIN ELEVATORS—MANAGEMENT

Improve economic work in grain receiving enterprises. P. Lalin. Zakup. sel'khoz. prod. no. 7:16-18 Ji '65.

GRAIN HANDLING

(see also subdivision under Irkutsk Province)

Characteristics of feeding high-speed auger grain loaders. V. G. Ivanov. Nauch. tudy SibVIM no. 2:311-325 '64.

Unloading grain from cars with the aid of pneumatic units. A. Chir. Zakup. sel'khoz. prod. no. 1:56 Ja '66.

GRAIN-HANDLING MACHINERY

1966, the first year of the new five-year plan. Muk.-elev. prom. 32 no. 1 1-2 Ja '66.

GRAIN RESEARCH

Ways of increasing the yield of headed grain crops. I. Vasilenko, M. Kompanovets, A. Lebedeva. Vest. sel'khoz. nauk 11 no. 3 130-110 Mr '66.

GRAIN TRADE

(see also subdivision under Kazakhstan, Moscow Province; Orenburg)

Contribution of science to production. Muk.-elev. prom., 32 no. 2:1-2 F '66.

5th Congress of the Scientific Technological Society. Z. Urazova. Muk.-elev. prom. 32 no. 2:29-30 F '66.

Grain procurement in 1965. S. Efimov. Zakup. sel'khoz. prod. no. 7:1-3 Ji '65.

Under the conditions of 1965. P. Merkulov. Zakup. sel'khoz. prod. no. 6 9-11 Je '65.

GRAIN TRADE—FINANCE

New developments in the rights and duties of grain product enterprises and the mixed feed industry. G. Karapov. Muk.-elev. prom. 32 no. 2:10-13 F '66.

Reader's conference at a correspondence technical school. A. Shishina. Muk.-elev. prom. 32 no. 2:13 F '66.

GRAMMAR, COMPARATIVE AND GENERAL

Communicative significance of grammatical categories. A. F. Losev. Uch. zap. MGPI no. 2:4 1 f 3-31 '65.

GRAMMAR, COMPARATIVE AND GENERAL—SYNTAX

Problems of defining phrase unity. Z. V. Nevzhynina. Zhit. nauk. prats' asp. z filol. Kyiv, un. no. 10 92-97 '63.

GRANARIES—SAFETY MEASURES

Sivorchak, D. A., and V. A. Penomarev. [Safety measures at enterprises for the storing and processing of grain.] Tekhnika bezopasnosti na predpriyatiakh po khuvaniyu i pererabotke zerna. Moskva, Kolos, 1965. 351 p.

GRANARY WEEVIL

System of the reaction of biological objects to irradiation (as exemplified by granary weevils). L. B. Bychkovskaya, G. K. Oshinskaya. Zool. zhur., 45 no. 1:134-137 '66.

GRANITE see subdivision under Bryanka Valley; Kazakhstan; Volyn' Province

GRANITE—ANALYSIS

(see also subdivision under Volyn' Province)
Methods for the mineralogical testing of granitoids. V. S. Mislchenko. Geol. zhur., 25 no. 1:25-33 '65.

GRANITE—MAGNETIC PROPERTIES

Dependence of the magnetic susceptibility of granitoids on the magnetic content in them. N. B. Dortman, V. V. Litkovich. Sov. geol., 9 no. 1:129-137 Ja '66.

GRANULAR CONJUNCTIVITIS see Conjunctivitis, Granular

GRANULAR MATERIALS

Conditions for the granulation of the Salair barite concentrate. A. F. Loshkin, A. L. Sofonov. Sbor. nauch. trud. Perm. politekh. inst. no. 10:161-168 '61.

Roasting of granulated and moistened vanadium-containing charges in an enlarged laboratory furnace. S. A. Amilova and others. Sbor. nauch. trud. Perm. politekh. inst. no. 10 111-119 '61.

GRANULOMA BENIGNUM

Diagnosis of Reiter-Bock-Schaumann disease. A. R. Shevchenko. Probl. tub. no. 5 56-61 '66.

GRAPE BREEDING

Electric stratification of grape cuttings L. V. Kolesnik, G. M. Fedorishchenko, N. E. Fedorenko. Elek. obr. mat. no. 174-77 '65

GRAPE JUICE

Operating efficiency of screw presses in the processing of grapes A. V. Ivanenko. Kons. i ov. prom. 21 no. 3 12-13 Mb '66

Use of gas chromatography in determining alcohol content in grape juice B. V. Lipis and others. Kons. i ov. prom. 21 no. 4 29-30 Ap '65

GRAPES—DISEASES AND PESTS see subdivision under Maritime Territory, Moldavia

GRAPES—VARIETIES

Rapid determination of grape varieties. P. M. Kiskin. Vest. sel'khoz. nauki 10 no. 7 132-133 JI '65

Testing the effect of the complex of pectinolytic enzyme preparations on different grape varieties V. I. Smirnov, F. I. Shikhanter, V. P. Chubova. Ispol' mikroorg. v. nai. khoz. no. 2 33-38 '65

Yalla, Vsesoyuznyi nauchno-issledovatel'skiy institut vinodeliya i vinogradarstva "Magarach," [Ampelography of the U. S. S. R., rare grape varieties] Ampelografiya SSSR, materialy prostranstvennoy sorbi vinograda. Red. kollegiya, Oly. red. A. M. Negrui. Chleny red. kollegii P. P. Blagodarov i dr. Moskva, Plashchevaia promyshlennosti.

Vol. 2 1965. 571 p (DNAL)

GRAPH THEORY

Concerning the number of trees in a graph. Part 2. A. K. Kel'mans. Avtom. i telet. no. 2 56-65 '66

Some applications of the contraction operation to well connected graphs. M. K. Goldberg. Usp. mat. nauk 20 no. 5 203-205 S-O '65

Some new evaluations in the theory of finite automata. V. S. Ginzberg. Dokl. AN SSSR 166 no. 5 1086-1088 I '66

Transport problems with respect to time for dipole networks. V. A. Evstigneev. Disk. anal. no. 2 12-22 '64

GRAPHIOPHORUM see subdivision under Archangel Province

GRAPHIC METHODS

Methods of using net graphics for the operative planning and organization of geological prospecting. F. N. Roginskii, V. E. Gubrenko, A. S. Laptev. Razved. i okh. nedr. 32 no. 1 10-16 Ja '66

GRAPHITE

Kinetics of anodic oxidation of graphite. L. I. Krivitskii, K. A. Rotenberg. Elektrokhimia 2 no. 3 351-353 M '66

Studying the structure of low-temperature pyrolytic graphite A. V. Kuzdumov, A. N. Piliavskii, G. G. Guesin. Porosh. met. 6 no. 2 87-91 F '66

GRAPHITE ELECTRODES see Electrodes, Graphite

GRASICHENKOV, NIKOLAI IVANOVICH, 1898-

Awarding the I. M. Sechenov Prize. Vest. AN SSSR 36 no. 1 162 Ja '66

GRASSES

(see also subdivision under Soviet Central Asia)

Effect of vegetation on the vertical migration of cobalt in soil. N. V. Kulikov. Trudy Inst. biol. UFAN SSSR no. 45 97-106 '65

Some adaptations to anemophily in Gramineae A. N. Ponomarev. Bot. zhur. 51 no. 1 28-39 Ja '66

GRASSES—FERTILIZERS AND MANURES

Effect of mineral fertilizers on the yield and the composition of the protein of grasses. P. I. Romashov, N. M. Akhlanova. Vest. sel'khoz. nauki 10 no. 7 67-72 JI '65

Supplementary fertilizers for meadows N. Domyshv. Zemledelie 28 no. 1 53 Ja '66

Use of anhydrous ammonia in meadows. T. A. Rabotnov. Agrokhimia no. 3 151-154 Mr '66

GRASSES—IRRIGATION see subdivision under Kazakhstan

GRAVEL see subdivision under Soviet Central Asia

GRAVEL—TESTING

Proper evaluation of the quality of gravel. G. N. Sudilovskii. Avi. dor. 29 no. 3 12 Mr '66

GRAVES' DISEASE

Some problems concerning surgery for Basedow's goiter. N. A. Teikov. Klin. khir. no. 4 14-19 '65

GRAVITATION

Equations of motion of singularities. S. V. Peletminskiy, E. H. Petrov, O. O. Iatsenko. Ukr. fiz. zhur. 11 no. 2 124-132 F '68

Gravitation and finite renormalizations in quantum electrodynamics. I. B. Kharplevich. Izv. fiz. 3 no. 3 575-581 Mr '68

Integration of equations describing the perturbed motion of a material point in a central field of force V. P. Marchenko. Dop. AN URSS no. 1 46-51 '66

Possible gravitational effect in the mass problem of elementary particles. P. I. Fomin. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 4 190-191 F '66

The problem of three-particle scattering in quantum mechanics. R. V. Votrinskii. Izv. fiz. 3 no. 3 569-574 Mr '68

Relativistic collapse followed by antiparticle, and the kinematics of a charged sphere. I. D. Novikov. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 5 223-227 Mr '68

GRAVITY—MEASUREMENT

Joint effect of horizontal and vertical accelerations on the readings of a strongly damped gravimeter. V. A. Kurvanov, M. G. Kogan, E. I. Magnitskaia. Izv. AN SSSR. Fiz. zem. no. 3 63-73 '6h

Method of barometric leveling in gravimetric mapping with an isobornormal section in steps of 0.5 and 1.0 m. L. N. Kulakov. Razved. geofiz. no. 7 107-117 '65

Practical use of formulas in solving the inverse gravimetric problem in the case of simple bodies. O. A. Shvank. Razved. geofiz. no. 7 36-38 '65

Theory of gravity measurements on board an aircraft by means of three orthogonal string transducers. Part 2. R. A. Tarakanov. Izv. AN SSSR. Fiz. zem. no. 10 72-82 '63

Theory of the torsion balance on a movable basis. V. S. Simakov. Izv. AN Tarakanov. Izv. AN SSSR. Fiz. zem. no. 3 91-96 '66

GRAVITY ANOMALIES

(see also subdivision under Carpathian Mountains)

Determining the vertical gradient of terrestrial acceleration of the real earth. I. F. Monin. Dop. AN URSS no. 1 76-79 '66

Integration of horizontal gravity gradients by the analytic method. A. A. Lulimov, V. I. Pavlovskii. Razved. geofiz. no. 7 33-35 '65

Interpretation of gravity anomalies in mines A. A. Lun'kov. Geofiz. sbor. no. 3 99-106 '65

Use of dot charts in interpreting step type gravity anomalies. N. G. Bouliand. Razved. geofiz. no. 7 25-28 '65

GRAVITY PROSPECTING

(see also subdivision under Krivoy Rog Basin)

Considering the effect of horizontal workings (dip correction) on the change in V_{xy} A. A. Lun'kov. Geofiz. sbor. no. 3 111-120 '63

Evaluating the accuracy of various methods of calculating the effect of relief in surveying with a gravity gradiometer. A. M. Zolotov, A. A. Lulimov, V. I. Pavlovskii. Razved. i okh. nedr. 32 no. 1 54-56 Ja '66

Interpretation of the spatial distribution of gravity field. N. I. Baklanov. Geofiz. sbor. no. 3 121-132 '65

GRAY MULLET see subdivision under Black Sea

GREAT BRITAIN—AIRPLANES—TURBOJET ENGINES

Use of aviation gas turbine engines in industry in Great Britain and the United States. S. N. Uvaiov. Prom. energ. 20 no. 4 43-45 Ap '66

GREAT BRITAIN—ARMY—APPROPRIATIONS AND EXPENDITURES

"Expensive charade". N. Khomutov. Mezhdunar. zhizn' 13 no. 4 116-117 '65

GREAT BRITAIN—BOILERS

Modern large boilers for block electric stations; Great Britain. F. P. IAnutsevich. Energ. stroi. no. 44 74-80 '64

GREAT BRITAIN—COMMERCE

Some problems of the foreign trade of England. R. Solodkin. Vnesh. torg. 46 no. 3 26-30 '66

GREAT BRITAIN—CONSERVATIVE PARTY

Interests of British Conservatives in Southern Rhodesia. Mir. ekon. i mezhdunar. otn. no. 4 139-140 '66

GREAT BRITAIN—ECONOMIC CONDITIONS

"Gnomes" and Mr. Jones. E. Makarov. Agitator 33 no. 6 57-58 Mr '66

GREAT BRITAIN—ECONOMIC POLICY

Achilles' heel of the Laborites' plan. K. Balygin. Mir. ekon. i mezhdunar. otn. no. 3 111-112 '66

GREAT BRITAIN—ECONOMIC RESEARCH

Organization of economic research in Great Britain. V. Semenov. Mir. ekon. i mezhdunar. otn. no. 3 138-142 '66

GREAT BRITAIN—EDUCATION

British schools at the crossroads. A. Borisoglebskii. Nar. obr. no. 4 107-108 Ap '66

GREAT BRITAIN—ELECTIONS

Correspondence from London. I. Sedin. Nov. vrem. 23 no. 13 11-15 M '66

Mandate has been renewed. I. Sedin. Nov. vrem. 23 no. 15 7-9 Ap '66

GREAT BRITAIN—ELECTRIC POWER PLANTS

Modern large boilers for block electric stations; Great Britain. F. P. IAnutsevich. Energ. stroi. no. 4 71-80 '64

GREAT BRITAIN—FOOTBALL

Struggling forward, a footballer. V. I. Zhukov. Nov. vrem. 23 no. 13 32 Mr '66

GREAT BRITAIN—FOREIGN RELATIONS

England and the Four Power Peace Pact of 1933. I. O. Vilunas. Vest. LGU 21 no. 2 42-53 '66

History of the struggle against the reactionary foreign policy in England, 1955-1964. I. I. Zhigalov. Nov. i noveishi. ist. no. 2 17-30 '66

GREAT BRITAIN—FUEL PUMPS

Small-size fuel pump of Simms make M. A. Pozharov. Trakt i sel'khoz. mash. no. 3 46-47 M '66

GREAT BRITAIN—KAZAKH STUDIES

Against the distortion of some problems in the history of the Communist Party of Kazakhstan by the bourgeois ideologists of the West. E. P. Chibrikov. Vop. int. KP Kazakh. no. 2 223-240 '64

GREAT BRITAIN—LABOR PARTY

Achilles' heel of the Laborites' plan. K. Balygin. Mir. ekon. i mezhdunar. otn. no. 3 111-112 '66

GREAT BRITAIN—LAW REFORM

Contemplated reforms of English law. I. G. Matveev. Sov. gos. i pravo 16 no. 4 125-128 Ap '66

GREAT BRITAIN—LIBRARY CATALOGS

New editions of the printed catalogs of the British Museum and the National Library in Paris. V. A. Ambarzumian. Bibliotekoved. i bibli. za rub. no. 17 61-69 '65

GREAT BRITAIN—NUCLEAR ENGINEERING

Gamma-irradiation units in Great Britain. R. A. Sraepnians. Atom. energ. 20 no. 1 61-64 Ja '66

GREAT BRITAIN—RUSSIAN STUDIES

Present-day American and English historiography of the industrialization of the U. S. S. R. I. N. Olegina. Vop. int. 41 no. 3 63-69 Mr '66

GREAT BRITAIN—STEEL INDUSTRY

What will happen to English steel industry? A. I. Ilyan. Voen. prof. dvizh. no. 2 16-18 M '66

GREAT BRITAIN—UNDERWATER PIPELINES

Underwater aluminum pipelines. Stroi. truboprov. 10 no. 5 37 My '66

GREECE—POLITICS AND GOVERNMENT

Greece: New aggravalion, Aristos Gekos. Nov. vrem. 23 no. 17 19-20 Ap '66

GREECE—STONE AGE

The Neolithic period in Greece. V. S. Titov. Mat. i issl. po arkheol. SSSR no. 130 72-76 '65

GREEK ARMS AND ARMOR see Arms and armor, Greek

GREEK LANGUAGE—SYNTAX

Principles of the complex sentence in classical Greek. A. F. Losev. Uch. zap. MGPI no. 23 138-130 '65

GREEK MYTHOLOGY see Mythology, Greek

GREEN MANURING see subdivision under Alma-Ata Province

GREENHOUSE MANAGEMENT

Mechanization of applying supplementary fertilizers to vegetables in greenhouses. M. Vorob'ev, F. Sazhin. Tekh. v sel'khoz. 20 no. 2 8-11 F '66

GREENHOUSES see subdivision under Austria

GREENHOUSES—HEATING AND VENTILATION

Controlling the environment in air heated greenhouses. V. Fomichev, V. Bykov. Tekh. v sel'khoz. 28 no. 2 12-15 F '66

GREENLAND SEA—HYDROLOGY

Hydrologic conditions in the Norwegian and Greenland Seas in 1964. L. R. Abrametko, V. V. Penin, B. V. Istoshin. Mat. lybkhokh. Issl. Sov. bas. no. 5 66-74 '65

GREEN'S FUNCTIONS

Asymptotic behavior of Green's functions at $t \rightarrow \infty$ for equations compact according to Potovskii. B. A. Iskenderov, M. V. Fedoruk. Vest. Mosk. un. Ser. 1: Mat., mekh. 21 no. 2 34-39 Mr-Ap '66

GREEN'S FUNCTIONS (Continued)

A nonideal Bose gas at nonzero temperatures. V. I. Klyatskin. *Izv. vuz. ucheb. fiz.* 9 no. 1 163-170 '66.

Study on Green's functions. I. U. P. Krasovskii. *Usp. mat. nauk* 20 no. 5-267-268 S-O '65.

GRIGNARD REAGENTS

α -Methyltetrahydrofuran boronide in Grignard's synthesis. N. I. Shul'tin, G. K. Vasilevskaya. *Dokl. AN SSSR* 167 no. 1 119-120 Mi '66.

Structure of polyacetylene. Report No. 1. Interaction of acetylene polymers with glycols and Grignard reagent. M. F. Kostakovskii, V. I. Belinov, L. T. Ivanova. *Izv. SO AN SSSR no. 11, Ser. Khim. nauk* no. 3 110-114 '61.

GRINDING AND POLISHING

Checking discontinued surfaces machined on cylindrical grinding machines. V. G. Chibrikov, M. I. Lit'ingof. *Mashinostroitel'* no. 3 25-28 Mr '65.

Contact area in burnishing external cylindrical surfaces with a ball or roller. D. D. Papishev. *Izv. vuz. ucheb. zav., mashinost.* no. 1 45-48 '66.

Determining technical and economic efficiency of diamond grinding and lapping of hard-alloy cutting tools. R. A. Ginkhorg. *Stan. i instr.* 37 no. 3 33-35 Mi '66.

Diamond grinding of hardened alloyed steels. R. V. Simonov, A. V. Filippov. *Stan. i instr.* 37 no. 3 19-21 Mi '66.

Diamond grinding of shaped hard-alloy broaches. N. F. Pronkin. *Stan. i instr.* 37 no. 3 28-29 Mr '66.

Diamond machining of cutting tools. A. D. Ivanov, S. D. Shevchenko. *Stan. i instr.* 37 no. 3 38-39 Mi '66.

Diamond machining of cutting tools made of tool steel. V. A. Dmitriev, L. N. Zhelenevnikov. *Stan. i instr.* 37 no. 3 21-22 Mr '66.

Diamond machining of nonmetallic materials. V. A. Fedotov. *Stan. i instr.* 37 no. 3 15-19 Mi '66.

Eliminating excessive fluting of cylindrical journals with splined grooves. N. I. Kharchevnikov. *Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 10 no. 1 35-37 Ja '66.

Improving grinding and lapping operations. I. M. Brozgov. *Trudy VNIPP* no. 3 88-96 '61.

Investigating the process of finishing the internal surface of electrically welded pipes in the welding area with a vibrating striker. V. M. Savitschenko. *Izv. vuz. ucheb. zav., mashinost.* no. 12 106-111 '65.

Machining cast-iron parts with synthetic diamond wheels. E. A. Shitova, V. V. Gorshkov. *Stan. i instr.* 37 no. 3 40-41 Mr '66.

Machining parts with diamond tools. M. M. Ioffe. *Stan. i instr.* 37 no. 3 11-15 Mr '66.

Phenomena occurring in the surface layer during grinding. V. A. Sipilov and others. *Vest. mashinost.* 46 no. 3 69-72 Mr '66.

Selecting conditions for diamond grinding by temperature criterion. N. S. Degtiarenko, A. S. Kamonkovich. *Stan. i instr.* 37 no. 3 25-28 Mi '66.

GRINDING AND POLISHING—EQUIPMENT AND SUPPLIES

Lap for finishing hard-alloy die inserts. V. K. Lobodev. *Mashinostroitel'* no. 3 20 Mr '66.

Straightening grinding-machine laps. N. S. Annan'ov. *Mashinostroitel'* no. 3 20 Mr '66.

GRINDING MACHINES

Automatic readjustment of automatic centerless grinding machines. G. M. Godovitch, B. I. Cherpakov. *Stan. i instr.* 37 no. 2 7-8 F '66.

Introducing a machine tool for polishing blades of grinding machines. E. V. Litov, M. S. Mirkin, E. S. Matyshev. *Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 10 no. 1 34-36 Ja '66.

Introducing a special machine for grinding guide beds of machine tools. N. I. Kunkin. *Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 10 no. 1 33-34 Ja '66.

Universal small grinding machine. B. M. Malkin. *Stan. i instr.* 37 no. 2 36-38 F '66.

GRINDING MACHINES—ATTACHMENTS

Attachment for grinding an oval profile. V. V. Neklepaev. *Mashinostroitel'* no. 3 24 Mr '66.

GRINDING MACHINES—PARTS

Effect of hardness on the wear resistance of cast-iron body parts of grinding machines. V. P. Mitrovich, M. K. Fomitcheva. *Stan. i instr.* 37 no. 2 29-32 F '66.

GRINDING WHEELS

Highly porous wheels for grinding papermaking machinery rolls. N. M. Ukraintsev, L. N. Filimonov, G. L. Gorfunkel. *Bum. prom.* no. 3 15 Mr '66.

Precision in straightening a grinding wheel by means of a pantograph. A. A. Khilus. *Vest. mashinost.* 46 no. 3 73-74 Mr '66.

Straightening abrasive wheels with diamond rollers. V. V. Avakian. *Stan. i instr.* 37 no. 3 31-33 Mr '66.

Using diamond wheels based on organic bonding. S. A. Popov, G. A. Storzhak, N. P. Malcovskii. *Stan. i instr.* 37 no. 3 7-11 Mi '66.

GRISEIN

Effectiveness of feeding piglets with vitamin B₁₂ and folic acid. P. P. Berezhnina and others. *Izvest. mikrobiol. v. nat. fiz.* no. 2 39-44 '65.

GRISEOFULVIN

Griseofulvin treatment in trichomycosis. M. M. Levin. *Sov. med.* 29 no. 2 132-133 F '65.

GRISHA, VIKTOR NIKOLAEVICH

Navigator of the air ocean. V. A. Kurtschkin. *Mov. shol.* 49 no. 3 52-54 Mr '66.

GRISTLE see Cartilage

GRIZODUBOVA, VALENTINA STEPANOVNA

A woman commands a regiment. A. Verkhovin. *Kryl.* 10. 17 no. 3 7-9 Mi '66.

GROCERY TRADE

Sale of perishable foodstuffs. A. Chemezis. *Sov. potrb. koop.* 10 no. 3 49-58 Mi '66.

GROCERY TRADE—MANAGEMENT see subdivision under Lvov Province

GROUND ANCHORS see Guy anchors

GROUND-EFFECT MACHINES

Development of hovering craft abroad. G. P. Lisov. *Sudostroenie* 56 no. 1 10-21 Ja '66.

New passenger motor ships operating on an air cushion. A. Bogdanov. *Rech. transp.* 23 no. 6 44-46 Je '64.

Racing air-cushion vessels. G. G. Filichenko. *Sudostroyeniye* 56 no. 2 72-75 F '66.

GROUND SQUIRRELS, FOSSIL see subdivision under Transbaikalia

GROUND TEMPERATURE see Earth temperature

GROUNDSEL

Morphological and anatomical characteristics of the rhizomes of commercial groundsel species. D. A. Murav'eva. *Apt. delo* 15 no. 1 41-47 Ja-F '66.

GROUPS, THEORY OF

Anticenters of interlacing groups. K. Seksenbaev. *Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk* 4 no. 1 20-24 Ja-Mr '66.

Auerbach's problem. V. P. Malonov, A. E. Zolotarev. *Dokl. AN BSSR* 10 no. 1 15-16 Ja '66.

A characteristic subgroup. R. V. Aslanli. *Soob. AN Gruz. SSR* 41 no. 1 3-10 Ja '66.

A class of discrete Lohachevskii space groups having an infinite fundamental region of finite measure. V. S. Makarov. *Dokl. AN SSSR* 167 no. 1 30-33 Mr '66.

Example of a ring group of the eighth order. G. I. Kats. V. G. Pallutkin. *Usp. mat. nauk* 20 no. 5 268-269 S-O '65.

Existence and conjugateness of Hall subgroups and Hall bases for certain classes of finite groups. I. B. Raskina. *Sib. mat. zhur.* 7 no. 1 150-160 Ja-F '66.

Existence of nonnilpotent soluble subgroups of a finite insoluble group. I. A. G. Borkovitch. *Sib. mat. zhur.* 7 no. 1 205-211 Ja-F '66.

A generalized Hallini subgroup of a finite group. L. A. Pollak. *Sib. mat. zhur.* 7 no. 1 227-230 Ja-F '66.

Homogeneous bundle connections. E. G. Lumsdaine. *Mat. sbor.* 69 no. 3 434-460 Mr '66.

Integral representations of finite nilpotent groups. S. D. Borman, A. I. Likhman. *Usp. mat. nauk* 20 no. 5 466-488 S-O '66.

Irreducible complex representations of a group of triangular matrices over a finite prime field. S. S. Pollak. *Dop. AN URSSR* no. 1 13-16 '66.

Maximal soluble GL(2, Z) subgroups. V. I. Matukhin. *Vest. AN BSSR, Ser. fiz.-mat. nav.* no. 1 53-59 '66.

On n-ary quasi-groups and loops. V. D. Belousov, M. D. Sandik. *Sib. mat. zhur.* 7 no. 1 31-54 Ja-F '66.

Positive harmonic functions on nilpotent groups. G. A. Margulis. *Dokl. AN SSSR* 166 no. 5 1054-1057 F '66.

Primitive soluble subgroups of an infinite symmetric group. D. A. Suprunenko. *Vest. AN BSSR, Ser. fiz.-mat. nav.* no. 1 46-49 '66.

Representations of finite groups over an arbitrary field and in rings of integers. S. D. Borman. *Izv. AN SSSR, Ser. mat.* 30 no. 1 109-122 '66.

Study of the electron energy spectrum in crystals. N. V. Kudryavtsova, V. A. Chaldyshev. *Izv. vuz. ucheb. zav., fiz.* 9 no. 1 93-100 '66.

GROUTING

Altunov, I. T. [Problems of rock grouting.] *Voprosy ismenitatsii gornyykh porod, Frunze, Kirgizskoe gos. izd-vo*, 1962, 95 p.

[MICROFILM]

Irregular process of grouting soils. I. I. Vakhrameev. *Izv. vuz. ucheb. zav.; gor. zhur.* 5 no. 11 26-32 '62.

Sealing of joints in hydraulic structures with rigid concrete mix by using a pneumatic grouter. I. U. G. Kushniruk. *Engng. strol.* no. 41 45-48 '64.

GROUTING—COLD WEATHER CONDITIONS

Use of quick-setting plugging solutions at subfreezing temperatures of the environment. V. N. Lavchuk. *Shkhit. strol.* 10 no. 2 12-13 F '66.

GROWTH (PLANTS)

Fertilizers and the growth of tree species under irrigation. D. M. Gruzdev. *Vest. sel'khoz. nauk* 10 no. 6 91-96 Je '65.

Interrelationship between the actual development of the annual tree ring and the developmental phases of leaves. A. S. Samstov. *Dokl. AN BSSR* 10 no. 1 12-45 Ja '66.

GROWTH INHIBITING SUBSTANCES

Growth inhibition of the fungus *Phytophthora infestans* De Bary by the treatment of sporangia (conidia) with the concentrated solutions of phosphate or sodium fluoride. A. M. Malkov, F. M. Mishchuk, E. P. Markhel'. *Pilki, biokhim. i mikrobiol.* 2 no. 1 83-86 Ja-F '66.

GROWTH PROMOTING SUBSTANCES

Effect of an ultrahigh-frequency electric field, a growth promoting substance of petroleum origin and indole-acetic acid on the rooting of the green cuttings of common lilac (*Syringa vulgaris* L.). E. E. Syrovatko. *Izv. vuz. ucheb. zav., les. zhur.* 8 no. 6 20-21 '65.

Effect of growth promoting substances on some microorganisms. S. N. Litvinenko. *Mikrobiologiya* 35 no. 1 51-55 Ja-F '66.

Effect of physiologically active substances on the germination of weed seeds. I. P. Kozakova. *Nauch. izudy SibVIM* no. 3 229-247 '64.

Effect of some factors on seed germination. I. U. Petrenko. *Spor. nauch. rab. Volg. gos. ped. inst.* no. 1 35-43 '64.

Effectiveness of biological stimulants in cattle breeding. B. M. Kunyashbekov. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 4 no. 1 70-81 Ja-F '66.

Use of growth stimulants for accelerated growing of microbial cultures working with antibiotics. S. N. Litvinenko. *Lab. delo* no. 3 178-180 '66.

GROZNYI—CRACKING PROCESS

Grozny cracking plant workers on duty. G. Eshov. *Neftnik* 11 no. 2 4-5 F '66.

GROZNYI—LABOR SERVICE

The first communist subbotniks in the city of Grozny. V. I. Buriak. *Ist. SSSR* 10 no. 1 104-110 Ja-F '66.

GROZNYI DISTRICT—STOCK AND STOCKBREEDING

The "secret" of the state farm success. Kh. Makhitov. *Zakup. sel'khoz. prod.* no. 6 48-10 Je '65.

GROZNYI REGION—CRANES, DERRICKS, ETC.

Use of network graphs in the construction of derricks. F. Smellanskii, N. Kiyachenko. *Neftnik* 11 no. 2 24-27 F '66.

GROZNYI REGION—DRILLING MUDDS

Preparation of drilling fluids in drilling enterprises of the "Grozneft" Trust. N. Khlobodarov. *Neftnik* 11 no. 2 31 F '66.

GROZNOVA GAS FIELD—GAS, NATURAL—GEOLOGY

Some features of the geological structure and possible ways of the formation of the Groznovka gas field. P. V. Antsupov and others. *Geol. nefi i gaz* 9 no. 3 15-18 Mr '65.

GUANIDINE

Guanidine hydrochloride method of the transformation of water and orthophosphate oxygen to carbon dioxide for mass spectrum analysis for ¹³C content. L. A. Litvin. *Vest. LGU* 21 no. 3 85-91 '66.

Synthesis of some omnes, amidoximes and guanidine derivatives. A. A. Arolov, S. P. Kochartan. *Izv. AN Arm. SSR, Khim. nauki* 17 no. 5 543-518 '64.

GUANIDINE—PHYSIOLOGICAL EFFECT

Effect of tetramethylthiuramdisulfide (thiuram) and diphenylguanidine on bile secretion of the liver. I. U. A. Burov. *Farm. i toka* 27 no. 8 714-716 N-D '64.

GUDZII, NIKOLAI KALLINIKOVICH, 1887-1965

Nikolai Kallinikovich Gudzi; an obituary. V. V. Vinogradov. *Izv. AN SSSR, Ser. lit. i iz.* 25 no. 1 77-79 Ja-F '66.

GUIANA, BRITISH see British Guiana

GUIDED MISSILES—GUIDANCE SYSTEMS

Lobadev, A. A., and V. A. Karabanov. [Dynamics of control systems of pilotless aircraft.] *Dinamika sistem upravleniya bespilotnyimi letatel'nymi apparatami*. Pod red. A. A. Lobadeva. Moskva, Mashinostroyeniye, 1965, 528 p.

GUINEA—SOIL FUNGI

Microflora of the tropical soils of Guinea and its biological properties. T. G. Mikhlin, T. I. Belina. Mikrobiologiya 34 no 6 10.9-10.55 N-D '65

GUINEA, PORTUGUESE—POLITICS AND GOVERNMENT

In a fire ring. L. Korneev. Dokl. Akad. Nauk, 23 no 14 31-32 Ap '66

GULIA, DMITRII IOSIFOVICH, 1873 or 1-1860

Gulia, G.D. [Dmitrii Gulia, a tale about my father]

Dmitrii Gulia, povest' o moem otse. [Izd. 2, dup. 1. Izd. 1. Moskva, Molodkita gvardia, 1955. 254 p. (Zhizn' zamchatai'nykh liudei. Seriya biografiya, no 27(352))]

Tatarsk. Shchedchenko and Dmitrii Gulia. Izv. Khim. Ishchenko. Rad. lit. 10 no 2 58-62 F '66

GULLAEV, FEDOR STEPANOVICH, d.1920

Sov. let. Susanin I. Koshchik. Sov. voen. 48 no 7 24-25 Ap '66

GULLS see subdivision under Okhotsk, Sea of

GUMS AND RESINS

Colloidal dissolution of colophony. V. A. Volkov, I. U. A. Mel'tser, S. L. Talmud. Trudy LTITSBP no 10 199-203 '65

Effect of various factors on colophony solubilization in the aqueous solutions of ionogenic emulsifiers. V. A. Volkov, S. L. Talmud. Trudy LTITSBP no 10 189-198 '65

Experiments in processing pyrolytic resins. N. P. Smirnov and others. Nefteprom. 2 no 34-36 '66

Polymerized colophony for paper sizing. S. A. Puzyrev, A. V. Sedov. Dum. prom. no 3 11-12 Mr '66

GUNITE

Guniting of vertical mine shafts. E. T. Andreev and others. Shakht. stroit. 10 no 2 17-18 F '66

Industrial testing of lightweight lining of vertical workings. G. I. Kravchenko and others. Shakht. stroit. 10 no 2 4-7 F '66

GUNPOWDER

Ignition of gunpowder by a shockwave. E. E. Kiselev, A. D. Margolin, P. F. Pokhil. Fiz. gor. i vzryva no 1 83-84 '65

GUNSHOT WOUNDS

Fatal injury caused by the discharge of an alypical gun. E. S. Fyshstein. Sud.-med. ekspert. 9 no 1 40-42 Ja-Mr '66

GUR'YEV PROVINCE—RABIES

Natural focuses and the diagnosis of rabies in animals of Gur'yev Province. A. A. Rosliakov and others. Vest. sel'khoz. nauki [Kazakh]. 6 no 2 115-120 F '66

GUY ANCHORS

Arykin, I. G., I. A. Belin, and E. M. Nekrasov. [Mechanized sinking of screw anchors into the ground] Mekhanizirovannoe zagrublenie v grunt vintovykh iakorei. Moskva, TsNITEL'esprom, 1955. 20 p. (Legoekspluatatsiya)

GYDAN RANGE see Kotyma Range

GYMNASTICS

More on athletic gymnastics. R. P. Moroz. Teor. i prak. fiz. kul't. 29 no 2 55 F '66

Specific characteristics of the neuropsychological state of gymnasts in falling from gymnastic equipment. V. V. Lianin. Teor. i prak. fiz. kul't. 29 no 2 29-31 F '66

Work and rest schedule for performing exercises on gymnastic apparatus. K. R. Tyrt. Teor. i prak. fiz. kul't. 29 no 3 18-19 Mr '66

GYMNASTICS FOR WOMEN

Development of muscular endurance and flexibility in women gymnasts. F. I. Antonova. Teor. i prak. fiz. kul't. 29 no 3 12-13 Mr '66

Using the elements of aesthetic gymnastics in working with middle-aged and elderly women. Z. D. Mironova. Teor. i prak. fiz. kul't. 29 no 3 56-59 Mi '66

GYNECOLOGY

Functional gonadal disorders in women with pyoderma and eczema. I. A. Markin. Vest. dermat. i ven. no 6 11-16 '65

GYPSUM

Conditions governing the accumulation of gypsum in continental sediments. I. V. Rubanov, V. G. Lunev, Uzb. geol. zhur. 10 no 1 40-45 '66

Gypsum as a mineralizer in the roasting of portland cement clinker. I. B. Pod'kacheva. Trudy Giprol'sement no 28 28-32 '64

Gypsum bandage on paper basis. M. A. Sarkisov. Voen. med. zhur. no 2 89-90 F '66

Gypsum-lime materials for study models. A. P. Merkin, G. M. Kaganov. Gidr. stroit. 36 no 2 51-52 F '66

GYPSUM PRODUCTS

New reserves for plants manufacturing rolled gypsum panels. S. S. Pechuro. Stroit. mat. 12 no 3 5-6 Mr '66

GYROCOMPASS

Gyroscopic method for determining bearing angles. V. N. Lavrov, I. B. Zhitomirskii, I. U. S. Lukovaty, Geod. i kart. no 2 17-21 F '65

GYROSCOPE

Equations for a system of inertial navigation with a platform oriented in a geographic coordinate system. V. M. Kalynovych. Dop. AN URSR no 1 55-57 '66

Movement of an astatic gyroscope in gimbal on a movable foundation. V. I. Kilmchuk. Prikl. mekh. 2 no 2 76-80 '66

A particular case of the motion of a gyrosist. V. N. Bogayevskii. Vest. Mosk. un. Ser. I Mat., mekh. 21 no 2 86-89 Mr-Apr '66

GYROSCOPIC INSTRUMENTS

Electric drive for the charging of a locomotive with a gyroflywheel. M. V. Gokhfeld, I. M. Zolotarev, V. A. Kochmarov. Izv. vys. ucheb. zav. gor. zhur. 5 no 11 100-103 '62

HABITS AND BEHAVIOR OF ANIMALS see Animals, Habits and behavior of

HADDOCK see subdivision under Parents Sea

HAFFNIUM CARBIDES

Phase diagram of the HfC-Mo system. S. S. Ordan'yan, A. A. Krasovskaya, A. I. Augustinik. Izv. AN SSSR, Neorg. mat. 2 no 2 209-202 F '66

HAFFNIUM OXIDES

Enthalpy of the formation of hafnium metahafnate. A. S. L'vova, N. M. Fedoseev. Zhur. neorg. khim. 10 no 10: 2378-2380 O '65

HAIL see subdivision under Turkmenistan

HAIR

Relationship between the color of hair, sex, and content of trace elements in hair. D. A. Shabel'nik. Sud.-med. ekspert. 9 no 1 7-9 Ja-Mr '66

HAIR—DISEASES

Griseofulvin treatment in trichomycosis. M. M. Levin. Sov. med. 29 no 2 142-143 F '66

Treatment of trichomycosis with fuchin and griseofulvin. A. A. Akonov and others. Vest. ferm. i ven. no 6 58-70 '65

HAITI—POLITICS AND GOVERNMENT

Papa Duvalier, the possessed tyrant of Haiti. S. A. Conlon-skill. Nov. i noveish. izl. no 2 44-55 '66

HALIDES

Splitting of 1,3-dioxo-2-silacyclanes and their oligomers by means of carboxylic acid halides. M. F. Shostakovskii and others. Izv. AN SSSR, Ser. Khim. no 2 375-376 '66

Structure of MoX_3 molecules in the hybridization of orbitals of the central atom p^3-d^0 . V. M. Volkov, M. F. Diakina. Zhur. neorg. khim. 10 no 10 2382-2384 O '65

Ternary reciprocal system consisting of cadmium and lead bromides and iodides. I. I. Il'iasov. Ukr. khim. zhur. 31 no 1 12-15 '66

HALL EFFECT

Hall effect in iron-nickel films. V. D. Ky, E. F. Kurilyayna. Izv. AN SSSR, Neorg. mat. 2 no 2 255-258 F '66

HALLOYSITE

Association of pitchblende with halloysite. G. A. Tananayeva, K. E. Trolova. Dokl. AN SSSR 166 no 1 944-946 F '66

HALLUCINATIONS AND ILLUSIONS

Characteristics of the course and manifestations of some exogenous and exogenous-organic psychoses with the Kandinskii-Clerambault syndrome of psychic automatism. Report No 3. L. K. Khokhtov. Zhur. nev. i psikh. 66 no 3 433-440 '68

HALLUCINOGENIC DRUGS

Psycholomimetic agents with anticholinergic effect. V. M. Barshechikov, G. V. Stodiarov. Zhur. nev. i psikh. 66 no 3 464-468 '66

HALOGEN COMPOUNDS

Antihraquinone derivatives. Part 7: Polyhalo-substituted 1,4-diaminoantiquinone. N. S. Dokunikhin, Z. Z. Moiseeva, V. A. Maiznikova. Zhur. org. khim. 2 no 3 516-518 Mr '66

Cross-linking of rubber by polyhalide compounds of the aliphatic series. V. A. Sidnev and others. Kauch. i rez. 25 no 2 15-18 '66

Preparation of polymers with a conjugation system by reaction of calcium carbide with dibromo derivatives. I. A. M. Paushekin, I. U. A. Markov. Vysokom. soed. 8 no 2 338-342 F '66

Thermodynamic characteristics of the phase transitions of some halo-substituted organic compounds. H. P. Hristov, P. G. Maslov. Zhur. org. khim. 26 no 3 302-303 Mi '66

HALOGENATION

Cross-linking of rubbers with products of hydrohalogenation of dimethylol derivatives of phenols. I. V. Chubrikova and others. Vysokom. soed. 8 no 2 357-360 I '66

Synthesis and transformations of halo-substituted vinyl aryl ethers. Part 2: β -Dichlorovinyl aryl ethers. A. V. Kalabina, T. I. Bychkova. Zhur. org. khim. 2 no 3 452-451 Mr '66

HALOGENS

Characteristics of the penetration of fission by various halogens in the presence of effects on the nervous system. I. U. A. Petrovich. Fiziol. khim. 52 no 3 273-278 Mi '66

Halogen sediments of the U.S.S.R. and their relation to oil and gas potentials. Dokl. AN SSSR 10 no 1 32-36 Ja '66

Interaction of thallium halides with identical halogens. S. S. Batsanov, V. I. Riga. Izv. SO AN SSSR no 11 111-112 khim. nauk no 3 91-91 '64

Ionogenic addition of halogens to bis-methylene bases of nitrogen heterocycles. Part 3. A. I. Kiprianov, M. Yu. Kornilov, S. K. Mikhailik. Zhur. org. khim. 2 no 3 552-558 Mr '66

HAM

Intensified technology in the production of cured-cooked ham. L. Bushilova. Mitya iud. SSSR 77 no 1 14-16 '66

HAMILTON, ALEXANDER, 1757-1804

Alexander Hamilton and the British intelligence service. A. A. Furashko. Vop. ist. 41 no 3 210-215 Mi '66

HAMMERS

Modernization and repair of stamping hammers. G. G. Levchuk, P. M. Shkargal'd. Mashinostroitel' no 3 15-36 Mi '66

HAND—FRACTURE

Treatment of malunited fractures of metacarpal bones and finger phalanges. I. Matev. Ostrop., travmat. prot. 27 no 3 84-88 Mr '66

HAND—SURGERY

Surgical treatment of electrical contractures of the hand following deep burns. G. I. Dmitriev. Ostrop., travmat. prot. 27 no 3 35-40 Mi '66

HAND—WOUNDS AND INJURIES

Prevention of acute suppurative diseases of the hand and fingers in Krasnodar Worsted Combine. V. S. Bol'shakov, K. S. Stepanov. Sov. med. 27 no 5 86-88 Mi '64

HANOI—MACHINERY INDUSTRY WORKERS

Everybody is a fighter here. V. Zelentsov. Sov. iustitsiya 22 no 4 10-11 F '66

HANOI—THEATER

In a friendly country. V. Zakhvatov. Teatr. 26 no 1 145-147, 150 Ji '65

HAPTENS

Study of carotenogenic tryptophan metabolites as haptens. T. A. Korosteleva, E. N. Krutova, A. T. Zaynypa. Vop. onk. 12 no 2 11-18 '66

HARBORS see subdivision under Odessa

HARBORS—REGULATIONS

Some problems of international law in the operation of atomic ships. K. V. Koslovskii. Mor. flot. 26 no 2 44-45 F '66

HARD FACING

Age-hardening alloys for hard facing. M. M. Neradenko. Avtom. svar. 18 no 2 48-51 F '65

Deformations of the crankshaft of GAZ-51 engines during hard facing under flux. I. U. A. Moshenskii. Avtom. svar. 19 no 2 67-69 F '66

Selecting a wear-resistant low-carbon hard facing metal operating under conditions of dry sliding friction. V. G. Krutikhovskii, E. A. Zarum, K. G. Ryzankin. Avtom. svar. 19 no 1 19-22 Ja '66

HARD FACING—EQUIPMENT AND SUPPLIES

Results of the introduction of mechanized hard facing using internally protected powder wires. A. V. Bystryy, G. F. Rybochkin, A. K. Krasulina. Avtom. svar. 19 no 1 34 05 Ja '66

HARDBOARD

Improving the fungi resistance of particle-fiber board and wood fiber blocks. M. B. Akhremovich and others. Nauch. trudy AKKH no 31 111-116 '64

HARELIP

Titarev, V. I. [Restorative surgery in congenital harelip and cleft palate] Vostanovitel'naya khirurgiya vrozhennykh rasschechin guby i naba. Kishinev, Karla moldovenaske, 1955. 129 p. (DNLM)

HARMONIC ANALYSIS

- Algorithms for the solution of problems bearing on
harmonic and harmonization analysis. R Kh Zaitov.
Dokl AN SSSR 166 no 5 1060-1072 F '66
- Foundation of the method of kinetic equations in the theory
of generation of a second optical harmonic. I. O. Marush-
ko, V. S. Maishkevich. Uki fiz. zhur. 11 no. 2:193-197
F '66
- Method for finding the harmonic moments of perturbing
motions. V. I. Ivanov, A. A. Chudinova. Izv AN SSSR,
Fiz. i mat. no. 1:55-63 '66

HARMONIC FUNCTIONS

- Boundary value problems for a biharmonic equation. N. F.
Morozov, M. I. Udalov. Trudy LITSEBP no. 17:268-
270 '66
- Value properties of harmonic functions. M. I. Gorbai.
Dokl AN SSSR 166 no 5 1026-1027 F '66
- One form of expanding a harmonic function in a series.
A. P. Zoln. Izv. AN U. SSR, Ser. fiz.-mat. nauk 10 no. 1:
12-19 '66
- Polynomial solutions of a system of differential equations
in the states of the theory of elasticity. B. A. Bondar-
enko, Izv. AN U. SSR, Ser. fiz.-mat. nauk 10 no. 1:3-11
'66
- Positive harmonic functions on nilpotent groups. G. A.
Margulis. Dokl AN SSSR 166 no 5 1051-1057 F '66
- Using the Monte-Carlo method for calculating the fields of
Laplace's equations with dipole boundaries. P. M.
Belant, A. I. Kolesov. Trudy MINKHOP no. 58:28-33
'65

HARMONIC FUNCTIONS—BOUNDARY VALUE PROBLEMS

- First boundary value problem for a polyharmonic function
of the p -th order in a sphere. V. S. Karmazin, A. S. Bo-
lotin. Dop. AN URSS no. 1:27-32 '66

HARPIS

- Three out of six. V. Dulova. Sov. muz. 30 no. 3:73-76
M '66

HARVESTING MACHINERY

- Advantages of wide-range units. V. A. Goncharenko.
Vest. selkhoz. nauki 10 no. 6:120-125 Ja '65
- Attachment for grain harvesting combines. I. Iankov-
skii, V. Frolov. Tekhn. v selkhoz. 20 no. 3:45-46
M '66
- ShRS-1, 94 reaper with canvas conveyor. G. Butok.
Izkh. v selkhoz. 20 no. 2:16-17 F '66

HARVESTING MACHINERY—MAINTENANCE AND REPAIR

- Repairing the variable speed drive of the reel of a reaper.
I. Dmitriev. Tekhn. v selkhoz. 28 no. 2:83 F '66

HASIDISM

- Canals and Hasidism. F. S. Mainitskii. Mezhruss. filoz.
slozh. Kish. un. no. 1:147-157 '64

HAUTHORN

- New flavonoids from leaves of *Ceanothus cuneifolia*
Lindl. (fam. Rosaceae). V. S. Baituk, A. P. Prokopenko,
D. G. Kolesnikov. Khim. prirod. vesh. no. 3:225-226 '65

HAUTHORN—THERAPEUTIC USE

- Hawthorn as an antiarrhythmic agent. D. I. A. Guseinov.
Azerb. med. zhur. 13 no. 1:31-35 Ja '66

HEAD

- Deep lymphatic vessels of the superficial layer of a
horse's head and their connections with the surface
vessels. Z. A. Shakhmardanov. Trudy Mosk. vet. akad.
10 no. 2:117-120 '57
- Paths of the flow of lymph from the skin of a horse's
head and their topography. Z. A. Shakhmardanov.
Trudy Mosk. vet. akad. 10 no. 2:110-115 '57
- Topography of the lymphatic nodes of a horse's head.
Z. A. Shakhmardanov. Trudy Mosk. vet. akad. 10 no. 2:
111-116 '57

HEAD—WOUNDS AND INJURIES

- Clinical physiological characteristics of the epileptiform
syndrome in sequelae of cranio-cerebral traumas and
its significance in the expertise of capacity for work and
job placement of invalids. M. M. Topina. Trudy LIETIN
no. 18:45-52 '65
- Sequelae of cranio-cerebral traumas and prevention of
work disability in bovers. T. A. Tonian. Trudy LIETIN
no. 18:37-44 '65

HEADACHE

- Significance of electroencephalographic data in the differ-
ential diagnosis of headaches, their relation with the
problems of medical expertise of the capacity for work.
B. D. Kavayarskii, B. V. Iovlov. Trudy LIETIN no. 18:
239-252 '65

HEALTH EDUCATION

- (see also subdivision under Ivanovo Province;
Nagorno-Karabakh Autonomous Province)
- Experience in sanitary educational work in the troops of
a military district. G. B. Kharlamov, N. M. Kuznetsov.
Voenn.-med. zhur. no. 2:73-75 F '66

- HEALTH RESORTS, WATERING PLACES, ETC. see
subdivision under Altai Territory; Baikal Lake
region; Druskininkai (Lithuania); Odessa Province;
Sochi; Varna, Bulgaria

HEART

- X-ray kymographic studies of the heart in various forms
of pulmonary tuberculosis. V. I. Koldasov. Probl. tub.
no. 5:45-49 '65
- HEART—ABNORMALITIES AND DEFORMITIES
- Electrocardiographic changes in case of transposed main
vessels. L. A. Baskala, I. I. Krasnomanov. Azerb. med.
zhur. 12 no. 11:7-12 N '65
- Two-chamber heart as the cause of sudden death. M. V.
Teplovskii. Sud.-med. ekspert. 8 no. 1:16 Ja-Mi '66

HEART—BLOOD SUPPLY

- Adhesive pericarditis as a method of revascularization
of the myocardium. A. I. Drevina. Ekspert. khim. i
anest. no. 1:30-31 '65

HEART—CONGRESSES

- 11th All-Union Conference on Sports Medicine and the
1st symposium dedicated to the problem "Overstrain of
a healthy and a sick heart." V. A. Gerasimovich.
Trudy i zhurnal. 20 no. 3:74-77 M '66

HEART—DISEASES

- Acquired nonvalvular heart defects. L. A. Cherkasskii,
A. V. Popova. Sborn. nauch. rab. vichei Kar. ASSR
no. 4:175-178 '62
- Cadaveric pain syndrome in patients with coronary athero-
sclerosis complicated by inflammation of the sympathetic
trunk and its treatment. F. I. Sorokina. Sov. med. 20
no. 1:85-90 Ja '66
- Changes in the coagulation and anticoagulation system of
the blood in myocardial infarct and stenocardia under
omphine treatment. N. P. Chlova. Sov. med. 20 no. 2:
109-112 F '66
- Comparative study of the biological effects of atropin-
thin-K, corollarin-P, cymarin and periploin on the
heart in cats in lesions induced with zinc hydroxide.
S. M. Kit, Farm. i toks. 27 no. 8:688-701 N-D '61
- Content of sodium and potassium ions in the erythrocytes
and urine in patients with cardiac asthma estimated by
flame photometry. F. D. Mamaladze. Azerb. med. zhur.
43 no. 2:10-15 F '66
- Coronary insufficiency and necrosis of the myocardium
in cats caused by the introduction of potassium chloride
into the lateral ventricles of the brain. I. A. Bendikov,
V. S. Mitofanov. Biulet. eksp. biol. i med. 61 no. 1:37-40
Ja '66

- Dynamics of the myocardial tension and of the thickness
of the wall of the left cardiac ventricle in two types of
hypertension. S. N. Shenderov, G. I. Markovskaya,
F. B. Shul'tsenko. Biul. eksp. biol. i med. 61 no. 1:41-
45 Ja '66

- Etiology of severe atrioventricular block in childhood.
E. G. Tint. Sov. med. 27 no. 5:97-102 M '64

- Functional morphology of the myocardium under normal
conditions and in pathology. A. I. Strukov. Vest. AN
SSSR 21 no. 4:15-20 '63

- Histogenesis of the heart and its disorders under the
effect of harmful factors. B. N. Kiosovskii, V. A.
Lisakova. Vest. AN SSSR 21 no. 4:59-65 '66
- Myofibrils of the myocardium in dystrophy and necrobiosis.
I. O. Tsel'ius, L. A. Sosunova. Akh. pat. 28 no. 1:
44-49 '66

- Priestman, L. P. [Treatment of cardiac insufficiency]
Lechenie serdtshechno-nedostatochnosti. Izd. 2, perer.
i dop. Moskva, Meditsina, 1966. 162 p. (Biblioteka
prakticheskogo vracha)

- (DNL)
- Selection and preoperative preparation of patients for
mitral commissurotomy. O. I. Lisakova, N. P. Kozhevni-
kova, E. N. Kozlova. Sov. med. 27 no. 5:125-128 M '64

- Some biochemical indices and their significance in the
diagnosis of ischemic heart disease. S. M. Gisman,
I. I. Mamedov, V. F. Tushchikova. Azerb. med. zhur.
43 no. 2:3-10 F '66

HEART—INFARCTION

- (see also subdivision under Doku)
- Clinical variants of myocardial infarct in young persons.
A. G. Kilmenko. Sov. med. 29 no. 1:7-10 Ja '66
- Danger of intravenous administration of morphine in car-
diogenic shock in patients with a myocardial infarct.
M. M. Litashenko, I. S. Koshmanuk. Sov. med. 20 no. 1:
90-94 Ja '66

HEART—INNERVATION

- Correlation between the effect of extra- and intracardiac
nerve tracts on the heart. G. N. Kopylova, L. D. Kisele-
va, M. G. Udel'nov. Fiziol. zhur. 52 no. 1:80-85 Ja '66
- Nervous regulation of the cardiac activity in man. B. P.
Simeonitskii. Biul. eksp. biol. i med. 61 no. 1:21-24
Ja '66

HEART—MUSCLE

- Effect of camphor on the carbohydrate-phosphorus and
oxidation metabolism of the myocardium in hypoxia.
A. S. Saratkov, G. E. Bakovskaya. Farm. i toks. 27
no. 8:703-708 N-D '64
- Histochemical changes in the myocardium in acute and
progressive fatigue. R. V. Kapanaдзе. Soob. AN Gruz.
SSR 41 no. 1:207-213 Ja '68
- Regulation of metabolism in the myocardium. S. E. Severin.
Vest. AN SSSR 21 no. 4:8-9 '66

HEART—SURGERY

- Electrocardiographic study following alopasty of the car-
diac ventricles with parolone. M. N. Tumanovskii and
others. Fkspert. khim. i anest. no. 1:24-29 '65
- Remodulatory changes before and after subtotal peri-
cardectomy, chronic constitutive pericarditis. V. A.
Vasil'ev. Sov. med. 27 no. 5:93-94 M '64
- Postoperative respiratory insufficiency caused by pulmo-
nary edema during anesthesia in patients with mitral
stenosis. V. A. Iovanev, I. U. Fchov. Fkspert. khim. i
anest. no. 1:70-73 '65
- Prevention of the embolism of extracardiac vascular anasto-
moses in patients with congenital heart defects during
the postoperative period. A. N. Kaldash, M. I. Titova.
Fkspert. khim. i anest. no. 1:82-86 '65

HEART BLOCK

- Etiology of severe atrioventricular block in childhood.
E. G. Tint. Sov. med. 27 no. 5:97-102 M '64

HEARTBEAT

- Effect of the central nervous system on the cardiac activi-
ty in rabbit lungs. L. A. Pionan. Fiziol. zhur. 52
no. 1:73-78 Ja '66
- Norms of the duration of phases of the cardiac cycle and
their relation with the rhythm and some indices of the mo-
dynamics in dogs. V. S. Sal'manovich, I. L. Koshin-
skaya. Fiziol. zhur. 52 no. 1:57-65 Ja '66

HEAT—CONDUCTION

- Some axisymmetric problems in the theory of heat conduc-
tivity with mixed boundary conditions. I. U. Kur'min.
Zhur. tekhn. fiz. 36 no. 2:230-238 F '66

HEAT—CONVECTION

- Temperature conditions for heated tubes at a fluctuating
flow rate. V. V. Dolgov, O. A. Sudnitsyn. Atom. energ.
20 no. 1:70-71 Ja '66

HEAT—PHYSIOLOGICAL EFFECT

- Effect of physical overheating on the reactivity of the
system of connective tissue in its various states. A. G.
Aleksperov. Azerb. med. zhur. 43 no. 3:35-40 M '66
- Production of diplot androgenesis in avolots by the method
of the combined action of ultraviolet radiation and thermal
shock. A. L. El'darov. Dokl. AN SSSR 166 no. 4:992-995
F '66

HEAT—RADIATION AND ABSORPTION

- Angular dependence of the spectral distribution of ther-
mal outgoing radiation. K. F. Akushchik. Probl. fiz. atm.
no. 3:73-82 '65
- Approximate calculation of the warm-up of a two-layer
packet taking radiation into consideration. G. A.
Matuzok. Samoletost. i tekhn. vozd. flota no. 1:28-33
'65
- Coefficient of absorption of the grey medium. P. K. Kona-
kov. Trudy MIIT no. 224:18-27 '65
- Comparison of experimental and theoretically computed
values of the intensity of anisotropic heat radiation of
the atmosphere. K. E. Akushchik. Probl. fiz. atm.
no. 3:69-72 '65
- Contribution of the earth's surface, clouds, and different
atmospheric layers to outgoing radiation. K. E. Akush-
chik. Probl. fiz. atm. no. 3:83-95 '65
- Influence of random heterogeneities of the atmosphere on
the intensity of outgoing thermal radiation of the earth.
V. A. Baryshev. Probl. fiz. atm. no. 3:105-110 '65
- Transfer of radiant energy in the grey medium. P. K.
Konakov. Trudy MIIT no. 224:15-17 '65

HEAT—TRANSMISSION

- Analysis of transient processes and rates of temperature
changes along the height of a blast furnace. V. D.
Sukhlov, B. I. Kilaov, Izv. vuzov. zashch. zav.; zhurn. mot.
9 no. 2:41-47 '66
- Approximate method for calculating a temperature field
in a system with nonlinear boundary conditions. N. I.
Nikiton. Izv. vuzov. zashch. zav.; energ. 9 no. 3:116-121
M '66
- Changes in the average heat emission during the motion
of fluids in pipes. A. I. Ionatov. Izv. AN U. SSR
Ser. tekhn. nauk. 10 no. 1:57-60 '66
- Complex heat transfer in a cylindrical channel under condi-
tions of free convection. I. U. P. Sidorov. Trudy MIIT
no. 224:50-76 '65
- Complex heat transfer in the turbulent flow of the medium
in the inlet area of a pipe. V. S. Sidorov. Trudy MIIT
no. 224:42-50 '65
- Complex heat transfer in the turbulent flow of the radiant
medium in a pipe in the area of hydrodynamic stabiliza-
tion. I. U. L. Sherstuk. Trudy MIIT no. 224:66-65 '65
- Concerning the widespread method of the generalization
of experimental data on heat and mass transfer. N. I.
Gel'perin, V. G. Alshalein. Khim. prom. 42 no. 3:203-
213 M '66
- Corrosion of metals in conditions of heat transfer. P. I.
Zarubin, L. A. Polubinskaya, L. N. Iurlova. Zashch.
met. 2 no. 2:241-244 '66
- Effect of electric fields on heat exchange in liquids and
gases. N. F. Babol, M. K. Bologa, K. N. Semenov.
Elek. obr. met. no. 1:57-71 '65

HEAT—TRANSMISSION (Continued)

Effect of the transverse flow of a mass on the heat exchange in a turbulent flow about a plane jettable surface. P. N. Romanenko, I. P. Semenov. *Teplotnergetika* 13 no.1:80-83 Jan '66

Heat and oxygen balance of open-hearth smelting with an oxygen blow. V. P. Pogozhik and others. *Stal'* 26 no.2:120-123 Feb '66

Heat exchange between gas and the stream of particles falling from the paddles of a drum dryer. N. M. Mikhailov, L. A. Mamiukova. *Khim. i inzh. mashinost.* no.1:29-31 Jan '66

Heat exchange during the transverse flowing around by plane-parallel or axially symmetric air streams. E. I. Rosenfeld. *Izv. vys. ucheb. zav.; Chern. met.* 9 no.2:140-146 '66

Heat transfer in the down flow in boiling pipes. I. M. Fedotkin. *Khar. prom.* no.1:37-39 Jan-F '66

Heat transfer to an organic heat carrier in annular channels. N. M. Kutnetsov, V. N. Oleinik. *Izv. vys. ucheb. zav.; energ.* 0 no.3:114-118 Mar '66

Heat transmission by partitions to joints of exterior wall panels. F. Ushkov. *Zh. strol.* no.2:12-20 '66

The heating of a moving molten layer. M. A. Glinkov, V. M. Voinash, I. P. Filimonov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no.3:174-178 '66

Hydraulic resistance and convective heat transfer under conditions of the turbulent flow of incompressible media in a pipe in the area of hydrodynamic stabilization. I. U. L. Sherstuk. *Trudy MFT* no.224:51-59 '65

Intensification of heat processes in 900-t open-hearth furnaces. A. L. Piskhozhenko. *Metalurg* 11 no.3:14-16 Mar '66

Optimization according to weight of a semi-spherical radiator. B. A. Solov'ev. *Izv. AN SSSR. Energ. i transp.* no.1:135-142 Jan-F '66

Simulating the complex heat transfer in combustion chambers. V. T. Kumskov. *Trudy MFT* no.224:34-41 '65

Simulation of unsteady heat and mass transfer in blind mine workings. K. K. Herbut. *Dop. AN URSR* no.1:80-84 '66

Study of the heating of solids by convective and radiant currents. V. V. Ivanov, A. V. Furman. *Izv. AN SSSR. Energ. i transp.* no.1:131-134 Jan-F '66

Studying the effect of stirring on heat exchange during the boiling of massacutite. E. A. Neduzhko, V. D. Popov. *Sakh. prom.* 40 no.4:23-26 Apr '66

Symmetrical heating and cooling of a plate in a counter-flow. A. S. Telegin, V. P. Zavarzin. *Izv. vys. ucheb. zav.; Chern. met.* 9 no.2:127-133 '66

Taking the method of gas burning into account in the calculation of heat transfer in the furnaces of steam boilers based on the method developed by the Central Scientific Research Institute for Boilers and Turbines. L. A. Gorialnov, I. P. Utkin. *Trudy MFT* no.224:25-31 '65

Temperature conditions in the bath of open-hearth furnaces with a capacity of 220 to 440 tons with an oxygen blow. V. S. Kocho and others. *Izv. vys. ucheb. zav.; Chern. met.* 9 no.2:147-151 '66

Using a heat probe of prismatic shape to determine the cooling capacity of quenching media. D. V. Budrhi, E. L. Sukhanov, V. M. Kondratov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no.2:134-139 '66

Using electronic digital computers in testing the performance of a semi-industrial fractionating column. V. I. Hrubov, V. O. Marynchenko. *Khar. prom.* no.1:39-40 Jan-F '66

Using the zonal method to calculate the radiant heat exchange in combustion chambers. I. U. A. Surinov. *Izv. vys. ucheb. zav.; Chern. met.* 9 no.3:179-185 '66

HEAT CAPACITY

Corrections for dispersion in the Debye theory of heat capacity of solids. N. S. Akhramova. *Dokl. AN Tadzh. SSR* 9 no.1:13-17 '66

Heat capacity and heat of fusion of crystalline boron oxide. N. E. Shmidt. *Zhur. neorg. khim.* 11 no.3:441-451 Mar '66

HEAT ENGINEERING

Ravich, M. B. [Determining the efficiency of the utilization of natural gas; textbook for students of courses for the improvement of the qualifications of graduate engineers in the field of "Gas and mazut utilization." *Opređeteniye effektivnosti ispol'zovaniya prirodnogo gaza, uchebnoe posobie dlya slushatel'ov kursov usovresheniya v oblasti znaniy diplomirovannykh inzhenerov po iskluku "Ispol'zovanie gaza i mazuta".* Moskva, Mosk. in-t neft' i khim. cheski i gazovoi promyshl., 1965. 38 p.

HEAT ENGINEERING—ABSTRACTS

[Heat engineering] Ref. zhur.: *Teplotnerg.* no.3 Mar '66

HEAT EXCHANGERS

Casting finned tubes and thermoblocks. G. N. Novikov, I. G. Goncharenko, V. F. Marynenko. *Lit. protzv.* no.2:33-35 Feb '66

Dynamic characteristics of heat exchangers operating in a near critical region. A. A. Armand, V. V. Krascheninnikov. *Teplotnergetika* 13 no.1:64-70 Jan '66

Lebedev, P. D. [Heat exchangers, drying apparatus and refrigerating plants] *Teplotobmennye, suшил'nyye i kholodil'nyye ustanoiki* Moskva, Energiia, 1966. 287 p.

Obtaining an organic heat carrier, biphenyl. R. G. Ismailov and others. *Azchi. neft. zhur.* 11 no.12:34-35 Dec '65

Use of models in the study of the characteristics of a cyclone heat exchanger operating with dusty gases. N. A. Kozulin and others. *Izv. vys. ucheb. zav.; energ.* 9 no.3:57-62 Mar '66

HEAT EXCHANGERS—MODELS

Experimental adjustment of structural elements of heat exchangers on transparent models. V. M. Antuf'ev, G. A. Tordun, E. K. Gusev. *Trudy LTTISBP* no.17:158-162 '65

HEAT EXCHANGERS—TESTING

Some factors affecting the heat transmission in water-and-oil heat exchangers. N. I. Panov, A. P. Tret'akov, I. I. Kravets. *Trud. MFT* no.208:133-145 '65

HEAT OF ADDITION

Heats of addition of amines to zinc halides. A. V. Ablov, Z. P. Burnashova, TS B. Konunova. *Zhur. neorg. khim.* 10 no.10:2286-2292 Oct '65

HEAT OF ADSORPTION

Adsorption energy of ethane and ethylene on surfaces of different nature. Part 3. A. G. Bezus, A. V. Kiselev. *Zhur. fiz. khim.* 40 no.3:580-580 Mar '66

Determination of the heat of adsorption of cesium on filamentary tungsten depending on the method of heating the filaments. O. Kekhaev, G. N. Shuppe. *Izv. AN Uz. SSR. Ser. fiz.-mat. nauk* 10 no.1:65-68 '66

Gas chromatographic determination of the heats of adsorption of hydrocarbons on zeolites. A. V. Kiselev, I. U. L. Chai'nen'ova, A. L. Lashin. *Neftokhimiya* 5 no.4:589-595 May-June '65

Heat of adsorption of gases on zinc-blende type semiconductor. L. G. Maldanovskaya, I. A. Kirovskaya. *Zhur. fiz. khim.* 40 no.3:600-613 Mar '66

HEAT OF CHEMICAL REACTION see Chemical reaction, Heat of

HEAT OF CRYSTALLIZATION

Rate of growth of a crystal dispersing the latent heat of crystallization by radiation. V. V. Salomatov. *Izv. vys. ucheb. zav.; fiz.* 9 no.1:60-62 '66

HEAT OF FORMATION

Enthalpies of formation of Me_2VCl_2 and $\text{Me}_2\text{V}_2\text{Cl}_2$. I. V. Vasil'kova, I. L. Perfilov. *Zhur. neorg. khim.* 10 no.10:2296-2299 Oct '65

Enthalpy of formation of alkali metal chlorochromates. S. A. Stikukarev and others. *Zhur. neorg. khim.* 11 no.3:493-497 Mar '66

Enthalpy of the formation of barium orthogermanate Ba_2GeO_4 . R. G. Grebenshchikov, R. A. Pasechnova. *Zhur. neorg. khim.* 11 no.3:480-492 Mar '66

Enthalpy of the formation of chromium trichloride. S. A. Shchukarev and others. *Zhur. neorg. khim.* 11 no.3:452-454 Mar '66

Enthalpy of the formation of lithium methanolate. A. S. L'vova, N. N. Fedos'ev. *Zhur. neorg. khim.* 10 no.10:2378-2380 Oct '65

HEAT OF FUSION

Heat capacity and heat of fusion of crystalline boron oxide. N. E. Shmidt. *Zhur. neorg. khim.* 11 no.3:441-451 Mar '66

HEAT OF SOLUTION

Determination of the heats of solution of sodium metasilicate crystal hydrates and double salts based on sodium and potassium silicates. G. G. Babaian, G. N. Sarkisyan, Dzh. A. Gedakian. *Izv. AN Arm. SSR. Khim. nauki* 17 no.5:491-494 '64

HEAT OF SOLVATION

Chemical heat of solvation of picric acid in acclone and methyl alcohol and of sodium picrate in methyl alcohol. L. P. Zhilina, K. P. Mishchenko. *Trudy LTTISBP* no.10:154-157 '65

HEAT OF SUBLIMATION

Heats of sublimation and the effective atomic charges in some minerals. V. S. Uzunov. *Geokhimiya* no.9:163-167 S '65

HEAT OF VAPORIZATION

Selecting control system for the process of the utilization of still waste heat. A. V. Semke. *Mekh. i avtom. protzv.* 20 no.2:22-21 Feb '66

HEAT PUMPS

Heat pumps and their applications. A. F. Afanas'ev, S. M. Lukomskii. *Energetika* 14 no.3:3-4 Mar '66

HEAT GENERATORS

Use of secondary power resources at the "Severskiy" Metallurgical Works. I. P. Kovyralov, A. V. Demidovich. *Stal'* 26 no.3:283-284 Mar '66

HEAT RESISTANT ALLOYS—FRACTURE

Failure of heat-resistant alloys under the application of 80-85 cyclic heat stress. G. S. Pisarenko, N. S. Morzhikovskii. *Poresh. met.* 6 no.2:69-86 Feb '66

HEAT RESISTANT STEEL see Steel, Heat resistant

HEAT-TREATING FURNACES see Furnaces, Heat-treating

HEATING—EQUIPMENT AND SUPPLIES see subdivision under Leningrad

HEATING FROM CENTRAL STATIONS

Operation of a two-stage mixed system for the connection of heating and hot water supply lines. E. I. Sokolov, M. S. Zakalova. *Teplotnergetika* 12 no.12:73-77 Dec '65

Warm ventilation operation of a hot water supply line. V. A. Efimov. *Energetika* 14 no.3:2-23 Mar '66

HEATING FURNACES see Furnaces, Heating

HEBREW LANGUAGE—GRAMMAR

A chapter from the second part of "Al-Kāfi," an 11th-century grammatical study by Abū-l-Faradhi Kharīn al-Faradhi. M. N. Zislin. *Krat. soob. Inst. nar. Az.* no.69:123-135 '65

HEBREW MANUSCRIPTS see Manuscripts, Hebrew

HEDGE MUSTARD see subdivision under Azerbaijan

HEDGE NETTLE

Chemical analysis of the herb of the hedge nettle *Stachys betoniciflora*. T. P. Putalova, Kh. Kh. Khalimov, K. G. Ileva. *Apt. delo* 11 no.3:27-31 May-June '65

HELICOPTERS

Flying chassis. N. Kon'kov. *Av. i kosm.* no.3:41-42 Mar '66

Rotating wing aircraft. N. Kamov. *Av. i kosm.* 45 no.12:62-66 '62

HELIUM

Breakup of a helium plasma in a spherical balloon. A. I. Anisimov, V. N. Budnikov, N. I. Vinogradov. *Zhur. tekh. fiz.* 35 no.11:2028-2033 Nov '65

HELLEBORE

Quantitative determination of coumarin in roots and rootstocks of *Helleborus purpureus*. M. H. Voinobov, N. P. Dzuba. *Farmatsev. zhur.* 21 no.1:37-40 '65

NEMATITE

Formation of hematite crystals in an alkali medium. V. D. Ponomarev and others. *Izv. vys. ucheb. zav.; Izv. met.* 9 no.1:71-74 '66

HEMOCHROMATOSIS

Pathogenesis of hemochromatosis. A. M. Nevelov, V. S. Goloshevskaya. *Aikh. pat.* 28 no.1:75-77 '66

HEMOGLOBIN

Simple method of obtaining crystalline hemoglobin from rabbit, swine, and cattle erythrocytes. P. D. Dvornikova, M. F. Hulya, T. M. Pechonova. *Ukr. biokhim. zhur.* 38 no.1:100-104 '66

HEMOLYSIS AND HEMOLYSINS

Changes in the hemolytic resistance of erythrocytes and peroxidase activity of the blood in acute intoxication with some organic peroxidases. O. I. Smirnova. *Farm. i toka.* 29 no.1:96-98 Jan-F '66

HEMOLYTIC ANEMIA see subdivision under Azerbaijan

HEMOPOIESIS

Hemopoietic changes in patients with malignant tumors following radiotherapy. A. V. Kozlova, A. A. Klimentov. *Med. rad.* 11 no.3:27-35 Mar '66

HEMORRHAGE

Case of intralingual hemorrhage in hypertension. Z. F. Stepanova, I. A. Rutgalter. *Sbor. nauch. rab. vrachei Kar. ASSR* no.4:187 '62

Dehydrogenase activity of tissues in an acute blood loss and revivification. A. M. D'iakova, Z. M. Silant'ova, T. N. Protod'akonova. *Ukr. biokhim. zhur.* 38 no.1:85-88 '66

Petrov, I. R., and G. Sh. Vasadze. [Irreversible changes in shock and hemorrhage] *Neobratnyye izmeneniya pri shoke i krovopoteri.* [Leningrad] Meditsina, 1966. 197 p.

(DNLM)

HEMORRHAGE, UTERINE

Hemorrhages in menopause. V. P. Markina. *Sov. med.* 20 no.1:55-59 Jan '66

HEMORRHAGIC FEVER see subdivision under Lazovsky District, Moldavia

HEPARIN

Heparin complex compounds with thrombogenic blood proteins and their physiologic properties. B. A. Kudriashov, T. M. Kaltshevskaia, L. A. Poliakova. *Vop. med. khim.* 12 no.1:114-110 Jan-F '66

HEPATICAE see Liverworts

HEPATITIS, INFECTIOUS

- Adsorption of transaminases on the erythrocyte surface in infectious hepatitis. L. I. Goldberg. *Vop med Khim.* 12 no. 1 45-48 Ja-F '68.
- Comparative characteristics of changes in the digestive organs in epidemic hepatitis A and B. V. A. Balykina. *Trudy Kish. gos. med. inst.* 14 117-120 '61.
- Copper content in the blood serum, urine and feces of patients with epidemic hepatitis and its relation to the type of treatment. A. P. Litashova. *Sov. med.* 27 no. 5, 112-114 Mv '64.
- Course of epidemic hepatitis in patients with ascariasis. G. K. Burlak. *Trudy Kish. gos. med. inst.* 14 133-137 '61.
- Course of epidemic hepatitis in patients with enterobiasis. A. I. Natanzon, E. A. Kaufman. *Trudy Kish. gos. med. inst.* 14 145-147 '61.
- Course of epidemic of hepatitis in children in the first two years of life. E. P. Sekanina. *Trudy Kish. gos. med. inst.* 14 105-109 '61.
- Diagnostic value of determining transaminases in epidemic hepatitis. V. D. Zhil'ar', S. P. Dyvotskaya. *Trudy Kish. gos. med. inst.* 14 71-79 '61.
- Differential diagnosis of epidemic hepatitis and trichcephalitis. V. D. Zhil'ar'. *Trudy Kish. gos. med. inst.* 14 131-131 '61.
- Dynamics of the activity of serum aldolase in epidemic hepatitis A and B. V. D. Zhil'ar'. *Trudy Kish. gos. med. inst.* 14 63-69 '61.
- Enzymatic tests in compound examinations in Bolkh's disease and obstructive jaundice. I. L. Germanikh, B. N. Kolkarenko. *Sov. med.* 29 no. 2 43-47 F '66.
- Further observations in differential diagnosis of epidemic hepatitis. I. R. Dobnitskii. *Trudy Kish. gos. med. inst.* 14 27-31 '61.
- Immunoelectrophoretic study of blood serum proteins in epidemic hepatitis. E. A. Komova-Gorkina, L. K. Frolova. *Vop. med. khim.* 12 no. 1 23-28 Ja-F '66.
- Interaction between the excretory and secretory functions of the stomach in epidemic hepatitis. E. I. A. Kur'IAkovets. *Trudy Kish. gos. med. inst.* 14 111-115 '61.
- Late results of epidemic hepatitis. E. I. A. Kur'IAkovets. *Trudy Kish. gos. med. inst.* 14 81-88 '61.
- Materials on specific diagnosis of epidemic hepatitis A and B. I. G. Shroff and others. *Trudy Kish. gos. med. inst.* 14 95-99 '61.
- Rheohepatography in epidemic hepatitis. L. S. Kirzhner, N. A. Farber. *Sov. med.* 29 no. 2 47-52 F '66.
- Serum proteins in epidemic hepatitis. Report No. 2. S. M. Barais. *Trudy Kish. gos. med. inst.* 14 121-130 '61.
- Some characteristics of the course of epidemic hepatitis in elderly persons. V. I. Malkovskaya. *Trudy Kish. gos. med. inst.* 14 101-104 '61.
- Strongyloidiasis in Moldavia and its differentiation with epidemic hepatitis. G. K. Burlak. *Trudy Kish. gos. med. inst.* 14 139-144 '61.

HEPATITIS, INFECTIOUS—COMPLICATIONS AND SEQUELAE

- Liver dystrophy in epidemic hepatitis and its treatment. K. D. Dokuchaeva. *Trudy Kish. gos. med. inst.* 14 109-114 '61.

HEPTACHLOR

- Effect of almatzine and heptachlor on soil fauna and the soil content of available nutrients. T. P. Skazkina, V. I. Zharkov. *Khim. v sel'. khoz.* 4 no. 3 50-52 Mr '68.

HEPTANOIC ACID

- Catalytic copolymerization of methyl methacrylate with polyester methacrylate from α -hydroxybenzoic acid. G. T. Gergentze. *Soob. AN Gruz. SSR* 41 no. 1 61-65 Ja '68.

HERBICIDES

- Dekator, N. E. [Use of herbicides and arboricides in forest management] *Primeneniye gerbitsidov i arboritsidov v lesnom khozistvoe*. Izd. 2, dop. Moskva, Lesnaya promyshlennost', 1966. 188 p. (DNL)
- Development of *Claviceps purpurea* Tul. on a medium with herbicides. A. I. Shalagina, N. I. Osipovskii, A. N. Dan'kovskaya. *Mikrobiologiya* 36 no. 1 48-50 Ja-F '66.
- Effect of herbicides on the dynamics of nutrients and microflora in soils of an orchard. N. S. Porshneva, A. I. Lesogorova, E. T. Musychkin. *Khim. v sel'. khoz.* 4 no. 3 45-49 Mr '68.
- Effectiveness of various doses of prometryn, chlorazine, and propazine against weeds in carrot fields. M. A. Milov. *Khim. v sel'. khoz.* 4 no. 3 57-58 Mr '68.
- Results from the testing of some herbicides against weeds in corn fields of lower Imereitia. D. D. Khidzhakidze. *Soob. AN Gruz. SSR* 41 no. 1 143-150 Ja '66.
- Results of testing herbicides against common chickweed in carrot and onion fields. E. L. Nikiforova. *Khim. v sel'. khoz.* 4 no. 3 52-54 Mr '66.

HERBICIDES—TESTING

- Testing herbicides for controlling undesirable vegetation. A. I. Karagal'skii. *Trudy SKLOS* no. 6 187-198 '64.

HEREDITY

- Analysis of hereditary mechanisms determining the thermostability in *Paramecium caudatum*. D. V. Osipov. *Genetika* no. 1 119-131 Ja '66.

HERNIA

- Dispensary service for and surgical treatment of Minak industrial workers with hernia. T. E. Gnilyov, I. U. K. Tokai. *Klin. khim.* no. 1 76-78 '65.

- Rupture of the rectum with a prolapse of the loop of the small intestine through the anus. A. L. Raiz. *Khirurgiya* 42 no. 3 130-130 Mr '66.

HERONS see subdivision under Murav'yev-Amursky Peninsula

HERPES ZOSTER

- Association of herpes zoster and chickenpox in the same patient. A. N. Gai'ev, Z. M. Kozlova. *Vest. derm. i ven.* no. 6 76-77 '65.
- Treatment of herpes zoster. E. V. Malkova. *Zhurn. nevrol. i psikh.* 66 no. 3 368-370 '66.

HERRING

- (see also subdivision under Atlantic Ocean, Lofoten Islands, Norwegian Sea)
- Calculation of basic geometric parameters and weight of the Baltic herring based on its length. V. I. Khizhniakova. *Ryb. khoz.* 40 no. 8 70-73 '64.
- Effect of hydrologic conditions on the spring migration of Norwegian herring in 1964. V. V. Penin. *Mat. ryb. khoz.* 1964 Sev. bas. no. 5 75-79 '65.

HERRING—PRESERVATION see subdivision under North Sea

HERRING FISHERIES

- Electric light attracts herring. G. Filimonov. *Ryb. khoz.* 40 no. 8 51-52 '64.
- Fedolov, S. S. [Population dynamics of sea herring in relation to the problems of its efficient utilization; a review] *Dinamika chislennosti morskikh sel'dei v svyazi s problemami ikh ratsional'nogo ispol'zovaniya*, obzor. Moskva, VNIRO, 1965. 132 p.

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

- Chukovskaya, L. K. [My past and thoughts by Herten] "Byloe i dumy" Gertsena. Moskva, Khudozhestvennaya literatura, 1966. 180 p. (Massovaya istoriko-literaturnaya biblioteka)
- Sociological views of A. I. Herten. N. D. Galochkina. *Sbor. nauch. i ab. Volg. gos. ped. inst.* no. 1 133-141 '61.

HETEROCYCLIC COMPOUNDS

- Heterocyclic polyesters. Report No. 58: Kinetics of polycondensation of aromatic dicarboxylic acid chlorides with diallyldian. S. V. Vinogradova and others. *Izv. AN SSSR, Ser. khim.* no. 2 245-249 '66.
- Method of increasing the reactivity in the series of heterocyclic compounds. O. V. Vladimirovskaya. *Fizmatsech. zhur.* 20 no. 4 3-5 '65.

HETEROSIS

- Heterosis in vegetable plants. D. D. Bryzhnev. *Genetika* no. 2 69-81 '66.
- New data on the transmission of drought resistance to double corn hybrids and the effect of heterosis on this character. D. Buzan. *Genetika* no. 2 62-68 '66.

HEXADECANOL

- Effect of polar and nonpolar liquid admixtures on the retardation of evaporation by a monolayer of 1-hexadecanol. T. V. Krmolova, R. K. Pogostina. *Izv. AN Arm. SSR, Khim. nauki* 17 no. 5 587-599 '61.
- Influence of primary alcohol admixtures on the rate of water evaporation through single layers of 1-hexadecanol. T. V. Krmolova, R. K. Pogostina, N. A. Azatjan. *Koll. zhur.* 28 no. 1 63-67 Ja-F '66.

HEXAMETHYLENETETRAMINE

- Interaction of cupric chloride with uretropine in aqueous and methanol solutions. L. M. Mel'nikenko, E. A. Glunov. *Zhurn. neorg. khim.* 11 no. 3 529-530 Mr '66.

HEXANAMIDE

- Effect of inhibitors on the viscosity of polyacrylamide during its oxidation. I. I. Levantovskaya, B. M. Kovarskaya. *Plast. massy* no. 3 69-70 '66.

HEXANEDIAMINE

- Polyamide based on decanedicarboxylic acid and hexamethylenediamine. M. K. Dobrokhotova and others. *Plast. massy* no. 3 20-21 '66.

HEXANOL

- Purification of waste waters from 2-ethylhexanol production. B. A. Mitkalev, E. P. Lebedev, T. A. Novikova. *Nefteper. i neftekhim.* no. 2 39-42 '66.

HEXENE

- Kinetics of isomerization of hexenes. V. Sh. Fel'dblum and others. *Dokl. AN SSSR* 166 no. 5 1147-1150 F '66.
- Separation of hexenes and their hydrogenation to alcohols by the sulfuric acid method. I. U. G. Osokin, V. Sh. Fel'dblum. *Khim. prom.* 41 no. 1 608-608 N '65.

HEXOKINASES

- Activity of hexokinase in the tissues of rabbits with pyrogenic fever and the effect of ACTH and insulin on it. E. E. Dubinina. *Vop. med. khim.* 12 no. 1: 81-83 Ja-F '66.

HEXYL ALCOHOL

- Separation of hexenes and their hydrogenation to alcohols by the sulfuric acid method. I. U. G. Osokin, V. Sh. Fel'dblum. *Khim. prom.* 41 no. 1 608-608 N '65.

HIBERNATION

- Hibernation of the larvae of *Limnochironomus ex gr. natus* Staeg. (Diptera, Chironomidae). G. A. Sukolova. *Zool. zhur.* 45 no. 1 140 '66.

HIDES AND SKINS see subdivision under Afghanistan

HIDES AND SKINS—QUALITY CONTROL see subdivision under White Russia

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH PRESSURE RESEARCH

- Structure of shock waves in KCl and KBr under dynamic compression up to 200,000 at. A. N. Drenin, S. V. Pershin, V. F. Pogorelov. *Fiz. gor. i vzryva* no. 4 3-8 '65.

HIGH-SPEED AERONAUTICS

- Basic conditions for the optimality of a high-speed soaring flight. E. P. Vachasov. *Samoletost. i tekhn. vozd. flota* no. 1 3-9 '65.
- From an airplane to a space vehicle. A. Mikolaj. *Av. i kosm.* 44 no. 1 21-28 '62.
- Subsonic flight with a supersonic airplane. S. Mikolaj. *Av. i kosm.* 15 no. 12 41-46 '62.
- With a long-distance supersonic airplane. S. Skripnichenko. *Av. i kosm.* no. 3 77-82 Mr '66.

HIGHER EDUCATION see Education, Higher

HIGHWAY RESEARCH

- Hydrous and thermal conditions of the earth road bed in the northeastern part of the R. S. F. S. R. E. Bogatyreva. *Avt. dor.* 29 no. 3 15 Mr '66.
- Introduction into production of experimental works of the TSNI (Central Research Laboratory). E. M. Vaulin. *Avt. dor.* 29 no. 3 27-28 Mr '66.

HILBERT SPACE

- Some classes of bases of Hilbert spaces. V. A. Prigorski. *Usp. mat. nauk* 20 no. 5 231-236 S-O '65.
- Some criteria of the boundedness of solutions to differential equations in Hilbert space. I. U. Domshlak, A. Char'yev. *Izv. AN Tuzk. SSR, Ser. fiz. i tekhn. i geol. nauk* no. 6 16-24 '65.
- Some sufficient criteria of the stability of complete orthonormalized bases in $L_2[0, 1]$ relative to the averaging operation. I. A. Gordon. *Funk. i anal. i teor. funk.* no. 1 13-21 '63.
- Stability of Galerkin's method for non-stationary problems. M. A. Vellez. *Trudy Vych. tsentr. AN Azerb. SSR* 3 48-71 '65.

HILL REACTION

- Effect of halophenol acids on the Hill reaction. D. I. Chikanikov, D. F. Gerasimskii, V. I. Kostina. *Khim. v sel'. khoz.* 4 no. 3 50-62 Mr '66.

HIP JOINT—RADIOGRAPHY

- Tomography of the hip joint. R. P. Zil'berman and others. *Probl. tub.* no. 5 66-70 '65.

HIP JOINT—SURGERY

- Case of total substitution of the trochanteric fossa with a hemitransplant. O. N. Gudushauri, A. M. Mironov. *Ortop., travm. i protez.* 27 no. 3 70-73 Mr '66.
- Valgus deformities of the femoral neck and caput femoris; experimental study. L. M. Nagibin. *Ortop., travm. i protez.* 27 no. 3 20-23 Mr '66.

HIP JOINT—TUBERCULOSIS

- Tomography of the hip joint. R. P. Zil'berman and others. *Probl. tub.* no. 5 66-70 '65.

HISTAMINE

- Effect of radio waves with different frequency ranges on protein fractions and histamine in the blood. I. A. Gelfon, M. N. Sadchikova. *Trudy Lab. elektromag. pol. rad. AMN SSSR* no. 2 133-136 '64.

HISTAMINE IN THE BODY

- Effect of dechlorine wave with low intensity on the histamine content in the animal blood. I. A. Gelfon. *Trudy Lab. elektromag. pol. rad. AMN SSSR* no. 2 68-69 '64.

HISTOCHEMISTRY

- Efficient method of the differential histochemical analysis of polysaccharides. M. G. Shubich, Zh. K. Lepunova, G. M. Mogil'naya. *Arkh. anat., gistol. i embriol.* 50 no. 1: 71-74 Ja '66.
- Infrared spectrum of the absorption of water by cerebral and muscular tissues of some vertebrate animals. N. A. Verzhbitskaya, A. I. Sidorova. *Biophysika* 8 no. 3 349-355 '64.

HISTOLOGY

- Histological changes in muscular tissues during the freezing of processed natural pork products. T. D. Tsinadze. *Khol. i lekhn.* 43 no. 3 33-42 Mr '66.

HISIOLOGY—CONGRESSES

Moscow Universitet dnuhby narodov, Kafedra gisologii [Effect of some physical and biological factors on the organism, materials of a scientific conference] Villanie nekotorykh fizicheskikh i biologicheskikh faktorov na organizm, materialy nauchnoi konferentsii. Moskva, 1965 117 p.

HISTOLOGY—TECHNIQUE

Effect on purified collagenase from the nitrate of Clostridium perfringens and Clostridium histolyticum cultures on the collagen of human auricular appendage sections L. V. Beletskaya I. A. Larina, G. A. Levitskaya Arkh pat 28 no. 180-81 '66

HISTORIANS, UKRAINIAN

"Historians of the Soviet Ukraine," a bibliobibliographical dictionary, Ukr. ist zhur 10 no. 2 135 F '66

HISTORIC HOUSES, ETC.—PRESERVATION

Effect on preservation of monuments of history M. I. U. Biatshchik Ukr. ist zhur 10 no. 2 203-226 Apr '66

HISTORICAL MATERIALISM

Some characteristics of the development of socialism V. Zhukov Vop. filoz. 20 no. 3 14-24 '66

HISTORICAL MATERIALISM—CONGRESSES

Sovetskiane po sovremennym problemam materialisticheskoi dialektiki, Moscow, 1965 [Dialectics of contemporary social development, materials] Dialektika sovremennoy obshchestvennoy razvitiya, materialy Moskva, Nauka, 1966 358 p. [Soviet contemporary problems materialisticheskoi dialektiki]

HISTORICAL MUSEUMS see subdivision under

Novgorod

HISTORICAL RESEARCH

(see also subdivision under Communist countries, Kabardin-Balkar A. S. S. R., Kazakhstan, Podolia, Ukraine, United States)

All-Union Session of Historians in Odessa V. P. Novitskiy, A. I. Razumov Ist. SSSR 10 no. 2 233-235 Mar '66

The All-Union Session of Historians in Odessa, I, K., P. K., Ukr. ist zhur, 10 no. 3 145-146 Mar '66

Comparative method of historical research and the international aspects of historical studies devoted to the foundation O. S. Kompan. Ukr. ist zhur, 10 no. 1 36-46 Jan '66

Defense of doctoral dissertations. Nov. 1 novelsh. Ist. no. 2 177-179 '66

Methodological aspects of scholarly research in the field of the history of the Soviet laboring classes, O. I. Shkaratan. Vop. ist. 41 no. 4 3-15 Apr '66

Present-day coordination of scholarly research in the field of the history of the party T. Zh. Zhangel'din Vop. ist. P. Kazakh. no. 2 5-19 '64

HISTORIOGRAPHY

Ashin, G. K. [Modern bourgeois sociology; a critical study of idealistic theories about the role of the public masses and the individual personality in history] Sovetskaya burzhuaznaya sotsiologiya, kriticheskiy ocheik idealisticheskikh teorii o roli nauchnykh mass i lichnosti v istorii. Moskva, Vysshaya shkola, 1965. 203 p.

HISTORY

Akademiya nauk SSSR, Institut narodov Azii, [Catalog of the Arabic manuscripts in the Institute of Asian Peoples of the Academy of Sciences of the U.S.S.R.] Katalog arabskikh rukopisei Instituta narodov Azii Akademii nauk SSSR. Moskva, Nauka, No. 3, Mikhailova, A. I. [History] Istoriya. 1965 197 p.

Brief news. Vop. ist. 41 no. 4 201-202 Apr '66

Saratov, Universitet, [Papers by young scholars. History and philology. Issue] Trudy molodykh uchebnykh Vypusk istoriko-filologicheskikh. [Saratov] 1964. 191 p.

(CSI-1)

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CONGRESSES

Congress of historians in Vienna A. Z. Manfred, Vest. AN SSSR 35 no. 1 69-103 Jan '66

The 12th International Congress of Historians, L. V. Chernykh, Ist. SSSR 10 no. 1 23-23 Jan '66

The 12th International Congress of Historical Sciences, A. A. Guber Vop. ist. 41 no. 3 3-14 Mar '66

HISTORY—METHODOLOGY

Correlation of ideology and methodology in historical studies, A. F. Kitunov Ukr. ist zhur, 10 no. 2 3-12 F '66

The principle of party spirit in historical studies and its present-day critics, V. Pashuto, V. Salov, L. Cherepennin, Kommunist 42 no. 4 72-78 Mar '66

Subject matter and method of history as a branch of science, V. M. Lavrovskiy, Vop. ist. 41 no. 4 72-77 Apr '66

HISTORY—PERIODICALS

The "Istoriya-Marksliz" and "Voprosy istorii", chronology on the 40 years of their publication (conclusion), A. I. Zaitsev, Vop. ist. 41 no. 4 158-160 Apr '66

The "Istoriya-Marksliz" and "Voprosy istorii", chronology of the 10 years of their publication (to be concluded) V. I. Alabinskiy Vop. ist. 41 no. 3 170-176 Mar '66

HISTORY—PHILOSOPHY

Approach of P. A. Lebedev's letter to the editor, A. V. Gulyga, V. Zh. Kell. Vop. ist. 41 no. 3 200-201 Mar '66

HISTORY—SOURCES

Philately and history L. L. Lepeshinskiy, Vop. ist. 41 no. 3 205-209 Mar '66

HISTORY—STUDY AND TEACHING

(see also subdivision under Africa; Asia)

Developing an aptitude for critical thinking in school children during history lessons, S. I. Versler, Ukr. ist zhur, 10 no. 3 121-123 Mar '66

Thematic content of the knowledge of history P. S. Dyshlevyi Ukr. ist zhur, 10 no. 1 127-128 Jan '66

The use of political cartoons in modern history classes, N. M. Vinzberg, Ukr. ist zhur, 10 no. 1 128-130 Jan '66

INTUITES

Menabde, E. A. [Intuitive society, its economy, property, family, and inheritance] Khelitsko obshchestvo, ekonomika, sobstvennost', semla i nasledovanie, Tbilisi, Metsnereba, 1965. 229 p.

HOCHHUTH, ROLF, 1931-

"The Deputy in Italy. S. G. Shishchenko, Teatr 26 no. 7 150-151 Jan '65

HODGKIN'S DISEASE

Localized lymphogranulomatosis of the gastrointestinal tract, T. S. Polyakovskiy, E. A. Livshits, Sbor. nauch. rab. vichel. Kaz. ASSR no. 4 200-202 '62

Serum glycoproteins in lymphogranulomatosis and chronic lymphadenosis, A. E. Greiser, Sbor. nauch. rab. vichel. Kaz. ASSR no. 4 79-82 '62

HOG CHOLERA—PREVENTIVE INOCULATION

Immunogenic properties of the Hya vaccine from TS-17 strain against hog cholera, B. A. Matvienko, F. K. Yaloeva Vest. sel'khoz. nauki [Kazakh.], 9 no. 2 63-67 F '65

HOISTING MACHINERY

Designing hoisting and conveying machines, M. G. Gontar', Gost. stroit. mash. no. 2 155-161 '65

Tincores, clamps, and hoisting equipment used at the Berezhok Building Materials Plant N. S. Golubkin, Enorg. stroit. no. 4 65-68 '64

Vopitkin, E. A. [Hoisting and conveying machinery; manual for correspondence students] Pod'monno-transportnyye mashiny, uchebnoe posobie dlya studentov-zachetnikov Gor'ki, Gor'kovskii politekhn. inst., A. A. Zhdanova, 1965. 135 p.

HOISTING MACHINERY—DYNAMICS

Some problems of the dynamics of the drilling rig hoisting mechanism having a diesel hydraulic drive S. A. Radzhabov Azerb. neft. zhur. 45 no. 1 11-13 Jan '66

HOISTING MACHINERY—STANDARDS

New standards developed by the All-Union Research Institute of the Hoisting and Conveying Machinery Industry, L. D. Kuvichko, Standartizatsiya 29 no. 12 44-48 D '65

HOLIDAYS see subdivision under Georgia

HOLLAND see Netherlands

HOLLY see subdivision under Caucasus

HOLMIUM ISOTOPES—DECAY

Decay of Ho¹⁶⁰, M. P. Avotina and others, Izv. AN SSSR, Ser. fiz. 30 no. 3 530-533 Mar '66

HOME AND SCHOOL

Let's increase the teacher's role in student training, L. Chuprakova, Nar. obr. no. 3 10-14 Mar '66

Working together with parents, L. Kolpakova, Nar. obr. no. 3 74-76 Mar '66

HOMERUS

Some traces of the myth about Helen's abduction by Theseus in Homer's epos (Iliad, III, 144), A. I. Zaitsev, Vest. LGU 19 no. 20 30-100 '64

HOMOLOGY THEORY

Homologies of smooth imbedding spaces, A. S. Schwarz, Dokl. AN SSSR 167 no. 1 41-44 Mar '66

Paracompactness of cellular polyhedra, M. M. Postnikov, Usp. mat. nauk 20 no. 5 228-230 S-O '65

Vietorisian cohomology objects with coefficients in pencils G. D. Berishvili, Soob. AN Gruz. SSR 41 no. 1 19-25 Jan '66

HOISING

Hoising with synthetic diamond bars (practice of the Gorky Automobile Plant), I. Kh. Chepur, Ist. i inzh. otras. Stroi. inzh. 37 no. 3 29-31 Mar '66

HOOKWORM DISEASE

(see also subdivision under Moldavia)

Vitamin B₁₂ content in the serum of patients with iron-deficiency anemia T. A. Zhititskaya, I. G. Tykova, Trudy paraz. i paraz. bol. 35 no. 3 11-17 Mar-Apr '66

HOOKWORMS

Method of culturing ancylostomid larvae for experimental purposes, G. M. Matishvili, G. N. Goudadze, O. P. Zennashvili, Med. parazit. i paraz. bol. 35 no. 2 11-23 Mar-Apr '66

HOPPERS

Equipment for the continuous measurement of hopper load losses V. I. Antsen, Gost. zhur. no. 4 52-51 Gost. zhur. no. 4 52-54 Mar '66

HORIZONTAL BAR

One of the methods for directing the mechanical energy of an athlete's body during turning on a bar, V. I. Nazarov, Teori. i prakt. fiz. kult. 29 no. 3 65-66 Mar '66

Significance of the elasticity of a bar for the effort in carrying out of gymnastic exercises, A. I. Dzhondzh, Teori. i prakt. fiz. kult. 29 no. 3 60-61 Mar '66

HORMONE THERAPY

Effect of anabolic hormones on the manifestation of allergy and autoallergy in children with rheumatic fever T. A. Nadezhkina, O. M. Kulinko, F. I. Mononenko, Sov. med. 29 no. 1 26-30 Jan '66

HORMONES

Participation of hormones and the nervous system in the regulation of the activity and synthesis of enzyme in glucose-6-phosphate metabolism and glycogenolysis V. S. Litvin, Vop. med. ikhm. 12 no. 1 3-23 Jan '66

Possible participation of serotonin and other neurotransmitters in the regulation of protein biosynthesis, based on experiments with egg cells of sea urchins T. A. Ivanikov, N. D. Zvezdina, N. G. Mukheeva, Dokl. AN SSSR 166 no. 6 1252-1255 F '66

HORMONES, SEX

Approval of the "Gonadostimulin" preparation, Miro. iz. SSSR 37 no. 1 55-56 '66

Characteristics of beef as related to the hormonal secretion of the organism, G. V. Shesterina, Veter. inzh. 42 no. 1 100-101 Jan '66

HORSES—ANATOMY

Deep lymphatic vessels of the superficial layer of a horse's head and their connections with the surface vessels Z. A. Shakhmurov Trudy Mosk. vet. akad. 10 no. 2 pt. 1 117-120 '67

Paths of the flow of lymph from the mucosa of the ventral region of the neck and the topography of the cervical lymphatic duct in a horse, A. L. Kim, Trudy Mosk. vet. akad. 10 no. 2 pt. 1 121-120 '67

Paths of the flow of lymph from the skin of a horse's head and their topography Z. A. Shakhmurov, Trudy Mosk. vet. akad. 10 no. 2 pt. 1 104-110 '67

Topography of the lymphatic nodes of a horse's head, Z. A. Shakhmurov Trudy Mosk. vet. akad. 10 no. 2 pt. 1 111-117 '67

HORSES—PHYSIOLOGY

Functional characteristics of the cardiovascular system in trotters and draft horses, N. A. Sudakov Trudy Mosk. vet. akad. 22 no. 2 140-145 '68

HORTICULTURAL RESEARCH

At the Scientific Research Institute of Horticulture in the non-Chernozem belt, I. I. Sinityn, Vest. sel'khoz. nauki 10 no. 6 127-128 Jan '66

HOSPITAL PHARMACIES see subdivision under Simferopol'

HOSPITALS

[Work organization in the provincial sector of public health and in the provincial hospital] Organizatsiya raboty oblastnogo otdela zdravookhraneniya i obshchestvennogo zdor'ya, [By] M. P. Motorina dr. Moskva, Meditsina, 1965. 98 p. (Peredovoi opyt organizatsii zdravookhraneniya) (DNLM)

HOSPITALS—DESIGN AND CONSTRUCTION

Clinic for chest surgery, M. I. Grochina, Stroit. i inzh. [sbornik] no. 2 27-32 '66

HOSPITALS—OUTPATIENT SERVICES

Outpatient treatment of tuberculous patients, F. V. Shebanov, Probl. tub. no. 3 3-7 '65

HOT-WATER SUPPLY

Using the theory of probability for determining the gas consumption in hot-water supply systems, B. M. Krasovskiy, Gaz. prom. 11 no. 2 34-36 '66

HOTBEDS see subdivision under Nikolayev Province

HOTBEDS—HEATING AND VENTILATION

Improve the insulation of heating elements. V. Gavrilenko. Tekh v sel'khoz. 26 no. 3:38-39 Mi '66.

Mechanism for lifting holed frames. V. Uvriov. Tekh v sel'khoz. 26 no. 3:23-24 Mi '66.

HOTELS, TAVERNS, ETC.—DESIGN AND CONSTRUCTION

see subdivision under Samarkand, Uzbekistan

HOUSING see subdivision under Smolensk Province

HOUSING, COOPERATIVE—LAWS AND LEGISLATION

Legal status of the housing and building cooperative. V. I. Pergament. Sov gos i prava zh no 1:116-118 Ap '66.

The new Model Statute for Housing and Building Cooperatives of the U.S.S.R. K. Zaslavskiy. Sov iust 30 no. 5:9-11 Mi '66.

HOUSING MANAGEMENT

Moskalev, V. N. [The trade union organization of housing operations and management offices] Profsoyuznaya organizatsiya zhilishchno-ekspluatatsionnoy kontory. [Moskva] Prolifdat, 1966. 43 p. (Biblioteka profsoyuznogo aktivista, no. 3(123))

HROCH, ALEKSANDER

The commander. Jirina Trojanova. Sov voia 47 no. 22, 44-45 N '63.

HUMAN ANATOMY see Anatomy, Human

HUMAN ENGINEERING

Engineering psychology and automation. G. A. Sergeev. Sudostroyeniye 56 no. 3:45-10 Ja '66.

Ergonomic problems in the design and planning of installations in rail and transportation. V. O. Degtyarev. Trudy MFT no 226:23-31 '66.

Panov, D. I., ed. [Engineering psychology. Translated from the English] Inzhenernaya psikhologiya, sbornik statei. Moskva, Progress, 1964. 661 p. (CSMOR)

HUMAN MILK see Milk, Human

HUMANISM

Socialist humanism and its distinctive characteristics. L. K. Grishanov. Mirovaia filia sbor. Kish, un no 1 31-11 '64.

HUMANITIES—STUDY AND TEACHING

Cognitive tasks in the teaching of humanities. I. Lerner. Nar. obr. no. 3:41-42 Mi '66.

HUMIC ACID

Soluble aluminum humates obtained from peat. G. V. Slipovskii, I. A. Kuz'mina, G. A. Isakov. Trud. prom 13 no. 1:28-31 '66.

HUMIDITY see subdivision under Arctic regions

HUMUS

(see also subdivision under Azerbaijan, Central Chernozem region; Kabardino-Balkar A.S.S.R.; Leningrad Province)

Humus and nitrogen in floodland soils of western Smolensk Province. L. A. Grishina. Agrokhtimika no. 3:46-51 Mr '66.

Influence of humus on the diffusion rate of strontium-90 in quartz sand. V. M. Prokhorov, A. S. Frid. Pochvovedenie no. 3:68-70 Mi '66.

HUMUS—COMPOSITION see subdivision under Azerbaijan

HUNGARIAN POLITICAL PRISONERS see Political prisoners, Hungarian

HUNGARY—ARMY—PERIODICALS

A faithful weapon. Ferenc Hegedus. Sov voia 48 no. 7, 41 Ap '66.

HUNGARY—BIBLIOGRAPHY

[New literature on Hungary] Nov. lit. po Veng. nos. 1-3 '66.

HUNGARY—BOOKSELLERS AND BOOKSELLING

Bookselling in Hungary. T. Krutovertsev. Knizh. toig. 17 no. 1:36-30 Ja '66.

HUNGARY—COMMERCE—RUSSIA

Our Hungarian friends write us. Vnoash.torg. 16 no. 3:19-23 '66.

HUNGARY—COOPERATIVE MARKETING OF FARM PRODUCE

Procurement of agricultural products by Hungarian cooperatives. Laszlo Panak. Zakup. sel'khoz. prod. no. 6:54-55 Je '65.

HUNGARY—ECONOMIC CONDITIONS

On the banks of the Danube and Tisza rivers. Gabor Szaloki. Agitator 33 no. 5:58-60 Mr '66.

HUNGARY—HISTORY

Kun, Bela. [On the Hungarian Soviet Republic, selected articles and speeches. Translated from the Hungarian] O Vengerskoi Sovetskoi Respublike, Izbrannye stat'i i rechi. Moskva, Politizdat, 1966. 542 p.

The last days of fascism in Hungary. V. Pushkash. Nov. voina. 23 no. 1:42:21-25 Ap '66.

HUNGARY—MINERS

Hungarian miners during the period of the building of socialism. Tibor Sebastian. Voen. prof. dvizh. no. 2 22-25 Mi '66.

HUNGARY—PETROLEUM PRODUCTION—IN-SITU COMBUSTION

Rated parameters of the thermal method of petroleum production, Hungary. L. Kishau, Z. Gemenian. Nefit. khoz. 13 no. 12:58-62 D '65.

HUNGARY—RELATIONS (GENERAL) WITH RUSSIA

Drozdev, P. I. [Landmarks of a centuries-long friendship on the history of Soviet-Hungarian relations] Vechi mnogovekovoi druzhby, k istorii sovetskovo-vengerskikh svyazei. Moskva, Mysl', 1965. 446 p.

HUNGARY—ROCKETS (ORDNANCE)

Zones of fire in the blue sky. Istvan Bertalan. Sov voia 18 no. 7:12-13 Ap '66.

HUNGARY—VITAMINS—RESEARCH

Scientific session on vitamins in Budapest. P. Balla. Kons. i ev. prom. 21 no. 1:10-13 Ap '66.

HUNTING see subdivision under Tyumen' Province

HUSBAND AND WIFE

Property rights of spouses. IU. Vasil'ev. Sov. iust. 30 no. 7:7-8 Ap '66.

An unusual event. S. Steinsberg. Mol. kotam no 1:13-44 Ja '65.

HYALURONIDASE

Discovery of hyaluronidase in *Bacillus coli* cultures. V. G. Khmurov. Med. parazit. i parazit. bol. 35 no. 2:204-206 Mr-Apr '66.

HYBRID CORN

New data on the transmission of drought resistance to double corn hybrids and the effect of heterosis on this character. D. Bulkan. Genetika no. 2:82-88 '66.

HYDANTOIN—PHYSIOLOGICAL EFFECT

Effect of difenon on the various types of central inhibition of the knee jerk reflex. E. B. Arushanian, IU. A. Belozertsev. Farm. i toks. 29 no. 1:12-17 Ja-F '66.

Synthesis of acetylene derivatives with possible hypoglycemic effect. V. H. Zhubenko, S. M. Myzha. Farm. i toks. 29 no. 1:3-6 '66.

HYDATIDS

Deworming of dogs in echinococcosis by the combined method (ascoline with ester extract of ionic fern). IU. IU. Putane. Trudy Mosk. vel. akad. 10 no. 2 pt 1:57-61 '57.

Manifestation of allergic reactions to echinococcal antigen in various parts of the body of cattle. V. A. Boi ovskii. Vest. sel'khoz. nauki [Kazakh] 0 no. 2:68-72 F '66.

Testing the anthelmintic action of acetone extract of male fern and rhizome of male fern in experimental echinococcosis of dogs. IU. IU. Putane. Trudy Mosk. vel. akad. 10 no. 2 pt 1:13-56 '57.

HYDRATION

Chemical heat and entropy of hydration of a ferrioxalium cation. A. A. Pandin, M. S. Zakhar'evskii, P. K. Leont'evskina. Zhur. ob. khim. 36 no. 3:397-401 Mr '65.

Hydration properties of anhydrite and pseudowollastonite. V. S. Gorskikh. Zhur. prikl. khim. 38 no. 2:448-451 F '66.

Polymolecular adsorption of water on the surface of ionic crystals. O. M. Rozental. Kol. zhur. 28 no. 1:112-115 Ja-F '66.

HYDRAULIC CONTROL

Exposal criterion of the stability of a hydraulic servo system. V. V. Kulevich. Samotomas, i tekhn. vozd. sloz. no. 2:114-117 '65.

Scientific technical conference on hydraulic drives and control. V. D. Nosov. Vest. mashinost. 46 no. 2: 95 F '66.

HYDRAULIC CONVEYING

Automation of hydraulic loading and unloading equipment. L. I. Protopenov, E. A. Litinskii, V. N. Trifanov. Trudy LIVI no. 59:9-12 '61.

HYDRAULIC ENGINEERING

Constant factors in the variation of the extension of the vortex area of a broadening "tranquil" stream. A. N. Rakhmanov. Izv. VNIIG 70, 83-109 '66.

Construction of a section of a derivation tunnel in lacustrine sediments. N. D. Charkbaiaev. Energ. stroit. no. 44:33-36 '64.

Determining the propagation velocity of flood peak in calculating maximum discharges. L. M. Komar'chikov. Gid. stroit. 26 no. 1:30-37 Ja '66.

Exchange under the sector gate of a broad crest weir. V. M. Rikab'ch. Gid. stroit. 36 no. 2:19-50 F '66.

Equation for channel transformations. M. E. Fokhtovich. Izv. VNIIG 78 110-116 '65.

Hydraulic calculation of a flow contracted by spill dikes in sections of river rapids. M. M. Ochinnikov. Gid. stroit. 36 no. 1:35-37 Ja '66.

Logvinov, B. G., and V. A. Blazhevich. [Hydraulic fracturing of strata] Gidravicheskii razryv plastov 2, per. i dop. izd. Moskva, Nedra, 1966. 146 p.

Measurement of the pulsation of the hydrodynamic pressure on free dischargers. R. Kh. Dusenova. Probl. kibernet. i vod. khoz. no. 3:182-187 '65.

Methods of determining the wave action on structures in the area of ice flows. V. S. Shatan. Gid. stroit. 36 no. 2:32-31 F '66.

Parameters of equations for approximate calculation of the unsteady flow of water. E. N. Orasymbetova. Probl. gidromek. i vod. khoz. no. 3:206-211 '65.

Problems in the hydraulics of river damming, the deformation of filter rock fill, and the plugging of its pores with soil. S. V. Izbas, I. V. Lebedev, P. M. Shisfil. Izv. VNIIG 78:184-203 '65.

Temporary hydraulic structures on highly sagging soils. Z. I. Ashurmatov. Gid. i mel. 18 no. 3:32-31 Mi '66.

Unsteady flow around a plane circular gate by a potential current. IU. T. Ioschchevskii, K. V. Kozlov. Izv. vys. uchob. zav. stroit. fakult. 9 no. 1:121-127 '66.

Use of stereophotographic surveying in hydraulic engineering. V. V. Vinogradov, I. F. Bulgov. Gid. i mel. 18 no. 2:17-49 F '66.

Using the cross circulation created by redistribution of specific discharges in water intake structures with a bottom intake gallery. L. P. Rumsvikh. Probl. gidromek. i vod. khoz. no. 3:187-191 '65.

HYDRAULIC ENGINEERING—RESEARCH

(see also subdivision under Leningrad)

Hydraulic research on structures and cookers for water supply systems of heat and electric power stations and industrial enterprises. A. G. Averbiev. Izv. VNIIG 78:32-42 '65.

Main trends in Soviet scientific research in the field of hydraulic engineering. I. I. Levi. Izv. VNIIG 78, 17-31 '65.

HYDRAULIC ENGINES

Well bottom screw hydraulic engine. D. D. Savvin, O. N. Gombintsev. Izv. vys. uchob. zav. stroit. fakult. 9 no. 1:95-99 '66.

HYDRAULIC FILLING

Effect of washing off finely dispersed fractions on the strength of hydraulic-fill loess soils. V. I. A. Khukhlin. Izv. AN Uz. SSR, Ser. tekhn. nauk 10 no. 1:52-56 '66.

Problem of determining heat losses in inclined hydraulic fill pipelines. V. A. Zhuchenko. Gid. stroit. 36 no. 1:32-33 Ja '66.

HYDRAULIC JACKS

Continuous hydraulic jacks. N. A. Kalinin. Vest. mashinost. 46 no. 2:49-50 F '66.

HYDRAULIC JACKS—TESTING

The new DGT-3 and DGT-1 hydraulic jacks. I. P. Savell'ev, IU. N. Gudyrin. Ugol' Ukr. no. 3:27-28 Mi '66.

HYDRAULIC JUMP

Equation of a hydraulic jump for an aerated flow in a pipeline. A. M. Shvafnshstein. Izv. VNIIG 77 195-204 '65.

On the dimensions of a hydraulic jump in a stilling pool. A. N. Rakhmanov. Izv. VNIIG 77:9-37 '65.

Regimes of the hydraulic jump in a stilling pool with a baffle wall. T. P. Prosvornova. Izv. VNIIG 77:215-233 '65.

Theory of bottom hydraulic jump. M. A. Akhalev. Izv. VNIIG 78:117-141 '65.

Turbulence parameter M in streams beneath low jumps. L. G. Moskvina. Izv. VNIIG 77:341-345 '65.

HYDRAULIC MACHINERY

Krasov, B. V., and V. I. Dechev. [Fundamentals of hydraulic, hydraulic machinery, and agricultural water supply] Osnovy gidravliki, gidravicheskoe mashinostroenie i sel'skokhoziaistvennoe vodosnabzhenie, Minsk, Urozhai, 1965. 297 p.

HYDRAULIC MACHINERY—TESTING

Working drawings of a stand for hydraulic testing of equipment components. I. A. Zaidler. Energomashinostroenie 12 no. 2:3 of cover F '66.

HYDRAULIC MINING

Coal losses in worked-out areas in the system of sublevel hydraulic breaking. A. I. Buravlev and others. Ugol' Ukr. no. 3:17-19 Mr '66.

HYDRAULIC MODELS

(see also subdivision under Kyril Kum)

Methods for the hydraulic study of the Kapehagay hydraulic complex on an elastic model. I. Kh. Akhmedov, E. V. Platneva. *Probl. gidroenerg.* 1 vol. khoz. no. 3 230-270 '65.

Modeling some peculiarities of steel movement in a through mold. D. P. Kokushin and others. *Stal* 20 no. 3 223-225 Mr '66.

HYDRAULIC PRESSES

Calculating the dynamics of a hydraulic press during punching and piercing operations. N. V. Petrov, *Izv. vuz. ucheb. zav. mashinost.* no. 11-113-149 '65.

Introducing a 350-ton capacity press for pressing cores of electric machine rotors. V. M. Kiselev, N. F. Kuznetsov, *Elektr. tekhn. i elektron. Gos. nauch.-issled. inst. nat. nauch. i tekhn. inform.* 19 no. 1:20-21 Ja '66.

Means of increasing the reliability of circuit operations in the automatic control of hydraulic press installations. D. A. Levita. [Nauch. trudy] *ENIKMAsha* 10 36-51 '65.

Using hydraulic presses for carrying out technological processes with a short cycle. M. V. Storozhev, N. S. Dobrinskii. *Vest. mashinost.* 46 no. 3, 64-67 Mr '66.

HYDRAULIC PRESSES—DESIGN AND CONSTRUCTION

Calculating the optimum number of pressure stages for an accumulator pump drive of a hydraulic press. V. E. Vernalovskii, A. P. Goidokov, *Ogneupory* 31 no. 2:28-31 '65.

Calculation of bolster plates for hydraulic presses. Yu. F. Vereshchagin, L. T. Nudel'man, Kuz.-shtam. protzv. 8 no. 2:30-34 F '66.

HYDRAULIC SERVOMECHANISMS

Some problems of using hydraulic drive in fishing boats. S. S. Tolban, M. I. Gotsman. *Ryb. khoz.* 10 no. 3 34-37 '63.

HYDRAULIC STRUCTURES

(see also subdivision under Uch-Kurgan Hydroelectric Power Station)

Calculation of a rigidly clamped wall. A. B. Ogronovich, *Gidrot. st. ol.* 35 no. 2:40-43 F '65.

Coordinating conference on the limiting state of hydraulic structures. K. A. Mal'tsov, I. B. Sokolov, *Gidrot. st. ol.* 36 no. 1 53-57 Ja '66.

Determining loads on large hydraulic structures during seismic action. P. P. Kuf'mach, *Izv. VNIIG* 77:309-317 '65.

Effect of a power system on the stability of stationary hydraulic regimes in pressure structures of hydroelectric power stations. D. A. Dogonadze, N. A. Kartvelishvili, *Izv. VNIIG* 77:101-123 '65.

Effect of cracks in concrete on the cohesion of the reinforcement in the reinforced concrete elements of hydraulic structures. V. M. Moskvina, S. N. Alekseev, V. I. Novgorodskii, *Gidrot. st. ol.* 35 no. 2:20-26 F '65.

Hydraulic calculation of a flush gallery of a trench-type sand and gravel trap. A. I. Aykova, *Probl. gidroenerg.* 1 vol. khoz. no. 3:166-205 '65.

Research in the field of the hydraulics of navigation structures according to materials of the Leningrad Water Transport Institute. *Izv. VNIIG* 78:281-303 '65.

Use of electric modeling for determining the virtual mass of water in natural bending of elements of hydraulic structures. L. V. Moskvina, *Izv. VNIIG* 77:235-218 '65.

HYDRAULIC STRUCTURES—DESIGN AND CONSTRUCTION

Ice phenomena on large Soviet rivers and their effect on the design of hydraulic projects. A. M. Esifov, *Izv. VNIIG* 78:455-473 '65.

HYDRAULIC STRUCTURES—FOUNDATIONS

Experimental study of the shear strength of sandy foundation beds of hydraulic structures in the presence of a gravel layer. P. N. Kashkarov, *Izv. VNIIG* 77:331-339 '65.

HYDRAULIC TURBINES

Economic effectiveness of using diagonal hydraulic turbines. V. S. Kviatkovskii, *Gidrot. st. ol.* 36 no. 2:20-27 F '66.

Experimental study of the spectral distribution of cavitation nuclei in water. L. R. Gavrilov, *Energomashino-stroenie* 12 no. 2:41-42 F '66.

Forecasting abrasive wear of Francis hydraulic turbines. V. B. Dul'nev, *Izv. VNIIG* 78:444-454 '65.

Some conclusions of the results of experimental tests of low-head axial-flow hydraulic turbines. A. F. Sushko, *Izv. vuz. ucheb. zav., energ.* 9 no. 3:100-107 Mr '66.

HYDRAULIC TURBINES—TRANSPORTATION

Transportation of small heavy runners of Francis-type hydraulic turbines by water. M. I. Gal'perin, A. V. Cherkulaev, *Energomashino-stroenie* 12 no. 2:45 F '66.

HYDRAULICS

Karasev, B. V., and V. I. Dechev. [Fundamentals of hydraulic, hydraulic machinery, and agricultural water supply] *Osnovy gidravliki, gidravlicheskie mashiny i sel'skokhoziaistvennoe vodosnabzhenie*. Minsk, Urozhai, 1965. 297 p.

Problems of the hydraulics of floodplain channels in relation to the tasks of constructing and extrapolating curves of water discharges. D. E. Shorodunov, *Trudy GGI* no. 128:3-37 '65.

Spreading of the stream of a dropping liquid along a rough surface. I. V. VNIIG 77:79-99 '65.

HYDRAULICS—CONGRESSES

Eleventh Congress of the International Association for Hydraulic Research. B. V. Prokhorov, M. F. Shladnev, K. A. Zvozykin, *Izv. VNIIG* 78:11-16 '65.

HYDRAZIDES

Interaction of transport RNA oxidized by periodate with polycarboxylic acid hydrazides. D. G. Konovalov, S. D. Myzina, L. S. Sandul'shchikov, *Izv. SO AN SSSR* no. 11 Ser. khim. nauk no. 3:135-142 '63.

Substitution of hydroxycarboxylic acid hydrazide. Part 26. Nitrobenzoyl derivatives of phenylhydrazides of dialyl- and dialkylglycolic acids. I. S. Berdinskii, L. S. Nikulina, *Zhur. org. khim.* 2 no. 3 481-483 Mr '66.

HYDRAZINE

Chemistry of free radicals of the hydrazine series. Part 34: Benzoyl derivatives of α -benzo- and naphthalenyl- β -phenylhydrazines. L. A. Pot'kov and others. *Zhur. org. khim.* 2 no. 3:501-504 Mr '66.

Polynuclear complex compounds of nickel carbonate with hydrazine. E. I. Krylov, V. A. Sharov, V. F. Degtiarev, *Dokl. AN SSSR* 165 no. 4 878-879 F '66.

HYDRAZINE—SPECTRA

Structure of diacylhydrazines. B. A. Zadorozhnyi and others. *Zhur. org. khim.* 2 no. 3:432-437 Mr '66.

HYDRAZINE—THERAPEUTIC USE

Antifibrillation properties of hydrazine derivatives in experimental acute coronary insufficiency. N. K. Popova, *Farm. i toka.* 29 no. 1:44-47 Ja-F '66.

HYDRAZONES

Bis(arylsulfonyl) methane series. Part 1: Arylhydrazones of carboxylic (phenylsulfonyl). R. G. Dubenko, V. P. Nepluev, P. S. Pol'kis, *Zhur. org. khim.* 2 no. 3:504-507 Mr '66.

Study in the series of arylhydrazones, substitution derivatives of glyoxylic acid. Part 8: Arylhydrazones of ethyl ether and amide of 4'-phenylthiazolylglyoxylic acid. R. G. Dubenko, *Zhur. org. khim.* 2 no. 3:485-488 Mr '66.

Synthesis of derivatives of the androstane series. Part 6: Tetrahydrazones of 2,16-dioxymethyleneandrostane-3,17-dione and 2,16-dioxymethyleneandrostane-3,17-dione. L. N. Volovetskii, *Zhur. org. khim.* 36 no. 2 239-242 F '66.

HYDRIDES

Electrodeposition of aluminum from a hydride electrolyte. A. L. Levinas, A. I. Simanavichus, *Elektrokhimiya* 2 no. 2 200-204 F '66.

HYDROAROMATIC COMPOUNDS

Effect of hydroaromatic compounds on the streptomycin production by *Actinomyces streptomycini* LS-1. L. A. Galanina, P. A. Agatov, *Mikrobiologiya* 35 no. 1 60-63 Ja-F '66.

HYDROBIOLOGY—CONGRESSES

Hydrobiological studies of the bodies of water in Central Asia and Kazakhstan. N. Z. Khusanova, *Gidrobiol. zhur.* 2 no. 1:74-75 '66.

HYDROCARBON OILS—ANALYSIS

Studying the composition of the bicyclic aromatic hydrocarbons of gas oil from catalytic cracking. K. M. Vaisberg and others. *Khim. i tekhn. topl. i masel* 11 no. 4: 4-7 Ap '66.

HYDROCARBONS

(see also subdivision under Gazli Gas Field; Kura Valley; Shobelinka Gas Field)

Certain characteristics of the solidification curves of binary systems of aliphatic hydrocarbons. K. V. Vili'shau, V. A. Gavrilova, *Zhur. fiz. khim.* 40 no. 3: 713-714 Mr '66.

Continuous elementary analysis of components of mixtures eluted from a chromatographic column. I. A. Revel'skii and others. *Neftekhimiya* 5 no. 3:417-424 My-Je '65.

Determination of microimpurities of C_1 - C_4 hydrocarbons in pure ethylene. A. V. Alekseeva, K. A. Golbert, A. I. Fomina, *Neftekhimiya* 5 no. 3:440-432 My-Je '65.

Effect of small hydrocarbon concentrations on some indices of adenergic and cholinergic systems. I. G. Samodov, R. V. Chisul'skaya, *Izv. AN Azerb. SSR. Ser. bio. nauk* no. 5:417-423 '65.

Gas chromatographic determination of the heats of adsorption of hydrocarbons on zeolites. A. V. Kiselev, I. L. Chernenkova, A. I. Laashin, *Neftekhimiya* 5 no. 4:589-595 Ju-Ag '65.

Interatomic distances in nonaromatic hydrocarbons in the light of hybridization theory. B. M. Mikhailov, *Zhur. org. khim.* 36 no. 2:365-370 F '66.

Potentiometric determination of soluble fatty acids in microbiological oxidation of hydrocarbons. T. S. B. Kuchemba, V. M. Belikov, A. V. Fedonova, Prikl. biokhimiya, i mikrobiol. 2 no. 2:213-215 Mr-Ap '66.

Relation of different taxonomic yeast groups to the hydrocarbons of oil fractions. V. I. Kudravytsev and others. *Mikrobiologiya* 34 no. 6:1008-1007 N-D '65.

Study of isomerization reactions of normal paraffin hydrocarbons in the presence of platinum-plated synthetic zeolites. A. I. Afanas'ev, A. Z. Dorogochinskii, I. G. Pol'pova, *Nefteper. i neftekhim.* no. 1 39-41 '65.

Synthetic action of inhibitors in hydrocarbon oxidation. G. V. Kniukhina, Z. K. Mal'eva, N. M. Mamont' *Neftekhimiya* 4 no. 3:384-398 My-Je '65.

HYDROCARBONS—PHYSIOLOGICAL EFFECT

Effect of chronic action of small doses of hydrocarbon vapors on the organism. Report No. 3. L. M. Luts'ko, S. F. Fatakhova, *Azerb. med. zhur.* 13 no. 1 26-32 Ja '66.

HYDROCARBONS—TOXICOLOGY

Different reactive states of the organism due to chronic action of low hydrocarbon concentrations. I. G. Samodov, R. V. Chisul'skaya, I. P. Pavlova, *Azerb. med. zhur.* 43 no. 1:65-70 Ja '66.

HYDROCARBONS, EFFECT OF RADIATION ON

Resistance of high-boiling hydrocarbons to radiation in a reactor. I. Kiselev and others. *Atom. energ.* 20 no. 1:35-40 Ja '66.

HYDROCEPHALUS

Transition of closed forms of congenital hydrocephalus into communicating forms in very young children. B. N. Kiselevskii, V. R. Parin, *Akh. pat.* 26 no. 1 53-58 '66.

HYDROCHLORIC ACID

Interaction of 2,3-dipiperidyl- and 2-arylamino-3-(1-piperidyl)-1,4-naphthoquinones with hydrochloric acid. A. I. Rikhtina, K. I. Matoshina, T. P. Fokin, *Izv. SO AN SSSR* no. 11. Ser. khim. nauk no. 3:122-125 '61.

New data on the rate of steel corrosion in hydrochloric acid. V. M. Chistiakov, *Izv. vuz. ucheb. zav., khim. i tekhn. tekhn.* 8 no. 6:1033-1035 '65.

System $TiCl_4-HCl$ -tributyl phosphate. V. N. Stai'nev, E. I. Krylov, I. U. A. Kor'min, *Zhur. neorg. khim.* 10 no. 10:2367-2371 O '65.

HYDROCORTISONE see Cortisol

HYDRODYNAMICS

Applying the tensiometric measurement of pulsations in pressure drops for the study of the hydrodynamics of a fluidized bed. Report No. 1. M. S. Iufin, G. P. Gilegor'ev, P. V. Varentsov, *Trudy LITTSBE* no. 17:193-202 '65.

Approximate solution of problems of pressured flow in a two-layer medium. V. F. Kovalev, *Prikl. mekh.* 2 no. 1:131-133 '66.

Approximate solution to a mixed problem. K. F. Shil'nov, F. G. Gasanov, A. M. Babayev, *Trudy Vych. uch. i inzh. Azerb. SSR* 3 97-108 '65.

Calculating speed pulsations in a stream with a rough bed. V. I. Dol'man, *Prikl. mekh.* 2 no. 1:115-119 '66.

Calculation of the filtration from channels and water ways. P. A. Rudchenko, *Prikl. mekh.* 2 no. 2:117-125 '66.

Determining the head loss caused by friction in nonuniform tubes. V. A. Solnyshkov, *Izv. VNIIG* 77:130-148 '65.

Differential equations for the nonsteady motion of a liquid and polycation forces for the general case of microporous bodies. R. R. Chugaev, *Izv. VNIIG* 78: 214-241 '65.

Equations for a two-dimensional supercritical flow in a channel with a steeply sloping bed. B. T. Lit'sev, *Izv. VNIIG* 78:372-376 '65.

Evaluation of the principal tolerances in methods of calculating polycation in hydraulically affluited multilayer horizontal strata. S. N. Numerov, R. M. Barasgjan, *Izv. VNIIG* 78:242-254 '65.

Flow of a polymer melt in an annular channel. G. A. Van Fo Fy, V. G. Litvinov, *Gidroeomekhanika* no. 2: 42-47 '65.

Motion of a liquid on curvilinear surfaces at constant flow depth. A. D. Girg'dov, *Izv. VNIIG* 78:391-403 '65.

Movement of an air-entrained pressureless flow: an experimental study. V. P. Lefanov, *Nauch. trudy KNIIT* no. 60. 59-80 '62.

Problems in the investigation of irregular and axisymmetrical seepage with the aid of a viscous analogy. V. I. Aravin, *Izv. VNIIG* 78:204-213 '65.

Quenching of kinetic energy behind an overflow dam with a group of dissipating spouts. Kh. I. Zairov, *Izv. vuz. ucheb. zav., energ.* 9 no. 3:93-99 Mr '66.

Quotient solution of an equation of fluid movement with nonuniform discharge in open flow. T. A. Fedotova, *Probl. gidroenerg. i vod. khoz.* no. 3:116-113 '65.

Shaft drop energy dissipation. D. M. Chikvashvili, *Izv. VNIIG* 77:147-163 '65.

Temperature field in a polymer melt flowing in an annular channel. G. A. Van Fo Fy, V. G. Litvinov, *Gidroeomekhanika* no. 2:48-55 '65.

HYDRODYNAMICS (Continued)

Transverse circulation in the division of a flow of a liquid. V. A. Gligol'ev. *Probl. gidromekh. i vod. khoz.* no. 3 155-160 '65

Unsteady free convection in a bounded region. P. S. Chernikov, Zhur'yeh mnt i mat. fiz. 6 no. 2 288-303 M-Apr '66

Use of the method of trigonometric interpolation in solving the direct problem of the potential flow of an incompressible fluid past hydrodynamic filaments with arbitrary geometrical parameters. V. P. Fil'chakova. *Gidromekhanika* no. 2:19-28 '65.

Vortex formation without rotation in the discharge of a fluid through bottom outlets. N. M. Belsaev, G. S. Shanderov. *Gidromekhanika* no. 2:27-32 '65.

HYDRODYNAMICS—MATHEMATICAL MODELS

Mathematical methods for constructing new models of continua. L. I. Sedov. *Usp. mat. nauk* 20 no. 5:121-180 S-O '65.

HYDROELECTRIC POWER STATIONS

(See also subdivision under Japan; see also: Bratsk Hydroelectric Power Station, Chayvsk Hydroelectric Power Station, Dneprodzerzhinsk Hydroelectric Power Station, Dnieper Hydroelectric Power Station, Ingur Hydroelectric Power Station, Irkutsk Hydroelectric Power Station, Kiev Hydroelectric Power Station, Krasnoyarsk Hydroelectric Power Station, Mamakan Hydroelectric Power Station, Mingochaur Hydroelectric Power Station, Uch-Kurgan Hydroelectric Power Station, Vilny Hydroelectric Power Station, Volinsk Hydroelectric Power Station)

Brief news on construction and operation. *Gidr. st. ol.* 36 no. 1 45 Ja '66

Classification of low-head hydraulic power plants with horizontal or inclined hydraulic units. S. K. Maslennikov. *Gidr. st. ol.* 35 no. 2:40-51 F '65.

Configuration of upstream and downstream pools of joint hydroelectric power stations in the two-dimensional conditions. N. V. Shragin. *Izv. VNIIG* 77:205-214 '65.

Consideration of the dynamics of the growth of a system in performing hydroelectric power calculations. A. Sh. Roznikovskii, M. I. Rubinshteyn. *Izv. AN SSSR, Fiz. i tekhn. nauch. i tekhn. inform.* 19 no. 1:3-4 Ja '66.

Effect of internal load distribution on the power and economic indices of hydroelectric power stations. T. A. Filippova. *Gidr. st. ol.* 35 no. 2 17-20 F '65.

Effect of the reactive loads of hydraulic turbine generators on the optimal installation distribution of active load. V. D. Urin. *Elektricheskoe* no. 4 88-89 Ap '66.

Generalized graphic method of calculating unsteady flow in division canals and pressure conduits of hydroelectric power stations. G. A. Dzhamalovskii, *Izv. VNIIG* 78:417-428 '65.

Hydraulic resonance in conduits of hydroelectric power stations. K. A. Shramkov. *Gidr. st. ol.* 35 no. 2:12-16 F '65.

Investigation of the securing capacity of the flow of the tail water of a combined hydroelectric power station. N. V. Shragin. *Izv. VNIIG* 78:377-380 '65.

Karol', L. A. [Manual for a course project of hydroelectric power engineering] *Uchebnoe posobie dlia yuzhenitskikh i sovetskikh i gidromekhanicheskikh. Red. D. O. Seltina. Moskva, Energ. in-1, 1966, 64 p.*

Possible principles of the construction of the automatic control system of a hydroelectric power station and a c.e. transmission line. V. V. Krivonozhko. *Elektricheskoe* no. 4:38-42 Ap '66.

Study of the maximum water level rise and the optimum resistance in a damping surge tank for instantaneous and complete shutoffs of water supply to turbines of hydroelectric power stations. I. A. Cherniatin. *Izv. VNIIG* 78:429-443 '65.

What made designer Koslin famous. V. Bogalyreva. *Izobr. i izn.* no. 2:4 '66.

HYDROELECTRIC POWER STATIONS—CORROSION

Corrosion protection of metallic structures of hydroelectric power stations by zinc paints. A. G. Khanlarova, M. R. Khanmamedova. *Gidr. st. ol.* 35 no. 2:18-12 F '65.

HYDROELECTRIC POWER STATIONS—DESIGN AND CONSTRUCTION

Experience in using arch sheeting in the construction of the diversion tunnel of a hydroelectric power station. N. M. Verbitskiy. *Gidr. st. ol.* 35 no. 2:29-31 F '65.

Precision in the determination of the required geodetic altitude of a hydroelectric power station. I. E. Donskii. *Gidr. st. ol.* 35 no. 2:45-46 F '65.

Records on construction and operation. *Gidr. st. ol.* 36 no. 2:50 F '66.

Strengthening of flumes of a hydroelectric power station by brushwood mattresses. S. F. Sorokin, V. A. Kravakov, B. T. Polapenko. *Gidr. st. ol.* 36 no. 1:48-51 Ja '66.

Tail races of hydroelectric power stations. M. I. Syroezhin. *Gidr. st. ol.* 36 no. 2:27-32 F '66.

HYDROFLUORIC ACID

Solubility of germanium tetrafluoride in hydrogen fluoride. I. I. Tyshinskii, A. A. Opalovskii, N. S. Nikolaev. *Izv. SO AN SSSR* no. 11, Ser. khim. nauk no. 3:69-72 '64.

Solubility of pentavalent vanadium from the solutions of hydrofluoric acid by anionites. V. S. Pavlovskiy. *Izv. vyz. ucheb. zav. i khim. i khim. tekhn.* 8 no. 9 940-944 '65.

HYDROFOIL BOATS

(See also subdivision under Black Sea)

Konobaykov, A. A. [Diesel engines of hydrofoil boats] *Dizel'nye uslovnykh sudov na podvodnykh korytakh. Leningrad, Sudostroyeniye, 1966 156 p.*

HYDROFOIL BOATS—TRANSMISSION DEVICES

Choice of the type of gear drive and propeller for hydrofoil boats. B. A. Tikhonov and others. *Sudostroyeniye* 56 no. 2:25-29 F '66.

HYDROGEN

Analogy between heterogeneous and homogeneous activation of an H_2 molecule. T. Nagy, L. Simandl. *Kin. i kat.* 7 no. 1:11-20 Ja-F '66.

Hydrogen atom reaction in the system $H_2O + H_2SO_4 + FeSO_4$. Part 2: Reactions involving unsaturated compounds. N. M. Buzhin and others. *Kin. i kat.* 7 no. 1: 161-165 Ja-F '66.

Hydrogen exchange in the carbocyclic ring of chlorophyll. V. M. Kuznetsov, I. V. Matveeva, I. U. Artyukhin. *Dokl. AN SSSR* 166 no. 5 1233-1235 F '66.

New method of hydrogen pumping. F. I. Busol, V. B. Uferov. *Zhurn. tekhn. fiz.* 36 no. 1:174-177 Ja '66.

Odd-odd magnetic interaction and spontaneous ortho-para transitions in hydrogen molecules and molecular ions. V. S. Arushin, Vost. LGU 21 no. 4:16-22 '66.

Producing the UChV-2A unit for fine purification of hydrogen. N. S. Il'in. *Bliz. tekhn. i ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform.* 19 no. 1:3-4 Ja '66.

Testing the strength of thermally processed welded pipe joints operating under high temperatures and pressures of hydrogen. M. B. Avellan. *Khim. i nef. mashinost.* no. 1:37-41 Ja '66.

HYDROGEN—OPTICAL PROPERTIES

Optical properties of molecular hydrogen. M. N. Adamov, R. A. Evarestov. *Vost. LGU* 21 no. 4:23 27 '66.

HYDROGEN BONDING

Differentiation of the hydrogen ion bonding strengths in lithium borosilicate glasses. V. S. Bobrov, M. M. Shul'ts, L. P. Kalinikova. *Elektrokhimiya* 2 no. 3:288-294 Mr '66.

Dipole moments and intramolecular hydrogen bonding. Part 1. V. I. Minkin and others. *Zhur. fiz. khim.* 40 no. 3:657-666 Mr '66.

Spectroscopic appearance of hydrogen bonding in furfuryl alcohol. I. U. Khol'min, L. S. Solov'ev, R. A. Stepan'. *Izv. SO AN SSSR* no. 11, Ser. khim. nauk no. 3:105-109 '64.

HYDROGEN-ION CONCENTRATION

Effect of antibiotics of the macrolide group on gram-negative bacteria as related to different reactions of the medium. A. B. Chernomordik. *Ankhtotiki* 11 no. 3:260-265 Mr '66.

Effect of hydrogen-ion concentration on the corrosion of cathodically protected underground aluminum oil and gas pipelines. F. Z. Fikhsang. *Izv. vyz. ucheb. zav. i nauch. i tekhn. inform.* 19 no. 1:22 '66.

Effect of pH on some electrochemical and catalytic characteristics of platinum. S. M. Reshetnikov, A. M. Sokol'skaya. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4:38-42 O-D '64.

Effect of pH on the electrochemical behavior of nickel and Oki13 steel in acid solutions containing additions of fluorides. A. I. Tsimman, V. S. Kuzub, A. N. Kairovich. *Zashch. met.* 2 no. 2 155-159 '66.

Experience in the use of automatic pH meters in the textile dye industry. G. F. Lolotaki, L. G. Shkurenko. *Khim. prom.* 42 no. 3:234-236 Mr '66.

Single temperature scale of acidity in aqueous solutions. V. V. Aleksandrov, V. I. Lobed'. *Zhur. fiz. khim.* 40 no. 3:646-648 Mr '66.

HYDROGEN ISOTOPES

Isotope hydrogen exchange and transfer of the reaction center in deuteration of benzyl mercury chloride. I. U. G. Bundel', M. D. Antonova, O. A. Reutov. *Dokl. AN SSSR* 166 no. 5:1103-1105 F '66.

HYDROGEN PEROXIDE

Combined effect of hydrogen peroxide and amino acids on Parametium. A. S. Popov. *Radiobiologiya* 6 no. 1:20-22 '66.

Mechanism of stabilization of hydrogen peroxide by sodium silicate in the process of bleaching. I. Kh. Rasikina, F. I. Sadov, G. A. Bogdanov. *Zhur. prikl. khim.* 39 no. 2:327-333 F '66.

HYDROGEN SULFIDE

Obtaining elemental sulfur when removing hydrogen sulfide from natural gas. M. M. Al'tshuler, E. N. Il'in, S. D. Kilamer. *Gaz. prom.* 11 no. 2:51-54 '66.

Rapid chromatographic method of determining hydrogen sulfide in gases and petroleum. A. V. Kuz'mina and others. *Khim. i tekhn. topl. i masel* 11 no. 4:57-60 Ap '66.

Study of microbial hydrogen sulfide production in oil fields by using $S^{35}O_4$. M. V. Ivanov, V. M. Gorlenko. *Mikrobiologiya* 35 no. 1:146-149 Ja-F '66.

Studying the equilibrium conditions of hydrogen sulfide and sulfur oxides in the joint presence over the white liquor in sulfate woodpulp production. O. I. Sokolova. V. F. Matveev. *Trudy LTTSBP* no. 17 116-121 '65.

HYDROGENATION

Accumulation of carbon monoxide and carbon dioxide in the circulating hydrogen during hydrogenation. E. I. Butovchev. *Mash. i zhit. prom.* 31 no. 1:17-18 Ja '65.

Catalytic hydrogenation of oxygen-containing compounds using nitrogen-hydrogen mixture under 250 at. A. M. Loktev. *Nefteper. i neftekhim.* no. 11:21-21 '65.

Effect of solvents on the kinetics of hydrogenation of cottonseed oil. N. S. Semonova, D. V. Sokol'skii. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 3:55-62 Ji-S '64.

Enrichment of thermally cracked gasoline by hydrogenation. A. D. Berents and others. *Nefteper. i neftekhim.* no. 2:6-8 '66.

High-temperature hydrogenation of alkylnaphthalenes. A. A. Kichko, L. S. Solov'ev, V. A. Puchkov. *Neftekhimiya* 5 no. 4:173-178 Ji-Ag '65.

Hydrogenation of dimethylcyclopentadienol over palladium catalysts on carriers. D. V. Sokol'skii, N. A. Gogol'. *Dokl. AN SSSR* 166 no. 5 1140-1142 F '66.

Hydrogenation of methyl oil. I. A. I. Donskii, S. M. Belova. *Prikl. biokhimiya i mikrobiol.* 2 no. 2:218-222 Ji-Ap '66.

Hydrogenation of nitrobenzene in a buffer solution. S. M. Reshetnikov, A. M. Sokol'skii. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 3:83-70 Ji-S '64.

Hydrogenation of some acetylenic amino alcohols. I. N. Arzibayev, B. S. Bakasina, I. V. Kirilina. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4:74-80 O-D '64.

Hydrogenation of unsaturated compounds in equilibrium. G. F. Chibrikova, D. V. Sokol'skii. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4:43-51 O-D '64.

Hydrogenation of "ylose" hydrolyzates in the presence of suspended catalysts. I. U. Mammalov, N. A. Vasilenko, A. A. Balandina. *Gidr. st. ol. i lesokhimiya* 19 no. 2: 10-11 '66.

Hydrogenation treatment of phenol resin obtained in the production of diphenylmethane. M. A. Iulin, A. B. Volk-Epshel. *Zhur. prikl. khim.* 39 no. 2:475-478 F '66.

Infrared absorption spectra of soybean oil hydrogenized on a formate-nickel catalyst. N. K. Nodrov, D. V. Sokol'skii. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4:60-64 O-D '64.

Mechanism of hydrogenation of dienes having isolated double bonds. L. Kh. Freidlin, E. F. Litvin, L. M. Kiyova. *Neftekhimiya* 5 no. 4:468-472 Ji-Ag '65.

Regeneration of hydrogen on the surface of a catalyst. D. V. Sokol'skii, G. F. Grebenkina. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 11 no. 4:53-56 O-D '64.

Regeneration of stationary catalysts for oil hydrogenation. V. I. Shilakhov and others. *Mash. i zhit. prom.* 32 no. 1: 15-16 Ja '66.

Removal of sulfides from isopentane by means of hydrogenation. O. V. Bogdanova, A. P. Ioukhin, O. M. Penkina. *Khim. prom.* 41 no. 1:815-816 N '65.

Selectivity in the continuous hydrogenation of fats. K. A. Zhubanov, D. V. Sokol'skii. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4:65-68 O-D '64.

Separation of hexenes and their hydrogenation of alcohols by the sulfuric acid method. I. U. G. Gogol', V. Sh. Fed'dulin. *Khim. prom.* 41 no. 1:808-808 N '65.

Stereocontrolled hydrogenation of thymol. N. E. Kolodnyova, L. A. Kheifits, A. A. Epikina. *Zhur. prikl. khim.* 39 no. 2:468 F '66.

HYDROGRAPHIC SURVEYING—COSTS

On the road to reduced costs of hydrographic operations. K. Malyshov. *Mor. flot* 26 no. 3:17-18 Mr '66.

HYDROLOGY see subdivision under Denmark Strait; Greenland Sea; Neva River Estuary, Norwegian Sea; White Sea

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLOGY—CONGRESSES

International symposium in Quebec (Canada). V. C. Koval'skii. *Razved. i okh. nedr.* 31 no. 11:49-42 N '65.

HYDROLOGY—RESEARCH see subdivision under Switzerland

HYDROLYSIS

Additional raw material sources for hydrolysis plants. M. I. Kamenkovich. *Gidroliz. i leokhimiya* 19 no. 2:30 '66.

Amides and anhydrides of phosphorus acids. Part 3: Hydrolysis and acidolysis of phenylphosphinic acid derivatives. L. I. Mizrahi, V. P. Evdakov. *Zhur. ob. khim.* 36 no. 3:469-475 Mr '66.

Carboxypenicillin production by enzymatic hydrolysis of its benzyl ester. M. M. Levitov and others. *Mikrobiologiya* 35 no. 1:8-12 Ja-F '66.

Continuous hydrolysis of vinyl ethers of ethylene glycol, diethyl glycol, and methylololane in acetic acid alcohol-aqueous solutions. R. D. Iakubov and others. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4:69-73 O-D '64.

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ICONS

Grabar', I. E. [Early Russian art, studies, restoration and preservation of cultural monuments] O drevnyushe skoin iskusstvo, issledovaniia, i restavratsiia i ikh ikhna prikladnaya. Moskva, Nauka, 1966, 388 p. Illus.

ICTERUS (PATHOLOGY) see Jaundice

IGNEOUS ROCKS see Rocks, Igneous

IL'DRYM, CHINGIZ, 1890-

Katib, Medzhid. [Chingiz Il'drym, a biographical sketch. Translated from the Azerbaijani] Chingiz Il'drym, biografi cheski ocherk. Baku, Azerbaidzhan skoe gos. izd-v, 1964, 105 p. (CSI-13)

IL'ICHEVSK (ODESSA PROVINCE)—CITY PLANNING

Twentyeleh interdistrict of Il'ichevsk. F. Gintberg Stroil i arkhitekt. 11 no. 1-10 Ja '66

ILLITERACY see subdivision under Volga Valley

IL'MEN MOUNTAINS—QUARTZITE

Quartzites from the Il'men Mountains. F. N. Onol'chenko Sbor. nauch. rab. Volg. gos. ped. inst. no. 1, 74-78 '64.

IMERETIA—CORN (MAIZE)—DISEASES AND PESTS

Results from the testing of some herbicides against weeds in corn fields of lower Imeretia. D. D. Khidzhakadze Ssob AN Gruz. SSR 11 no. 1 143-150 Ja '66.

IMIDAZOLE

Advances of imidazole chemistry. A. F. Porzharskii, A. D. Garmovskii, A. M. Sennov. Usp. khim. 35 no. 2 281-302 F '66.

Mechanism of the inhibition of lipoyldehydrogenase by imidazole. S. E. Severin, A. A. Glomzhba. Dokl. AN SSSR 166 no. 4, 988-989 F '66.

IMIDES

Phosphorus acid amides. Part 6: N-acylimido phosphates and phosphinates and N-acylimido phosphates and phosphinates. V. A. Glinarov, E. N. Svetkov, M. I. Kabachnik. Zhur. ob. khim. 36 no. 2, 274-282 F '66

IMMUNITY

Autofluorescence as a test in the clinical examination of the immunological reactivity in radiation injuries. N. N. Klemaschuk. Med. rad. 11 no. 2 85-91 F '66

IMMUNOCHEMISTRY

Study of the antigenic properties of the protein-cellulose immunoadsorbent. A. M. Olovnikov, A. E. Givich. Vop. med. khim. 12 no. 1, 112-114 Ja-F '66.

Synthesis of new immunoadsorbents on the basis of cellulose ether and 1-hydroxyethylsulfanyl-2-aminoanisole. O. B. Kuzovleva and others. Vop. med. khim. 12 no. 1, 106-107 Ja-F '66.

IMMUNOELECTROPHORESIS

Immunoelectrophoretic study of blood serum proteins in epidemic hepatitis. Z. A. Komova-Gorkina, L. K. Pirova. Vop. med. khim. 12 no. 1 23-28 Ja-F '66

IMMUNOLOGY

Immunobiological properties of some so-called atypical mycobacteria. A. I. Togunova, M. L. Khatever. Probl. tub. no. 3, 58-60 '66.

Some data on general immunological reactions of wild Marino sheep of Kazakhstan. O. A. Prokazin, E. N. Naumova. Izv. AN Kazakh. SSR, Ser. biol. nauk 4 no. 1, 75-78 Ja-F '66.

IMPACT

Transverse impact against a rectangular plate with free supported contour. L. V. Kostikil. Sbor. nauch. trud. Dnepr. inzh. -stroi. inst. no. 25, 19-30 '62.

IMPEDANCE (ELECTRICITY)

Theory of quantum oscillations of surface impedance. M. A. Azbel', G. A. Bogdashvili. Pis'ma v ied. Zhur. eksper. i teoret. fiz. 3 no. 6, 201-205 Mr '66.

IMPERIALISM

Foreign policy propaganda of imperialism. IU. Arbatov. Mir, ekon. i mezhdunar. otn. no. 3, 32-12 '66.

The uneven nature of capitalist development and the sharpening of imperialist contradictions. I. Lelmin. Mir, ekon. i mezhdunar. otn. no. 3, 13-56 '66.

IMPROVISATION (ACTING)

Improvisation and imitation. V. Grigor'ev. Sov. radio i tel. 12 no. 4, 13-14 Ap '63.

INCENTIVES IN INDUSTRY

(see also subdivision under Germany, East; Ukraine)

Business accounting and economic levers for the development of production. F. Veselkov. Vop. ekon. no. 2, 98-108 F '66.

Business accounting and material self-interest. A. Smirnov. Sois. trud. 11 no. 3, 127-136 Mr '66.

Development of the principle of material self-interest under modern conditions. T. Kapustin. Sois. trud. 11 no. 3, 9-18 Mr '66.

Distribution of wages in a brigade based on the final results of the work. V. K. Evdokimenko, M. L. Shelenburg. Dni prom. 15 no. 3, 24 Mr '66.

Economic incentives and the potentialities of production. N. G. Gerasimov, V. Kulikov. Dni SSSR 10 no. 3, 17-27 Mr '66.

Economic incentives for technological progress. V. Dozorov. Kommunist 12 no. 1, 20-34 Mr '66.

Forms of combining individual and group material incentives. S. Shkurko. Sois. trud. 11 no. 3, 117-126 Mr '66.

The funds reserved for material incentives in industrial enterprises. L. Kunel'skii. Agitator 33 no. 4, 15-18 F '66.

Legal problems of economic studies. A. Savitskiy, I. Shyftin. Rad. pravo 29 no. 3, 11-45 Mr '66.

Medvedev, V. A. [The law of value and the material incentives of socialist production] Zaken stolmosti i material'nye stimuly sotsialisticheskogo proizvodstva. Moskva, Ekonomika, 1966, 181 p.

Preparing to transfer to a new system of planning and economic stimulation. G. V. Asatiani, K. I. Vachetashvili. Koms. iov. prom. 21 no. 3, 27-28 Mr '66.

INCENTIVES IN INDUSTRY—LAWS AND LEGISLATION

Karinskii, S. S. [Material and moral incentives to increase the productivity of labor, legal problems] Material'nye i moral'nye stimuly k povysheniiu produktivnosti i nosti truda, pravovye voprosy. Moskva, Iuridicheskaya literatura, 1966, 223 p.

INCOME

(see also subdivision under United States; Uzbekistan)

Maler, V. F. [Planning for the real income of the population] Planirovaniie i kalkulirovaniie dekhodov naseleniia. Moskva, Ekonomika, 1966, 71 p. (Obsuzhdeniye problemai sovetskoi zhizni v planirovanii, no. 14)

INDAN

Analysis of mixtures containing isomers of diisopropylbenzene and 1,1,3-trimethylbenzene by means of gas-liquid chromatography. M. L. Vlodavets and others. Neftekhimiia 5 no. 3, 415-418 Ms-Je '65.

INDANEDIONE—THERAPEUTIC USE

Changes in the coagulation and anticoagulation system of the blood in myocardial infarct and stenocardia under orophthal treatment. N. P. Olova. Sov. med. 20 no. 2, 103-112 F '66.

INDAZOLE

Complex compounds of metals with some nitrogen-containing ligands. Part 2: 1-Methylindazole-3-aldehyde and their copper complexes. A. D. Garmovskii and others. Zhur. ob. khim. 36 no. 2, 328-332 F '66.

INDIA—SAVING AND INVESTMENT

Accumulations in India and the problems of their realization. I. I. Egorov, V. G. Rastvorov. Na. i. A. i. A. i. 2, 15-26 '66.

INDIA—SMUGGLING

Contrabandists. G. Drambants. Az. i Afri. seg. 9 no. 3, 47 Mr '66.

INDIAN OCEAN—FISHES

New data on fishes of the Indian Ocean. V. V. Nekrasov. Ryb. khoz. 10 no. 8, 6-11 '64.

INDIAN OCEAN—MONSOONS

Distribution of the zooplankton in the western part of the Indian Ocean during the winter monsoon of 1961-1962. A. G. Grobov. Ryb. khoz. 40 no. 8, 21-21 '61.

Some characteristics of the summer monsoon over the northeastern part of the Indian Ocean. V. V. Luk'ianov. Trudy Inst. okean. 7, 81-81 '65.

INDIAN OCEAN—OCEANOGRAPHY

Under the keel of "Vittaz" is the Indian Ocean. E. D. Zaklinskii, G. B. Udintsev. Zern. i vsei, 2 no. 1, 50-64 Ja-F '66.

INDIAN OCEAN—SAUREL

New subspecies of Trachurus mediterraneus indicus. Nekrasov, subsp. n. in the Indian Ocean. V. V. Nekrasov. Zool. zhur. 45 no. 1, 11-14 '65.

INDIAN OCEAN—SERPENTINTES

Serpentinites from the crest of the Arabian Sea-Indian Ocean Range. V. I. Chernyeva, P. I. Bezrukov. Dokl. AN SSSR 166 no. 4, 961-964 F '66.

INDIAN OCEAN—WINDS

Charts of the divergence and vorticity of the resulting wind speed over the Indian Ocean. IU. A. Romanov. Trudy Inst. okean. 7, 110-127 '65.

Formation of the wind profile in the surface boundary layer over the surface of the sea. O. A. Kuznetsov. Trudy Inst. okean. 7, 170-191 '65.

Influence of the averaging scale on the magnitude of divergence of wind speed. M. A. Romanova, IU. A. Romanov. Trudy Inst. okean. 7, 111-113 '65.

Interoptical convergence zone over the Indian Ocean. V. V. Luk'ianov, IU. A. Romanov. Trudy Inst. okean. 7, 92-110 '65.

INDIAN OCEAN—ZOOPLANKTON

Distribution of the zooplankton in the western part of the Indian Ocean during the winter monsoon of 1961-1962. A. G. Grobov. Ryb. khoz. 40 no. 8, 21-24 '61.

INDIUM

Coupling excitation of electric octupole transitions in the ^{115}In nucleus. IU. P. Gangsrii, I. Kh. Lemberg. IAD. fiz. 3 no. 3, 151-164 Mr '66.

Electrochemical behavior of indium in sulfuric acid solutions. L. I. Kulin, D. D. Koband, I. A. Sheva. Ukr. khim. zhur. 32 no. 2, 151-160 '66.

INDIUM—ANALYSIS

Determining indium content in solutions by the method of X-ray radiometric absorption analysis. I. N. Plaksin and others. Izv. vys. ucheb. zav., fiz. i tekhn. 9 no. 1, 13-10 '66.

Pyridylazo compounds as reagents for indium. Report No. 1. Complexometric and extraction-photometric determination of indium by 1-(2-pyridylazo)-4-naphthol. S. I. Gusev, C. M. Nikolaeva. Zhur. anal. khim. 21 no. 2, 166-171 '66.

INDIUM ALLOYS

Thermomagnetic Neilsen-Ettingshausen effects in In-Ag-InP alloys. IA. Agaev, O. Ismailov. Izv. AN Turk. SSR, Ser. fiz. -tekh., khim. i geol. nauk no. 6, 52-58 '65.

INDIUM ARSENIDES

Interaction of indium arsenide with cadmium iodide. N. P. Luzhnaia, Z. S. Medvedeva, Kh. D. Koppel. Zhur. neorg. khim. 10 no. 10, 2320-2323 O '65.

Some properties of indium arsenide and gallium arsenide alloyed with tellurium. F. F. Khachaturian and others. Izv. AN SSSR, Neorg. mat. 2 no. 2, 245-248 F '66.

INDIUM-BISMUTH ALLOYS—THERMOELECTRIC PROPERTIES

Thermoelectromotive force of liquid alloys in the system indium - bismuth. IA. I. Dutchak, O. P. Stets'kiv. Zhur. fiz. khim. 40 no. 3, 719-719 Mr '66.

INDIUM-CADMIUM-ARSENIC ALLOYS see Cadmium-indium-arsenic alloys

INDIUM PLATING

Polarization of a silicon electrode in the electrodeposition of indium and antimony. D. P. Zosimovich, V. D. Nemtsov. Ukr. khim. zhur. 32 no. 1, 20-23 '66.

INDIUM TELLURIDES

Solubility of impurities in In_2Te . A. V. Anoshchenko, V. M. Koshkin. Izv. AN SSSR, Neorg. mat. 2 no. 2, 103-106 F '66.

INDOLE

Derivatives of indole. Part 14: Analogs of norflamine. A. G. Terzian and others. Izv. AN Arm. SSR, Khim. nauki 17 no. 5, 587-572 '61.

Effect of separate and combined use of 5-methoxytryptamine and cysamine on myelogram and degeneration of cells in the hemopoietic organs of irradiated mice. N. P. Lebkova. Radiobiologiya 8 no. 1, 105-108 '66.

Relation between the chemical structure and pharmacological activity in the series of 5-alkoxy-substituted tryptamine derivatives. G. S. Arutunian, M. D. Mashevskii, L. F. Rostchina. Farm. i toki. 27 no. 6, 681-686 N-D '64.

INDOLEACETALDEHYDE

Some condensation reactions of 1-acetyl-3-indolyl-acetaldehyde. O. A. Rodin, V. P. Mamonov. Izv. SO AN SSSR no. 11, Ser. khim. nauk no. 3, 161-163 '61.

INDONE

Iodochlorometric method for quantitative determination of phenylhydrazine. F. D. Kahan, T. O. Koshel. Farmatsevt. zhur. 21 no. 1, 23-27 '66.

INDONESIA—BUREAUCRACY

Indonesia: The state sector and the bureaucratic bourgeoisie. M. A. Andriev. Nar. Az. i Afr. no. 2, 27-36 '66.

INDONESIA—GOVERNMENT BUSINESS ENTERPRISES

Indonesia: The state sector and the bureaucratic bourgeoisie. M. A. Andriev. Nar. Az. i Afr. no. 2, 27-30 '66.

INDONESIA—LABOR AND LABORING CLASSES

Ionova, A. I. [Indonesian bourgeoisie and the working class, 1945-1960] Indonezijskaja burzhuazia i rabochii klass (1945-1960 gg.). Moskva, Nauka, 1966, 138 p.

INDONESIA—POLITICS AND GOVERNMENT

Indonesia: The new Cabinet. A. Kustov. Nov. vrem. 23 no. 15, 10-19 Ap '66.

INDONESIA—SOCIAL CLASSES

Ionova, A. I. [Indonesian bourgeoisie and the working class, 1945-1960] Indonezijskaja burzhuazia i rabochii klass (1945-1960 gg.). Moskva, Nauka, 1966, 138 p.

INDUCTION (ELECTRICITY)

Induction method of anionizer electrification during the
induction of a dispersed system V. F. Danysh
Izv. Akad. Nauk SSSR Ser. Fiz. Khim. 1965, 39, 10-11-38 Ja-F '66

Multiphase cylindrical inductor with a multipole field.
A. A. Iomun Zhur. tekhn. fiz. 36 no. 1185-190 Ja '65.

INDUCTION (MATHEMATICS)

Use of Chaplygin's method for solving parabolic differential equations with delayed argument in Banach space
S. Ishino, Izv. Akad. Nauk SSSR Ser. Fiz. Khim. i geol. nauk no. 6 7-15 '65

INDUCTION ELECTRIC MOTORS see Electric motors, Induction

INDUCTION HARDENING

Effect of the heat treatment of gear wheels with induction heating of the iron on their operation S. M. Shraibman, V. S. Pogorelo, Stan. Instr. 37 no. 232-33 F '66

INDUCTION HEATING

Automation of an induction heating process in bending pipes from 20 and 12Kh1MF steel, V. D. Martynov and others Energomašinstroenie 12 no. 231-32 F '66.

Bogdanov, V. N., and S. E. Ryskin. [Using full induction heating in industry] Primenenie skvoznoy induktsionnoy nagreva v promyshlennosti. Pod obshch. red. A. A. Fogel'ba. Izd. 3, peier i dop. Moskva, Mashinostroenie, 1965 94 p. (Biblioteka vysokokachestvennykh tekhnicheskikh i nauko. 12)

INDUS VALLEY—ALLUVIUM

Formation of recent alluvium in the Brahmaputra and Indus Valleys A. A. Chislikov, and G. I. Kadri, Vest. Mosk. un. Ser. 4 Geol. 21 no. 165-75 Ja-F '66

INDUSTRIAL BUILDINGS

Troitskiy, P. N. [Industrial framework] Promyshlennyye etazherki. Moskva, Stroiizdat, 1965 189 p.

INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION (see also subdivision under Sverdlovsk Province)

Building a block of workshops by network scheduling, V. Kazantsev, F. Karpovich, Na stroit. Ros. 7 no. 1,10-11 Ja '66.

Catalogs of reinforced concrete elements for industrial buildings and structures. Biul. stroit. tekhn. 28 no. 1 22-26 Ja '66

Instruction on the assembly of precast reinforced concrete elements buildings and structures. Biul. stroit. tekhn. 28 no. 1 17-18 Ja '66

Raising the architectural and artistic level of designs of industrial enterprises. Biul. stroit. tekhn. 28 no. 1 12-13 Ja '66

Some problems in introducing a network scheduling system M. Diamant, G. Bogun, G. Korotkovskiy, Na stroit. Ros. 7 no. 1,11-12 Ja '66.

INDUSTRIAL CAPACITY

Incentives, construction time and time set for attaining planned production capacity R. Shirlaeva, Plan. khoz. 43 no. 436-87 Ap '66

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL DIAMONDS see Diamonds, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL ELECTROCHEMISTRY see Electrochemistry, Industrial

INDUSTRIAL ENGINEERING

Study of lighting conditions V. O. Deglarev, Trudy MFT no. 226 69-73 '66.

INDUSTRIAL EQUIPMENT

Problems of the economic nature of payment for production funds. T. Brazovskaya, Fin. SSSR 40 no. 346-52 Mr '66.

Problems of the effective use of metal stamping equipment M. M. Shatophina, Vest. AN BSSR, Ser. hram. nav. no. 135-41 '66.

Titanium in the national economy. N. Il'in Inform. biul. VDNKh no. 115 Ja '66

INDUSTRIAL EQUIPMENT—DESIGN AND CONSTRUCTION (see subdivision under Alma-Ata)

INDUSTRIAL EQUIPMENT—EXHIBITIONS

Standardization of technological equipment, E. Bloshstein Inform. biul. VDNKh no. 4 11-12 Ap '66.

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR

The eighth all-Union conference on the repair of industrial equipment, V. I. Kilagin, Vest. mashinost. 46 no. 3: 83-84 Mr '66.

Norms of the number of repair workers and planned preventive-maintenance personnel I. A. Konfendral, L. Aleshkovskiy, Sots. trud. 11 no. 3 88-105 Mr '66

On calculating the number of repair workers, A. Nebozhenko Sots. trud. 11 no. 3 112-114 Mr '66.

INDUSTRIAL EQUIPMENT—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Uzbekistan)

Standards and technological equipment of enterprises, T. V. Avdeyev, I. L. Doroshchev, Standartizatsiya 24 no. 12 41-42 D '63

INDUSTRIAL HYGIENE

(see also subdivision under Moscow, Sverdlovsk, Karelia) Andreeva-Galanina, E. TS., and L. I. A. Bulova. [Industrial hygiene and sanitation] Olgier (trud. i promyshlennaya sanitatsiya. [Leningrad] Meditsina, 1966. 291 p.

Everybody takes part in the inspection G. Kalinin, A. Gritsenko, Otkrytaya truda i sots. strakh. no. 3 16 Mr '66.

Glorious landmarks. Otkrytaya truda i sots. strakh. no. 3 10-14 Mr '66

Plans of the party are the plans of the people, K. Guseinov, Otkrytaya truda i sots. strakh. no. 3 1-3 Mr '66.

INDUSTRIAL LAWS AND LEGISLATION

Criminal liability for the release of poor quality, non-standard or incomplete products M. Mikhailov, IU. Mili'ko, Sov. iust. 30 no. 6 19-21 Mr '66

INDUSTRIAL MANAGEMENT

(see also subdivision under Austria, Chechen-Ingush, A. S. S. R., Donetsk Basin, Europe, Eastern, Kazakhstan, Leningrad Province, Sverdlovsk Province, Uzbekistan)

[Branch production combines in industry] Otrastovye proizvodstvennyye ob'edineniya v promyshlennosti, Moskva, Ekonomika, 1966. 191 p.

Business accounting and economic levers for the development of production, F. Veselkov, Vop. ekon. no. 2: 96-108 F '66

Business accounting and material self-interest, A. Smil'nov, Sots. trud. 11 no. 3 127-138 Mr '66

Business accounting of an enterprise under the new conditions V. Rogulin, Dcn. i kred. 24 no. 2 18-31 F '66.

The chief economist of a large oil-product enterprise, M. Krasnopol'skiy, Zakup. sel'khoz. prod. no. 6 27-28 Ju '65.

Communists of an industrial plant, A. Maslugin, Kommunist 42 no. 2 10-27 Ja '66.

Current problems of improving financial and production planning, P. Zhevtik, Tr. in SSSR 40 no. 3 31-15 Mr '66

Daily work schedule G. Okun', Sots. trud. 11 no. 3 79-85 Mr '66

Dembinskiy, N. V., A. P. Vorobelchikov, and M. Z. Kaufman. [Economic analysis of the managerial and financial operations of industrial enterprises] Ekonomicheskiy analiz khoz. i finansovoy delatelnosti promyshlennykh predpriyatiy. Pod obshch. red. N. V. Dembinskogo. Minsk, Belarus', 1965. 310 p.

Development of the principle of material self-interest under modern conditions I. Kapustin, Sots. trud. 11 no. 3 9-18 Mr '66

Economic incentives and the potentialities of production, N. Gartsosyan, V. Kulikov, Fin. SSSR 40 no. 3 17-27 Mr '66.

Economic theory and the guidance of the national economy, A. Rumyantsev, Kommunist 42 no. 1 42-54 Ja '66.

Efforts of Ukrainian trade unions to ensure the participation of workers in industrial management in the period between the 22d and 23d Congresses of the CPSU, V. K. Klymenko, Ukr. ist. zhur. 10 no. 3 3-14 Mr '66.

Forms of combining individual and group material incentives S. Shkarko, Sots. trud. 11 no. 3 117-126 Mr '66.

Give unrelenting attention to the economic reform, Sov. p. islozhu 22 no. 3 1-3 F '66.

Godunov, A. A. [Problems of the theory of industrial management] Voprosy teorii upravleniya proizvodstvom. [Leningrad] Izd-vo Leningr. univ., 1965. 108 p.

Heads of enterprises should have broad knowledge, N. Stepanov, Nar. khoz. Kazakh. 24 no. 2 64-66 F '66.

Improving the branch structure of industry in the new five-year plan, I. Klotsov, IU. Sankhkhin, Plan. khoz. 43 no. 4 10-16 Ap '66.

Increasing the effectiveness of the apparatus managing industry, V. G. Vishniakov, Sov. gos. i pravo 36 no. 3: 35-13 Mr '66.

Klepikov, V. F. [Socialist cooperation in labor] Sotsialisticheskaya kooperatsiya truda, Moskva, Ekonomika, 1966. 110 p.

Know how to count, G. Markov, Ekonom. i zhizn' 8 no. 1: 87-89 Ja '66.

Let us use unexploited production potentialities in a better way, Kommunist 42 no. 4 3-10 Mr '66.

The lies will die but the truth won't be destroyed, E. Bregei, Kommunist 42 no. 1 73-83 Ja '66.

New rights, new possibilities, G. A. Ivanov, Neftianik 10 no. 12 1-4 D '65.

Norms for the creation of the material incentive fund, I. Drize, A. Miliukov, Sots. trud. 11 no. 3 33-42 Mr '66.

Not for the index of gross output but for the consumers, S. Anufrienko, Kommunist 42 no. 1 63-69 Ja '66.

"ORP" I K" (organization, planning, and control system) is a system of organization and management, G. Zaslavskiy, NTO 8 no. 2 10-15 F '66.

On the production and conditions for the transition to a new system P. Krylov, I. Rezhitsin, D. Tsarev, Izv. zhur. 13 no. 1 55-66 Ap '66

One must study to avoid lagging, V. G. Il'yanov, Nar. khoz. Kazakh. 24 no. 2 65-66 F '66.

Organization of accounting under the new conditions, Bulg. inzh. no. 2 61-66 F '66.

The plant shifts to the new working conditions, V. Vlasov, A. Rutenburg, Plan. khoz. 43 no. 3 51-59 Mr '66.

Problems of optimum capacity in the national economy, V. Pugaev, Kommunist 42 no. 3 72-81 F '66.

Profit and its role in the stimulation of production, Sots. trud. 11 no. 3 137-141 Mr '66

Profitability and credit, Z. Atlas, Dcn. i kred. 24 no. 2 16 F '66

Promotion of workers to the industrial management positions in 1917-1920, I. I. Kabanov, Sten. i zhurnal. Volg. gos. ped. inst. no. 1 89-97 '61.

Regulation of the rate of profitability, I. L. Izhman, Z. Zhititskiy, Plan. khoz. 43 no. 3 20-36 Mr '66.

Some issues concerning government arbitration due to new measures on the administration of industry, S. Ordyanskii, Sov. iust. 30 no. 5 4-5 Mr '66.

Sources of popular initiative: facts and figures, Agitator 33 no. 3 11-12 F '66.

Standardization and efficient specialization in the consumer industry, A. M. Shapovalenko, Standartizatsiya 29 no. 12 30-40 D '65.

Standardization and the supply of materials and equipment, M. I. Tsyplakov, Standartizatsiya 29 no. 12 55 D '65.

Supplying credit to industries under the new conditions, M. Ingumam, Dcn. i kred. 24 no. 2 11-20 F '66.

Vitukov, P. A., and G. A. Gritskov. [In the main direction] Na glavnom napravlenii. [Gos. izd.] Gos. izdatel'stvo knizhnoy i zd-vo, 1962. 87 p.

(CLU) We must preserve the property of our people, V. Zakhryl, Kommunist 42 no. 1 55-62 Ja '66.

We should increase our mutual responsibility, A. Zakhrevitskiy, Agitator 33 no. 6 6-8 Mr '66

Zholkevich, A. B., and others. [Economic maneuver and methods of management] Ekonomicheskiy maneuvr i metody khoz. i upravleniya, Moskva, Ekonomika, 1966. 121 p.

INDUSTRIAL MANAGEMENT—ECONOMIC ASPECTS

At the turn, A. Vytyayev, NTO 8 no. 2 4-7 F '66.

INDUSTRIAL MANAGEMENT—LAWS AND LEGISLATION

Theoretical conference on the legal issues of management science, Sov. gos. i pravo 36 no. 1 113-118 Ap '66

INDUSTRIAL MANAGEMENT—MECHANIZATION

Let machines do engineering and managerial work (conclusion), I. Bikhulov, A. Vanchagov, Ikon. i zhizn' 8 no. 2 40-13 F '66.

Let machines do the work of engineers and administrators, I. Bikhulov, A. Vanchagov, Ikon. i zhizn' 8 no. 1 22-26 Ja '66.

INDUSTRIAL MANAGEMENT—STUDY AND TEACHING

(see also subdivision under Kazakhstan, Uzbekistan, Kirgizia, Ukraine)

Everybody should study the principles of industrial management, A. Korotkevich, Agitator 33 no. 1: 10-22 F '66.

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL ORGANIZATION

Development of industrial cooperation between sugar factories and state farms, I. P. Gubin, Sakh. prom. 40 no. 3 41-14 Mr '66.

Improving the distribution of cannery buildings on collective and state farms, N. I. Usachev, Koss. i ov. prom. 21 no. 3 32 Mr '66.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PLANTS see subdivision under Olefina

INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

(see also subdivision under Cherepovets, Vologda Province; Kiev Province)

Incentives, construction time and time set for attaining planned production capacity R. Shirlaeva, Plan. khoz. 43 no. 4 36-87 Ap '66.

INDUSTRIAL PROCUREMENT

(see also subdivision under Middle Ural Economic region; Uzbekistan; White Russia)

The Communist Party as organizer of the mutual assistance and cooperation of the Soviet peoples in the development of the national economy of Kazakhstan, 1954-1956 A. Erzhayev, Vop. ist. KP Kazakh. no. 2 39-53 '64.

Organization and planning for the supply of materials and equipment at the present stage, V. Ivanov, Vop. ekon. no. 2 61-66 F '66.

The supply system of materials and equipment and the optimization of plans for freight transportation, N. F. Khokhlov, Trudy MFT no. 215 46-53 '66.

INDUSTRIAL RELATIONS see Subdivision under United States

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY

Ermakov, P. D. [Safety measures in the repair of furnace flues] Okhiana iuda pit remonte dymovyykh tekh. [Moskva] Metallurgiya, 1966, 96 p. (Biblioteka po okhrane iuda v metallurgii)

INDUSTRIAL SAFETY—LAW AND LEGISLATION

Definition of liability under Sec 110 and Sections 211 to 216 of the Criminal Code of the R. S. F. S. R. S. Kuzina, Sov. iust. 30 no. 5 17-18 Mr '66.

INDUSTRIAL STATISTICS

The Soviet Union in the economy of the modern world A. Alekseev, I. Shitl'acv. Mli, ekon. i mezhduar. otn. no. 3 19-21 '66

INDUSTRIAL WASTES

Developing and studying the chemical process of manganese recovery from slime N. M. Gudz' Met. i koksofizm no. 3 83-90 '63

Industrial wastes should be utilized in building. V. Kravchenko, Stal. bud. 15 no. 3 19 Mr '65.

Purification of waste waters from 2-ethylhexanol production. B. A. Mikhailov, L. P. Lebedev, T. A. Novikova, Neftepr. i neftekhim. no. 2 39-42 '66.

INDUSTRIAL WASTES—PURIFICATION

Biological purification of the sewage waters from food industry enterprises. F. A. Khashanova'kyl, Khar. prom. no. 1 29-31 Ja-F '66.

Equilibrium concentrations of sulfur-containing gases in relation to the decontamination of mafic and waste waters of woodpulp and paper industries. O. I. Sokolova, V. F. Makinov. Tudy. LITTSBP no. 17 122-126 '65

Floation-type "Bayella" caicher. M. M. Dymshits. Bum. prom. no. 3 23 Mr '66.

New varieties of waste water in steelmaking. K. I. Mushkovskaya, Stal' 28 no. 2 187-189 F '66.

Structures of the biological waste water purification system in the Kotlas Combine. M. A. Evilevich, R. V. Tsvetov. Bum. prom. no. 2 15-18 F '66

INDUSTRIALIZATION

(see also subdivision under Kazakhstan)

Present-day American and English historiography of the industrialization of the U. S. S. R. I. N. Olegina, Vop. ist. 41 no. 3 53-69 Mr '66.

INDUSTRIES, LOCATION OF

(see also subdivision under Georgia; United States)

Alison, N. V., and B. G. Ostrovskii. [Chemistry and geography] Khimii i geografiya. Moskva, Znanie, 1966, 45 p. (Novos v zhizni, nauke, tekhnike. XIII Seriya; Nauka o zemle, no. 2)

Industry in the city. V. Aleksashina. Sov. nkhil. no. 17: 63-71 '65.

INDUSTRIES, LOCATION OF—BIBLIOGRAPHY see Bibliography—Industries, Location of

INDUSTRY

Principal differences between capitalist and socialist regional production-regional complexes. N. T. Agafonov, S. B. Lavrov. Vest. LGU 21 no. 6 80-87 '66.

INDUSTRY—ABSTRACTS

[Economics of Industry] Ref. sbor.: Ekon. prom. no. 3 Mr '66.

INDUSTRY AND ART see Art and Industry

INEQUALITIES (MATHEMATICS)

Algorithms for deriving general solutions to systems of linear inequalities. V. G. Kuznetsov. Zhur. vych. mat. i mat. fiz. 6 no. 2 138-142 Mr-Apr '66

Exponential method for solving a system of convex inequalities. V. D. Mazurov. Zhur. vych. mat. i mat. fiz. 6 no. 2 132-137 Mr-Apr '66

Method for solving systems of nonlinear inequalities. M. A. Germanov, V. S. Spiridonov. Zhur. vych. mat. i mat. fiz. 6 no. 2 335-336 Mr-Apr '66.

Strengthening the Dinkel-Williams inequality dealing with the norms of Banach space elements. V. I. Iuravii, Dop. AN URSR no. 1 36-37 '66.

INFANTS (NEWBORN)

Effect of neuroplegic and spasmolytic mixtures on the postnatal state of newborn infants. A. G. Guseinov, M. B. Muenbekova. Azerb. med. zhur. 43 no. 2 16-20 F '62.

INFANTS (NEWBORN)—DISEASES

Effect of hypochromic anemia of the mother on the state of the erythrocytes of the child. L. G. Afonina, T. N. Volkova, Azerb. med. zhur. 42 no. 11 23-30 N '65

INFECTION

Effect of infection on bone regeneration and formation of the amputation stump: experimental study. N. G. V'itnyshov, Klin. khir. no. 8 44-47 '65.

INFECTIOUS HEPATITIS see Hepatitis, Infectious

INFINITE SERIES see Series, Infinite

INFLAMMATION

Methodology for simultaneous studies on the anti-inflammatory effect in various types of inflammation in white rats P. P. Golikov. Farm. i lek. 27 no. 6 742-743 N-D '61

A study of treatment of patients with postoperative inflammatory infiltrates. V. I. Tashkinov. Med. rad. 11 no. 2 27-33 F '66

INFLORESCENCE

Inflorescences of the species of Ulmus L., their formation, structure, and certain problems of their evolution I. A. Grudinskaya. Bot. zhur. 51 no. 1 15-27 Ja '66
Revised developmental order of cymules in irradiated colonies of the duckweed Lemna minor. V. B. Kasinov. Dokl. AN SSSR 187 no. 1 201-204 Mr '66

INFLUENZA

(see also subdivision under Leningrad)

Use of the immunofluorescence method for early diagnosis of influenza. K. I. Shakhmatina and others. Voen.-med. zhur. no. 2 58-61 F '66

INFLUENZA—COMPLICATIONS AND SEQUELAE

Influenza meningitis. I. U. A. Romanov. Zhur. nev. i psikh. 66 no. 3 335-338 '66

INFLUENZA—PREVENTIVE INOCULATION

Vaccination reactions in persons vaccinated three times with the A2+B influenza vaccine. G. M. Dobuchacov, S. M. Borisov. Voen.-med. zhur. no. 2 53-56 F '66.

INFORMATION SERVICES—ABSTRACTS

[Scientific and technical information] Ref. zhur.: Nauch. i tekhn. inform. no. 1 Ja '66.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

Theory, foundations, and method. I. P. Dushkint. Vses. mekhn. zhur. no. 4 41-42 '65.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS—ARCHIVES

Archives and the search for scientific information. G. G. Vorob'ev. Vop. arkh. 9 no. 4 26-27 O-N '61.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS—CONSTRUCTION INDUSTRY

Organization of reference and information collections and equipment in a research and design institute. M. M. Marchovskii. Stroit. i arkh. [sbornik] no. 2 101-108 '65.

INFORMATION THEORY

Codes invariant in respect to linear conversions. I. M. Gabdulini. Radiotekhn. i elektron. 11 no. 3 433-439 Mr '66

Condition of transmission efficiency with information feedback. Z. M. Kisevskii. Radiotekhn. i elektron. 11 no. 3 536-537 Mr '66

Effect of the statistical characteristics of useful input signals on the structure of an optimal binary signal reception system. I. U. P. Kuznetsov. Radiotekhnika 21 no. 3 70-80 Mr '66.

Measure of the distinguishability of signals with noise background. V. E. Larushok. Radiotekhn. i elektron. 11 no. 4 608-616 Ap '66.

Optimal reception of signals with non-gaussian background noise. R. L. Stratovych, I. U. G. Sosulin. Radiotekhn. i elektron. 11 no. 4 570-581 Ap '66.

Reliability of the information networks of remote control systems with dispersed objects. B. O. Kastnov. Tudy. Vych. tsentra AN Azerb. SSR 3 33-48 '65.

Selecting the interrogation interval in a multichannel pulsed signal detecting system with time division of channels. V. I. Dovger. Opt.-mekh. prom. 33 no. 2. 5-9 F '66.

Some combinatorial properties of dyadic trees. L. A. Khizdor. Zhur. vych. mat. i mat. fiz. 6 no. 2 339-351 Mr-Apr '66.

Spatial isotropic filtration of correlated background noise. K. P. Kirdashev. Radiotekhn. i elektron. 11 no. 4 602-607 Ap '66.

Study of the interference rejection of some types of adaptive discriminators of measurement signals. V. A. Vitykh. Avtometriya no. 6 103-109 '65.

Uncertainty relation in radio engineering. I. T. Turbovich. Radiotekhnika 21 no. 3 6 Mr '66.

INFORMATION THEORY IN LAW

Possibilities of cybernetics in the field of law. L. B. Gal'perin, A. F. Deev. Sov. gos. i pravo 36 no. 3 142-144 Mr '66.

INFRARED APPARATUS AND APPLIANCES

Ginzburg, A. S. [Infrared technology in the food industry] Infraqrasnaia tekhnika v pishchevoi promyshlennosti. Moskva, Pishchevaia promyshlennost', 1966, 407 p.

INFRARED DRYING APPARATUS

Gas infrared radiators with porous refractory plates V. F. Zaitseva, N. V. Lesovoi, Loh. prom. no. 1 19-52 Ja-F '66.

Levin, A. M., and P. P. Gakhmulin. [Using infrared gas burners in construction and repairing operations] Prikladnye gazovyye gorilok infraqrasnogo izlucheniya pri stroitel'nykh i remontnykh rabotakh. Moskva, Stroifizdat, 1966, 29 p.

INFRARED HEATING

A new source of heat for diffusion bonding. S. M. Gurevich, G. K. Kharchenko. Avtom. svai. 18 no. 2 76-77 F '66.

Using infrared heating of the glass in inertless tempering furnaces. V. M. Ivanishvili, F. A. Voronov. Stal. i ker. 23 no. 3 7-10 Mr '66

INFRARED RAYS—INDUSTRIAL APPLICATIONS

Heat treatment of butt joints with the aid of gas infrared emitters. V. S. Loginov, G. B. Zhukov, V. V. Lian. Met. i metal. 12 no. 2 16-19 F '66.

INFRARED SPECTROMETRY

Absolute spectral measurements of solar radiation in the infrared portion of the spectrum from 3 to 13 μ . I. A. Badinov, S. D. Andreev, A. V. Poberovskii. Prib. fiz. atm. no. 3 189-202 '65.

INFRARED SPECTRUM see Spectrum, Infrared

INFRARED TECHNOLOGY

Asphalt caudron with infrared heaters. N. Utlapova. Avt. dor. 29 no. 3 20-21 Mr '66

INFUSORIA

Effect of feeding on the ratio between the genera of infusorians and the level of cellulolytic activity of the rumen contents of sheep. M. D. Pomazina, N. I. Spavtsev. Vest. sel'khoz. nauk 10 no. 7 96-99 Ji '65.

INGOT MOLDS—TESTING

Efficiency of using naturally alloyed Khaltovo iron to increase the resistance of molds. L. A. Bol'shakov and others. Stal' 26 no. 3 226-228 Mr '66

INGURI HYDROELECTRIC POWER STATION—CONCRETE DAMS

Mild hydraulic heat cement for the Inguri arch dam. P. P. Tselukidze, N. L. Monba, Z. S. Avaliani. Gid. i stol. 35 no. 2 27-29 F '65.

INHERITANCE AND SUCCESSION

Glavitski, R. [Developing plant forms and varieties by controlled change in heredity] Vyvedenie raslin i zhivotnykh na novykh putakh napravlennoy izmeneniya nasledstvennosti. Moskva, Kolos, 1966, 173 p. (DNA)

INHIBITION (CHEMISTRY)

Determining the rate of corrosion and the efficiency of inhibitors by the polarization resistance method. L. I. Antipov, M. A. Gerasimenko, I. U. S. Gerasimenko, Zashch. met. 2 no. 2 115-121 '66.

Inhibiting effect of barium dibenzylphosphite and products of its decomposition. D. Shopov, S. I. Ivanov. Kefkhemia 5 no. 3 410-416 My-Jc '65

INJECTIONS

Preparing sterile solutions in ampules in pharmacies. I. U. V. Bartolomejev. Farmats. zhur. 18 no. 6 75-77 '65.

Quality of the water used in the pharmacies of the Ukrainian S. S. R. in preparing injection solutions. Report No. 2. M. D. Denysov. Farmats. zhur. 18 no. 6 7-11 '63.

Stabilization of injections containing vitamins and other medicinal substances. Report No. 1. I. I. A. Gurevich and others. Apl. deto 15 no. 1 29-35 Ja-F '66

INJECTIONS, INTRAVENOUS

Danger of intravenous administration of morphine in cardogenic shock in patients with a myocardial infarct M. M. Lashenko, I. U. S. Kekhmanuk. Sov. med. 26 no. 1 60-64 Ja '66.

Determination of the concentration of antibacterial preparations in the blood in intravenous therapy of tuberculosis. M. N. Nemsadze, V. T. Korolenko. Probl. tub. no. 3 68-71 '65.

Side effects of intravenous administration of novocaine. G. B. Berliner. Sbor. nauch. rab. vrachei Kar. ASSR no. 4 203-205 '62.

INJECTORS—AERODYNAMICS

Calculating the air flow area of the impeller of a centrifugal injector. M. I. Mishchenko. Khim. i nef. mashinost. no. 1 19-10 Ja '66

INJURIES FROM ELECTRICITY see Electricity, Injuries from

INJURIOUS AND BENEFICIAL BIRDS see Birds, Injurious and beneficial

INLAND NAVIGATION—STUDY AND TEACHING

Motion pictures help the inland navigation workers.
A. Lunev. Prof. i tekhn. obr. 23 no. 3 18-19 Mr '66.

INLAND WATER TRANSPORTATION—ACCOUNTING see subdivision under Altai Territory

INLAND WATER TRANSPORTATION—LABOR PRODUCTIVITY

Labor productivity of the cargo-passenger fleet.
L. Ishchenko. Rech. i transp. 23 no. 6 48 Ju '61

INLAND WATER TRANSPORTATION—MANAGEMENT

Working out an optimum plan for assigning the tugboat and barge fleet to cargo lines. A. A. Soluzov, V. Z. Anan'ina. Ekon. i eksplo. mor. transp. no. 2 19-26 '65.

INLAND WATER TRANSPORTATION—PASSENGER TRAFFIC

Pay more attention to the profitability of passenger transportation. V. Vakhutsev. Rech. i transp. 23 no. 6-50 Ju '61.

Provide passengers with an exemplary service. Rech. i transp. 23 no. 6-2-3 Ju '64

INNSBRUCK, AUSTRIA—OLYMPIC GAMES

[Olympic year. Innsbruck 1964, the ninth winter Olympic games, Tokyo 1964, the eighteenth summer Olympic games] God Olimpijskii: Innsbruck 1964 devintye zimnie Olimpijskie igry, Tokio 1964 yosemdatsatse letnie Olimpijskie igry. Moskva, Fizkul'tura i sport, 1963. 481 p. illus.

INSECT BATES AND REPELLENTS

Positive reaction of mosquitoes and oniscoidans to repellents. A. M. Dubitskii. Izv. AN Kazakh. SSR, Ser. biol. nauk 4 no. 1:53-58 Ja-F '65.

INSECT POPULATIONS

Origin and breakdown of the reproductive isolation and the criterion of a species. G. Kh. Shaposhnikov. Ent. obozr. 45 no. 1:3-35 '66.

INSECTICIDES

Cytogenetic effect of some organochlorine insecticides on the cell nuclei of the murine marrow. D. S. Makarlan. Genetika no. 1:32-137 Ja '66.

Effect of sublethal doses of chemical poisons on grain pests. A. A. Bradnala, A. N. Chudinova, N. I. Anoskina. Ent. obozr. 45 no. 1:83-94 '66.

Effectiveness of insecticides against the Colorado beetle. G. N. Zhigayev, N. A. Gorokhovskii. Khim. v sel'. khoz. 4 no. 3:34-35 Mr '66.

Practical field testing of new insecticides and acaricides in controlling cotton and corn pests. N. L. Ivanovskii. Trudy i s'tazh. 2:5-11 '64.

Use of tetrachloromethane-3 in hypodermosia. V. I. Ternovoi and others. Veterinarnaia 42 no. 1:43-44 Ja '66.

INSECTICIDES—TOXICOLOGY

Clinical morphological characteristics of some endocrine disorders under the effect of chlororganic insecticides. C. P. Krasnik, E. I. Matkovskaya. Sov. med. 29 no. 2: 92-97 F '66.

Study of the comparative toxicity of some contact preparations. K. S. Razmadze. Soob. AN Gruz. SSR 41 no. 1:157-163 Ja '66.

INSECTS—DEVELOPMENT

Evolution of insects in the transition to a passive distribution and the principle of involution in phlogogenetic development. M. S. Giliarov. Zool. zhur. 45 no. 1:3-23 '66.

Morphological characteristics of Cheylotidae (Acarina, Trombidiformes) and their development in ontogeny. V. I. Volgin. Ent. obozr. 45 no. 1:217-231 '66.

Seasonal changes in the reaction to temperature of mated females of *Ixodes ricinus* L. (Ixodidae). V. N. Belozorov, V. E. Bogdanov, N. V. Kvilko. Vest. LGU 21 no. 3:37-44 '65.

INSECTS—FOOD

Materials on the food specialization of dendrophilous leaf rollers and snout beetles (Atelabidae, Curculionidae) of Moscow Province. E. I. A. Roginskaya. Ent. obozr. 45 no. 1:38-50 '66.

INSECTS—PARASITES see Parasites—Insects

INSECTS, INJURIOUS AND BENEFICIAL see subdivision under Russia, Southern

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Staining crystals, spores, and vegetative cells of entomopathogenic bacteria. G. M. Ivanov, A. B. Gukhman. Mikrobiologiya 35 no. 1:178-180 Ja-F '65.

INSECTS, INJURIOUS AND BENEFICIAL—CONTROL

Use of ultraviolet radiation in plant protection. M. I. Zhigal'tseva, S. M. Chernobrovina. Elek. obr. mat. no. 1:78-81 '65.

INSTRUMENT INDUSTRY—MANAGEMENT

(see also subdivision under Ukraine)

Basic trends in mechanization and organization of conveying of assembly processes in the instrument industry. I. P. Suloplatov. Avt. prom. 32 no. 2 38-40 F '66.

INSTRUMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS

All-Union survey of mechanics-innovators in the machinery and instrument industries. M. A. Shvarts. Vest. mashinostr. 46 no. 3:84-85 Mr '66.

INSTRUMENT MANUFACTURE

Modernization of self-contained and room air-conditioner units for use in precision assembly shops. P. I. Morozov, N. I. A. Raulin. Khol. tekhn. 13 no. 3 43-46 Mr '66.

INSTRUMENTS

[EKA, encyclopedia of measurements, control, and automation] EKA, entsiklopedia izmerenii kontrolya i avtomatizatsii. Moskva, Energiia. No 5 1965 79 p.

INSTRUMENTS—DESIGN AND CONSTRUCTION

Determining labor consumption in designing new instruments. V. N. Mosin, V. A. Gurov. Vest. mashinostr. 46 no. 3:75-76 Mr '66.

INSTRUMENTS—RELIABILITY

Increasing the reliability of instruments and machines. G. P. Piskin. Standartizatsia 20 no. 12:33-34 D '65.

INSULATING MATERIALS

Bushch, L. I., and K. I. Khokholev. [Heat insulating materials for construction, a reference manual] Teploizolatsionnye materialy dlia stroitel'stva; svoystva i posobie. Kiev, Budivohyik, 1966. 187 p.

INSULATING OILS—ANALYSIS see subdivision under Peachany Island

INSULATING PAPER—TESTING

Effect of heating of the changes in the electric conductivity of cable paper. A. I. Bobrov, M. I. Vilovtova. Bum. prom. no. 2:5-7 F '66.

INSULATION (HEAT)

Heat insulation of slide tubes in heating furnaces. L. A. Tsel'nik. Metallurg 11 no. 3:33 Mr '66.

Installation of heat insulation and outer walls. S. T. Voronkov, D. Z. Isuev, M. G. Cherniakov. Energ. stroit. no. 45:31-38 '64.

Installation of heat insulation and outer walls. S. T. Voronkov, Z. M. Simanovskii, M. G. Cherniakov. Energ. stroit. no. 45:95-98 '64.

Preliminary results of studies of the heat insulating qualities of a semidetached house of plastic construction. G. K. Avdeev. Nauch. trudy AKKH no. 31 Zhil. khoz. no. 3 110-120 '64.

Work of the heat insulating plate plant in Gladkoye. A. M. Kuznetsov and others. Turf. prom. 43 no. 2 13-16 '66.

INSULIN

Estimation of molecular weights of blood plasma components with insulinlike activity. L. V. Dmitrenko, L. L. Liberman, T. I. Vinokurova. Vop. med. fiziol. 12 no. 1: 98-102 Ja-F '66.

Indications for the use of globin-zinc-insulin in diabetes mellitus. I. M. Orudzhev, T. A. Alov. Azerb. med. zhur. 43 no. 3:63-67 Mr '66.

INSULIN SHOCK

Lesion of the nervous system in hyperinsulinism (syndrome of internal amyotrophic sclerosis in adenoma of the pancreas). E. S. Averbukh, V. L. Efimenko. Zhur. nevro. i psikh. 65 no. 3 415-450 '66.

INSURANCE, AGRICULTURAL

Expand the State Insurance Administration's sphere of responsibility. E. Kolomin. Fin. SSSR 40 no. 3:52-56 Mr '66.

INSURANCE, AGRICULTURAL—CROPS

Interests of collective farm production demand. A. Shubin-skii. Fin. SSSR 40 no. 3:56-59 Mr '66.

INSURANCE, SOCIAL

Consultation on the problems of social insurance. Razved 1 otkh. nedr. 31 no. 1:58-59 N '65.

Social insurance of collective farmers. A. A. Ruskol. Sov. gos. i pravo 36 no. 1:92-99 Ap '66.

INSURANCE, SOCIAL—LAWS AND LEGISLATION

[Soviet pension insurance] Sovetskoe pensionnoe obespechenie. Moskva, Iuridicheskaya literatura, 1966. 447 p.

INTAKES (HYDRAULIC ENGINEERING)

Mechanism of a river current and the protection of intake structures from alluviation. G. G. Adamenko. Izv. vys. ucheb. zav. i stroit. i arkhit. 9 no. 1 115-120 '66.

Results of laboratory studies of the work regime of an improved type of lateral intake. B. T. Zhananmuratova. Probl. gidroenerg. i vod. khoz. no. 3:164-181 '65.

INTEGRAL EQUATIONS

Development of a generalized method for calculations of long-term regulation of streamflow on the basis of integral equations. V. A. Kiklenko, L. N. Oshirov. Probl. gidroenerg. i vod. khoz. no. 3:74-93 '65.

Study of the positive solutions to systems of nonlinear integral equations nonlinearly depending on the parameter. S. A. Shilov. Uch. zap. Tskh. gos. un. no. 28:11-41 '64.

Theory of Fredholm equations of the first kind. Nguyen Thua Hop. Dokl. AN SSSR 166 no. 1 795-707 F '65.

Use of the variational method in deriving an equation describing the binary distribution functions. V. V. Vasilii. Trudy VZEL no. 17 45-55 '61.

INTEGRALS

Approximation of periodic analytic functions by certain singular integrals. L. A. Ivanovich. Vest. AN BSSR, Ser. fiz.-mat. nav. no. 1:67-81 '66.

Tables of Carson integrals for use in the calculation of wave processes in lines with consideration of the ground. L. S. Perepl'man. Izv. NIPT no. 11 343-360 '65.

Tables of generalized Rayleigh distributions. V. I. Klimov. Izv. S. Kraichuk. Izv. NIPT no. 11:391-390 '65.

Theorem on linear integrals for an extreme length. P. M. Tamrazov. Dop. AN URSS no. 1:51-54 '60.

Use of bi-integrals in the approximate solution of boundary value problems for ordinary differential equations. Kh. Durdyev. Izv. AN Turk. SSR, Ser. fiz.-tekhn. i khim. i geol. nauk no. 6:25-32 '65.

INTEGRALS, GENERALIZED

Relationship between two types of Kolmogorov integrals. D. P. Pitsenko. Usp. mat. nauk 20 no. 5:237-242 S O '66.

INTEGRALDIFFERENTIAL EQUATIONS

An integrodifferential equation. A. A. Mitroshin. Mat. sbor. 69 no. 3:321-327 Mr '66.

Linear and nonlinear loaded integrodifferential equations. S. P. Kovaleva. Gidromekhanika no. 2 61-68 '65.

Properties of the operator of translation over the trajectories of systems of integrodifferential equations. T. Nurekonov. Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk 4 no. 1:43-47 Ja-Mr '66.

A system of integrodifferential equations. K. Kabyd-kulov. Vest. AN Kazakh. SSR 22 no. 3:70-74 Mr '66.

INTEGRALDIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Asymptotic behavior of the Cauchy problem for an integrodifferential equation containing a small parameter with the derivative. Sib. mat. zhur. 7 no. 1 61-69 Ja-F '66.

Solution of the kinetic transport equation using the fractional step method. U. M. Sultanagazin. Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk 4 no. 1:31-39 Ja-Mr '66.

INTEREST AND USURY see subdivision under United States

INTERFEROMETRY

The isobaric isothermal diffusion coefficients of certain gases. N. D. Kosov, L. I. Kurlov. Zhur. tekhn. fiz. 35 no. 1:2120-2125 N '65.

INTERMETALLIC COMPOUNDS

Chromium germanides Cr_3Ge_2 , Cr_2Ge_3 , and CrGe . V. L. Zagladskii, A. K. Shchegolev, P. V. Gol'd. Izv. AN SSSR Neorg. mal. 2 no. 2 251-254 F '66.

Phase transitions of intermetallic compounds under the effect of electrolyte solutions. I. K. Marshakov and others. Elektrokhiimiia 2 no. 2:254-268 F '66.

Preparing molybdenum and chromium germanides and studying some of their properties. V. N. Bondarov. Porosh. met. 6 no. 1:35-40 Ja '66.

Rate of beryllium vaporization during the dissociation of cerium boride. V. M. Amosenko and others. Izv. AN SSSR, Met. no. 1:100-102 Ja-F '66.

Selective isolation of metal compounds from multicomponent ternary alloys. R. B. Golubtsova, Izv. AN SSSR, Met. no. 1:136-138 Ja-F '66.

INTERNAL COMBUSTION ENGINES

Investigating processes in the exhaust systems of two-cycle composite engines. A. S. Orlov, O. V. Terskii. Vest. mashinostr. 46 no. 3:25-30 Mr '66.

Investigating the radial sealing of a rotary engine. N. I. Kormilov, V. P. Timoshenkov. Samoletostroi. i tekhn. vozd. flota no. 4:10-18 '65.

Mogil'nitski, I. P. [Installations of internal combustion engines in the petroleum and gas industries] Ustankovki dvigatel' vnutrennego sgoraniia v neftianoi i gazovoi promyshlennosti. Moskva, Nedra, 1965. 231 p. (Biblioteka neftianika-energetika)

Profile of the stator of a rotary internal combustion engine circumscribed by circumferential arcs and straight lines. N. I. Kormilov. Samoletostroi. i tekhn. vozd. flota no. 1 54-67 '65.

Selecting rated revolutions for a combined engine. V. G. Diachenko. Dvig. vnutr. sgor. no. 1:11-17 '65.

INTERNATIONAL COMBUSTION ENGINES—ABSTRACTS

International combustion engines [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—COOLING

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INTERNATIONAL COMBUSTION ENGINES—FUEL SYSTEMS

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Use of metal screws for osteosynthesis in oblique and spiral fractures of the long tubular bones [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

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International Workingmen's Association, General Council [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

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INTERNATIONAL COMBUSTION ENGINES—LABOR ORGANIZATION

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INTERNATIONAL COMBUSTION ENGINES—LAW

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INTERNATIONAL COMBUSTION ENGINES—RELATIONS

Belga policy propaganda of imperialism [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Uneven nature of capitalist development and the sharpening of imperialist contradictions [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—BIBLIOGRAPHY

Bibliography—International relations [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—SOCIALIST CONGRESS

Academy of Sciences, Institute of History of the Second International [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—ISOLATION

Isolation of the internationalist [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INTERPOLATION

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The S_p^1, S_p^2, S_p^3 classes, Imbedding and extension theorems [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—DISK—DISEASES

Degenerative changes in intervertebral disks after recovery from a spinal fracture [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INTESTINAL AND PARASITIC WORMS

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Intestinal function at late dates following the resection of stomach for cancer [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Mechanism of the joint absorption of glucose, glycine, and sodium chloride in the small intestine in dogs [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Some regularities of the glucose absorption from the small intestine [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—CANCER

Evaluation of X-ray anatomical data for the planning of conservative surgery in cancer of the distal section of the intestine [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Leiomycosis of the large intestine and rectum: 2 observations [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Palliative resections in cancer of the colon and rectum [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Tumor of the small intestine complicated by a fistula [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—DISEASES

Case of phlegmon of the small intestine produced by fecal calculi [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Pathology of fat deposits in the large intestine in the clinical picture of "acute abdomen" [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Phlegmon of the intestine [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Some characteristics of the course of intestinal infections and invasions (epidemic hepatitis, dysentery, colicenteritis and lambliasis) in patients with hymenolepiasis [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—DIVERTICULA

Partial exclusion of the duodenum with complete intercession of the descending part in the surgical treatment of duodenal diverticula: experimental study [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INNERVATION

Electrophysiological analysis of the afferent innervation of the ileocecal region of the intestines [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—OBSTRUCTIONS

Formation of volvulus [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—SECRETIONS

Mechanism of the action of potassium bichromate on the secretory and motor function of the intestine [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—SURGERY

Evaluation of X-ray anatomical data for the planning of conservative surgery in cancer of the distal section of the intestine [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Palliative resections in cancer of the colon and rectum [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Surgical procedure for the resection of intestinal mucous membrane in dogs under conditions of a chronic experiment [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Use of various methods in the study of the secretion of intestinal enzymes in sheep [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—TRANSPLANTATION

Some data on the state of metabolism following regular gastrectomy and gastropasty using the large intestine [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Study of the evacuating motor function of the digestive tract following the resection of the stomach substituted by a segment of the large intestine [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—TUMORS

Inflammatory tumors of the large intestine of amebic origin [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INTRATRACHEAL ANESTHESIA

Control of external respiration during surgery [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INTRAVENOUS INJECTIONS

Intravenous injections [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INVA VALLEY—ALLUVIUM

Origin of the so-called glacial sediments in the Inva basin [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INVENTIONS

Author's certificates for Soviet inventions [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Ivich, Aleksandr. [Adventures of inventions] Priklucheniya izobretenii. Moskva, Deistva literatura, 1966, 203 p.

Science, inventions, and industrial enterprises [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INVENTIONS—CLASSIFICATION

Essential technical inventions [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INVENTIONS, EMPLOYEES

The "honesty" of inventions and the remuneration of inventors [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INVESTMENTS, BELGIAN

International positions of Belgian financial capital [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—INVESTMENTS, BRITISH

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INTERNATIONAL COMBUSTION ENGINES—INVESTMENTS, FOREIGN

Underdeveloped areas [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—IOANN, BISHOP OF SYZRA

Nomination and consecration of Archimandrite Ioann (Synchev) as Bishop of Syzran [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—IODINATION

Kinetics and mechanism of iodination of aromatic amino compounds by iodine chloride in aqueous hydrochloric acid solutions [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—IODINE

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Catalytic action of diethyldithiocarbamate on iodine-azido reaction in nonaqueous media [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

Electrophilic substitution at a saturated carbon atom. Kinetics of the reaction of benzyl mercury chloride with iodine [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—IODINE—PHYSIOLOGICAL EFFECT

Study of complete nitrogen metabolism in chicks as related to their feeding with iodine preparations [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—IODINE CHLORIDES

Solubility isotherm in the system $RbCl - ICl - H_2O$ at 25°C [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

INTERNATIONAL COMBUSTION ENGINES—IODINE ISOTOPES

Chemical forms of stabilization of radioactive iodine atoms formed during irradiation of cesium chloride crystals by 660 MeV protons [Ref. zhur. Dvig. vnutr. gor. no. 2 F '66]

IODINE ISOTOPES—PHYSIOLOGICAL EFFECT

Study of the thyroid gland and hypophysis in rats following the administration of radioactive iodine of varying doses. V. Panin, N. Stolic. *Tsitologiya* 8 no. 117-23 Jan-F '68

IODINE ISOTOPES IN THE BODY

Effect of dipin on the absorption of radioactive iodine by the thyroid gland in rats. S. M. Volodarskaia, V. A. Chernov. *Vop. onk.* 12 no. 3 60-63 '66

IODOMETRY

Iodoholometric method for quantitative determination of osarol in a pure preparation and in tablets. P. P. Suprun. *Farmatsiev zhur* 18 no. 6 11-14 '63

IODONIUM COMPOUNDS

Iodonium derivatives of β -diketones. Part 9. Reaction of phenylhydrazide acetate with acetylacetic acid esters. O. Neldand, B. Karele. *Zhur. org. khim.* 2 no. 3 488-492 Mr '66

ION BEAMS

Focusing properties of an electrostatic mirror with a cylindrical field. V. V. Zashkvara, M. I. Korsunskii, O. S. Kosmachev. *Zhur. tekhn. fiz.* 38 no. 1132-138 Ja '66

Theory of the stability of an ion beam injected in a plasma across a magnetic field. A. B. Mikhailovskii, E. A. Pashitskii. *Zhur. tekhn. fiz.* 35 no. 111980-1971 N '65

Use of a semiconductor radiation detector in recording beams of hydrogen ions. N. N. Bievnov, I. U. S. Maksimov, V. S. Tsypchenko. *Atom energ* 20 no. 2 149-151 F '66

ION BOMBARDMENT

Energy distribution of electrons emitted from films made of alkali halide compounds under He⁺ and Ar⁺ ion bombardment. U. A. Arifov and others. *Izv. AN Uz. SSR, Ser. fiz., -mat. nauk* 10 no. 151-55 '66

ION EXCHANGE

Effect of the salt form of anionites and solution composition on cation sorption by some anionites. G. V. Muromtseva, K. M. Oshanova, V. D. Kopylova. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 8 no. 6 636-639 '65

Investigating the anion exchange recovery, separation and refining of platinum metals from hydrochloric acid solutions. E. I. Kazantsev, A. A. Davletshin. *Izv. vys. ucheb. zav., tsvet. met.* 9 no. 159-61 '66

Ion-exchange fission of uranium and rare earth elements. V. A. Nikashina and others. *Atom. energ* 20 no. 110-16 Ja '66

Ion exchange in solutions of acetic and formic acids. M. K. Nikitin, E. Ostyk-Narbut, S. B. Tomilov. *Vest. LGU* 21 no. 4 149-151 '66

Ion exchange on ferrocyanides deposited on a solid support. I. K. Karpova, E. V. Kazakov. *Vest. LGU* 21 no. 4 159-160 '66

Ion-exchange separation of molybdenum, tungsten, vanadium, and rhodium. M. V. Darbinian, A. A. Daniellian. *Izv. AN Arm. SSR, Khim. nauk* 17 no. 5495-500 '64

Leningrad, Universitet. [ion exchange] *Izvestiya obmen. [Leningrad] 1965* 100 p.

Scandium sorption from aqueous acetone solutions of some mineral acids. G. D. Brykina, I. P. Alimarin, T. A. Belavskaya. *Radiochim. fiz.* 8 no. 110-112 '66

Separation of platinum and rhodium by anion-exchange extraction. L. M. Gindin, S. N. Ivanova, L. A. Mironova. *Izv. SO AN SSSR no. 11, Ser. khim. nauk* no. 3 157-159 '64

Sorption of pentavalent vanadium from the solutions of hydrofluoric acid by anionites. V. S. Pakholkov. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 8 no. 6 940-944 '65

Use of ion exchange membranes in molasses purification by electrodialysis. R. TS. Mishchuk, I. M. Lilvak. *Sakh. prom.* 40 no. 4 26-30 Ap '66

ION EXCHANGE—DYNAMICS

Theory of ion exchange dynamics. Part 8. V. V. Rachinskii, K. M. Saidadze, S. M. Rustamov. *Zhur. fiz. khim.* 40 no. 3 599-602 Mr '66

ION-EXCHANGE RESINS

Analysis of ludwigite by a rapid complexometric method using ion-exchange resins. M. G. Pogorelova. *Zhur. anal. khim.* 21 no. 2 235-236 '66

Catalytic effect of cation-exchange resins in alkylation reaction. O. N. Tsvetkov and others. *Dokl. AN SSSR* 187 no. 1 115-118 Mr '66

Germanium sorption from weak alkaline solutions. A. S. Cherniak, E. M. Esmont. *Izv. SO AN SSSR no. 11, Ser. khim. nauk* no. 3 85-90 '64

Irodov, M. V., and others. [Experience in the use of ion-exchange resins in the production of glycerin] *Opyt primeneniia ionobmennyykh smol v proizvodstve glicerina*. Moskva, TsINTipishechprom, 1965. 43 p. Modification of a tubeless method of the examination of gastric contents using quinine-impregnated ion-exchange resins. S. B. Korostovisev and others. *Sov. med.* 27 no. 5 659-69 My '64

Reaction of isobutylene and pentenes with formaldehyde in the presence of cation exchanger KU-2. V. I. Isagullants, M. G. Safarov. *Neftekhimiya* 5 no. 4 545-548 Ji-Ag '65

ION-EXCHANGE RESINS, EFFECT OF RADIATION ON

Method of irradiation of ion-exchange resins by a horizontal fast electron beam. P. E. Tupov and others. *Zhur. fiz. khim.* 40 no. 3 748-750 Mi '66

ION EXCHANGERS

Behavior of a hydroxy form of strongly basic anion exchangers AV-17 and AV-27 on heating in water and some alcohols. M. A. Shabunov, K. M. Saidadze. *Zhur. fiz. khim.* 40 no. 3 561-567 Mr '66

Mechanism of formation and structure of anion K-4 membranes. F. T. Shostav and others. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4 81-88 O-D '64

State of selenium (IV) and tellurium (IV) ions in solutions. D. S. Galbani, M. V. Darbinian. *Izv. AN Arm. SSR, Khim. nauk* 17 no. 5 501-501 '61

Synthesis of homogeneous ion-exchange membranes by grafting α -phenylphosphinic acid into insoluble polyvinyl alcohol films. G. S. Kolesnikov and others. *Vysokom. soed.* 8 no. 2 297-301 F '66

Use of a fluidized bed for the fractionation of ionite granules. M. S. Vozneshev. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 8 no. 6 1019-1025 '65

ION SOURCES

System of gas supply to an ion source in an electrostatic generator. A. V. Andosov, G. M. Osafinski, I. A. Chepurchenko. *Atom. energ* 20 no. 2 165-166 F '66

IONIC CRYSTALS

Diffusion of Tl⁺ ions in KCl and CsI single crystals. O. R. Dobrovyn'ska, N. M. Podoroshan'ska. *Ukr. fiz. zhur.* 11 no. 2 227-229 F '66

Polymer adsorption of water on the surface of ionic crystals. O. M. Rozenal'. *Koll. zhur.* 28 no. 1112-115 Ja-F '66

IONIC SOLUTIONS

Liquid-phase catalytic reactions in an electrochemical field. I. A. Dorfman, D. V. Sokol'skii. *Dokl. AN SSSR* 167 no. 1 102-105 Mi '66

Relaxation of protons and deuterons in aqueous solutions of pentavalent molybdenum. R. K. Maritov. *Dokl. AN SSSR* 166 no. 5 1158-1161 F '66

IONIZATION

Coefficient of the surface ionization of fast secondary particles. U. A. Arifov, Kh. Kh. Khadzhiukhamedov, A. Kh. Afukhanov. *Izv. AN Uz. SSR, Ser. fiz., -mat. nauk* 10 no. 1 57-61 '66

Dissociative charge exchange and ionization in collisions between neon atoms and ions in carbon monoxide. G. N. Ogurtsov, I. P. Flaks. *Zhur. tekhn. fiz.* 36 no. 1117-122 Ja '66

Effect of ionized radiation and other factors on the rate of topochemical processes of decomposition of various inorganic compounds. V. A. Gordeeva and others. *Kin. i kint.* 7 no. 1 152-56 Ja-T '66

Instability constants of complexes unstable with time. R. I. Novoselov, R. V. Pitiayn. *Zhur. neorg. khim.* 10 no. 10 2282-2285 O '65

Ionization and scattering with characteristic energy losses in atomic collisions. V. V. Afrosimov and others. *Zhur. tekhn. fiz.* 36 no. 1123-131 Ja '66

Ionization in collisions of slow atoms. L. I. Podlubnyi. *Izv. vys. ucheb. zav., fiz.* 9 no. 1 37-41 '66

Simultaneous ionization of lithium fluoride molecules and calcium, neodymium, and indium atoms on a tungsten surface. M. A. Mitsev. *Zhur. tekhn. fiz.* 36 no. 11217-2110 N '66

Surface ionization of atoms on silicon. E. I. A. Zandberg, V. I. Paleev. *Zhur. tekhn. fiz.* 36 no. 11202-2098 N '65

Using the method of induced ionization in removing dust from the air. N. D. Kiselev, A. P. Nikulina-Kiseleva. *Mashinostroitel'* no. 3 38-40 Mb '66

IONIZATION CHAMBERS

Effect of a space charge in a proportional counter. Part 1. S. V. Viktorov, G. E. Kocharov. *Izv. AN SSSR, Ser. fiz.* 30 no. 3 469-471 Mr '66

IONIZATION OF GASES

Ionization of gases ionized by alkali metal ions. I. P. Flaks, B. I. Kikiani, G. N. Ogurtsov. *Zhur. tekhn. fiz.* 36 no. 112076-2082 N '65

IONIZED GASES see Gases, Ionized

IONONE

Some transformations of β -ionone dimethyl ketal. B. M. Mikhailov, G. S. Ter-Saksian. *Izv. AN SSSR, Ser. khim.* no. 2 341-343 '66

IONOSPHERE

Ionosphere, radio, artificial earth satellites. I. A. L. Alpert. *Zem. i vesl.* 2 no. 12-9 Ja-F '66

Measuring the drift of ionization inhomogeneities in the ionosphere. G. G. Dzhamilev, E. K. Vasil'ova, B. D. Rozensteig. *Izv. AN Turk. SSR, Ser. fiz., -tekh., khim. i geol. nauk* no. 6 109-111 '65

Parameters of the inhomogeneities of the shielding and translucent types of Es. O. Ovezg'diyev. *Izv. AN Turk. SSR, Ser. fiz., -tekh., khim. i geol. nauk* no. 6 102-67 '65

IONOSPHERIC RADIO WAVE PROPAGATION

Determining frequency changes of electromagnetic waves reflected by the ionosphere. I. V. Arsenov. *Trudy, inst. kom. stud., mek. i fiz. prof. no. 77* 99-101 '65

Ionosphere, radio, artificial earth satellites. I. A. L. Alpert. *Zem. i vesl.* 2 no. 12-9 Ja-F '66

Measurement of the regular refraction of radio waves in the ionosphere by means of the signals of radio stations. L. L. Kolkun, I. U. A. Kovina. *Radioelektronika* 11 no. 3 139-141 Mi '66

Radio forecasting and radio communication. M. S. Brik, V. P. Shitarev. *Vest. profsoyuzov nauch. i tekhn. Ja '66*

Use of the minimum reflection frequency for radio wave radio-wave absorption. V. M. D. Iatskii. *Dokl. Akd. i Ant. 11* no. 21 197-98 '65

IONOSPHERIC RESEARCH

Research at the Institute of Radio Engineering and Electronics of the Department of General and Applied Physics. V. P. Semenov. *Vest. AN SSSR* 36 no. 1 110-115 '66

IONS

Deceleration of ions in an arc discharge in a magnetic field. V. B. Glazko and others. *Zhur. tekhn. fiz.* 36 no. 112083-2091 N '65

Energy spectra of atoms dispersed from tungsten crystals by mercury ions. M. B. Ben'tamir, B. H. A. Shunianski. *Izv. AN Uz. SSR, Ser. fiz., -mat. nauk* 10 no. 2 58-62 '66

IONS—EMISSION

Angular dependence of the coefficient of secondary electron emission. U. A. Arifov, A. A. Arifov, A. Kh. Afukhanov. *Izv. AN Uz. SSR, Ser. fiz., -mat. nauk* 10 no. 1 11-15 '66

IONS—MIGRATION AND VELOCITY

Electromigration method for determining the concentration of alkali metal ion association with a ferrocyanide ion. V. P. Shvachov, G. P. Nichugovskii. *Radiochim. fiz.* 36-73 '66

Measurement of migration ration in aqueous solutions of electrolytes. E. A. Kalinikov, N. L. Vaynshteyn, Usp. khim. 35 no. 2 201-226 F '66

Transfer number, mobility, and hydration of lithium ions in highly concentrated Li₂SO₄ solutions. V. P. Tishin. *Elektrokhimiya* 2 no. 2 232-231 I '65

IONS—SCATTERING

Chemical analysis by the method of scattering in a wide angle. S. A. Karaman, I. A. Shukurov. *Atom. energ.* 20 no. 1 50-57 Ja '66

IOVSKII, ALEKSANDR ALEKSEEVICH, 1750-1857

Role of A. A. Iovskii and A. P. Neftukhin in the development of the technology of medicinal forms and galenicals. A. M. Fil'din. *Apl. dolo* 14 no. 3 77-82 My-Je '65

IPRONAZID—PHYSIOLOGICAL EFFECT

Effect of amiriz, ipronazide and nitroglycerin on the coronary circulation in experimental animals of the coronary vessels. E. A. Bendikov. *Farm. i toka* 77 no. 6 696-699 N-13 '64

IRAN—ISLAMIC SECTS

From the history of social movements in cities of the Safavid state, the Nukta'i movement. K. K. Khatami. *Nar. Az. i Afr.* no. 2 69-75 '66

IRBEYSKOYE DISTRICT—BOTANY

Characteristics of the vegetation in the northern part of the northern piedmont of the Fergana Sayan. P. P. Pavlovskaya. *Rast. pokr. Krav. Kraia* no. 2 49-62 '65

IRELAND—ECONOMIC GEOGRAPHY

Iakovlev, N. N. [Ireland] *Irelandia*. Moskva, Gos. izd. vo geogr. lit-ry, 1957. 47 p. (U karty mira)

IRELAND—SINN FEIN REBELLION, 1916

"Red Easter." A. D. Kolpakov. *Vop. ist.* 41 no. 4 213-216 Ap '66

IRINEI, Bishop of West Germany, 1910-

Address of His Holiness Patriarch Atekill upon bestowing the prelate cross on Irinei, Bishop of West Germany. *Zhur. Mosk. Patr.* no. 3 10-11 '66

Nomination and consecration of Archimandrite Irinei (Zuzenil') as Bishop of West Germany. *Zhur. Mosk. Patr.* no. 3 11-15 '66

IRKUTSK—ALUMINUM INDUSTRY—MANAGEMENT

The plant committee and the scientific organization of labor. K. Nikolaev. *Sov. profsoyuzy* 22 no. 4 7-8 F '65

IRKUTSK—COLD STORAGE WAREHOUSES

Work of efficiency promoters in the Irkutsk Cold Storage Warehouse. G. M. Shmelev. *Khol. tekhn.* 43 no. 3 15-17 Mi '66

IRKUTSK—CONSTRUCTION INDUSTRY—MANAGEMENT

Don't fail to keep up with demands of life. N. Galstarov. *Ekon. stroit.* 8 no. 4 44-46 Ap '66

IRKUTSK—ELECTRIC LOCOMOTIVES—CURRENT SUPPLY

Setting norms for electric power consumption dependent on the load per axle, from the experience of the locomotive depot of Irkutsk-Sotirovochny K. T. Katkov. Elek. i topl. tsiaga 10 no. 3:11-12 Mr '66.

IRKUTSK BASIN—SAPROPELITES

Sapropelites of the Irkutsk Basin V. V. Tutulina Trudy IPT no. 2:127-135 '61

Thermal plastification of sapropelites from the Budagovo deposit. V. V. Tutulina, L. I. Pavlova Trudy IPT no. 2:136-142 '61

IRKUTSK HYDROELECTRIC POWER STATION—DAMS

Results of investigations of the state of the clay core of the run-of-river earth dam of the Irkutsk Hydroelectric Power Station. A. A. Glaz', K. B. Kondrat'eva. Izv. VNIIG 77:165-173 '65.

IRKUTSK PROVINCE—AGRICULTURE

Prospects for the development of agriculture in Irkutsk Province. A. V. Gritsenko. Zemledelie 28 no. 2:5-14 F '66.

IRKUTSK PROVINCE—CULTURE

Silinskii, P. P. [Prospects for the development of the economy and culture of Irkutsk Province during the new five-year plan, 1966-1970] Perspektivy razvitiia ekonomiki i kul'tury Irkutskoi oblasti v novom platiletii, 1966-1970 gg. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 96 p.

IRKUTSK PROVINCE—ECONOMIC POLICY

Silinskii, P. P. [Prospects for the development of the economy and culture of Irkutsk Province during the new five-year plan, 1966-1970] Perspektivy razvitiia ekonomiki i kul'tury Irkutskoi oblasti v novom platiletii, 1966-1970 gg. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 96 p.

IRKUTSK PROVINCE—GRAIN HANDLING

Continuous processing of grain and grain waste at the grain receiving stations of Irkutsk Province. A. Chak. Zakup. sel'khoz. prod. no. 7:27-28 Ji '65

IRKUTSK PROVINCE—JOINTS (GEOLOGY)

Problems of fluid flow in a fractured medium and inflow intensification. A. N. Zolotov, V. V. Kazanskii. Nefteprom. delo no. 3:3-5 '66.

IRKUTSK PROVINCE—OIL SANDS—PERMEABILITY

Problems of fluid flow in a fractured medium and inflow intensification. A. N. Zolotov, V. V. Kazanskii. Nefteprom. delo no. 3:3-5 '66.

IRON—ANALYSIS

Means of determining iron in solutions using the method of luminescence. B. S. Ostrov. Izv. vyz. ucheb. zav., i geol. i azzv. 9 no. 1:48-53 Ja '66.

IRON—CORROSION

Corrosion of iron in melts containing acid alkali metal and zinc phosphates. V. P. Kochergin, Z. A. Shevrina. Zashch. met. 2 no. 2:188-193 '66.

Studying the corrosion of iron and its alloys in chlorine and sulfur dioxide by the thermographic method. I. K. Tovmas'ian, B. S. Shevchenko, N. M. Gontmakher. Zashch. met. 2 no. 2:194-200 '66.

IRON—METALLURGY

The reduction of fused sinter by natural gas. Report No. 1. O. I. Kostelov, S. T. Rostovtsov, O. A. Stapanov. Izv. vyz. ucheb. zav., i Chern. met. 9 no. 2:14-19 '66.

IRON AGE see subdivision under Dnieper Valley

IRON ALLOYS

Internal stress fields in deformed ferrosilicon crystals. V. F. Novikov, D. D. Mikhlin. Izv. vyz. ucheb. zav., i fiz. 9 no. 1:191-192 '66.

Preparation of exothermic ferroalloys. E. I. Isaev, I. U. I. Leusov, V. V. Oleksenko. Met. i koksokhim. no. 3:133-136 '65.

Shapes of the electrocapillary curves of cast irons and steels in contact with molten oxides. A. A. Deriablin, S. I. Popov. Elektrokhiimiia 2 no. 3:295-302 Mr '66.

IRON ALLOYS—ELECTROMETALLURGY

Preparing a phosphorus-free manganese slag by the duplex process, cyclone - electric furnace. N. P. Isaenko and others. Met. i koksokhim. no. 3:49-69 '65.

IRON ALLOYS—METALLURGY

A comparative study on various charge feed systems in ferroalloy plants. A. A. Frolov. Stal' 26 no. 2:140-142 F '66.

Using a cyclone-type melting chamber for the production of ferroalloys. N. P. Isaenko and others. Met. i koksokhim. no. 3:41-48 '65.

IRON ALLOYS—TESTING

Dublin, N. P., and V. V. Trofimov. [Acceptance testing of ferrous metals] Primenenie chernykh metallov. [Moskva] Metallurgiya, 1966. 270 p.

IRON AND STEEL PLANTS—COST OF OPERATION

Cost distribution of iron and steel production according to economic elements. L. S. Bida, G. F. Kurashkina. Stal' 26 no. 3:269-272 Mr '66.

IRON AND STEEL PLANTS—CURRENT SUPPLY see subdivision under Aktyubinsk

IRON AND STEEL PLANTS—EQUIPMENT AND SUPPLIES

Automatic control of a hydraulic-tough granulation unit. I. A. P. Gindis. Mekh. i avtom. proizv. 20 no. 2:2-1 F '66.

IRON AND STEEL PLANTS—HYGIENIC ASPECTS

Industrial acoustics in ferrous metallurgy. S. A. Liberman. Stal' 26 no. 2:190-191 F '66.

IRON AND STEEL PLANTS—LABOR PRODUCTIVITY

see subdivision under Ukraine

IRON AND STEEL PLANTS—MANAGEMENT

(see also subdivision under Ural Mountains)

Effectiveness of progressive work methods. V. Dombrovskii. Metallurg 11 no. 2:36-37 F '66.

Tasks ahead for the scientific technological societies of ferrous metallurgy. From the annual report to the 14th Convention of the Scientific Technological Society of Ferrous Metallurgy. M. A. Pustov. Stal' 26 no. 2:97-100 F '66.

IRON AND STEEL PLANTS—QUALITY CONTROL

Economic efficiency of improving the quality of transformer steel. G. V. Vitin, A. G. Litshits. Izv. vyz. ucheb. zav., i Chern. met. 9 no. 3:166-169 '66.

IRON AND STEEL PLANTS—TECHNOLOGICAL INNOVATIONS

Engineer innovation. B. Sergeev. Metallurg 11 no. 2:37-38 F '66.

IRON AND STEEL PLANTS—WATER SUPPLY

New varieties of waste water in steelmaking. K. I. Iushkovskaya. Stal' 26 no. 2:187-189 F '66.

IRON AND STEEL WORKERS

Mistakes of hot work. R. Nosenkovskaya. Metallurg 11 no. 2:13 F '65.

IRON AND STEEL WORKERS—DISEASES AND HYGIENE

Industrial traumatism in forge shops and its prevention. L. A. Korotkin, N. P. Onishchenko. Kuz. i shch. met. 8 no. 2:43-44 F '66.

IRON-CHROMIUM-SILICON ALLOYS see Chromium-iron-silicon alloys

IRON-COPPER-ALUMINUM ALLOYS see Copper-iron-aluminum alloys

IRON-BORON ALLOYS—METALLURGY

Amount and distribution of metal impurities in slags of ferroboron production. P. P. Kazakov, S. V. Radlov, A. F. Filippov. Izv. vyz. ucheb. zav., i Chern. met. 9 no. 3:81-87 '65.

IRON CARBONYLS

Photochemical reactions of π -C₆H₅Fe(CO)₂C₆H₅. A. N. Nemeslany and others. Dokl. AN SSSR 166 no. 5:1125-1128 F '66.

IRON-CHROMIUM ALLOYS

Castings made of the Kh30N2 alloy. V. A. Sintsov. P. S. Mulygin. Lit. proizv. no. 2:4-5 F '66.

Ways of reducing the consumption of carbon-free ferrochromium in the smelting of stainless steel with the use of oxygen. E. I. Kadnikov and others. Met. i koksokhim. no. 3:122-132 '65.

IRON-CHROMIUM ALLOYS—INCLUSIONS

Contamination by nonmetallic inclusions and gases of carbon-free ferrochromium produced by various methods. S. I. Khitrik and others. Stal' 26 no. 3:237-238 Mr '66.

IRON-CHROMIUM ALLOYS—METALLOGRAPHY

Studying the carbide component in the structure of industrially produced low-carbon ferrochromium. M. I. Gasik. Met. i koksokhim. no. 3:95-100 '65.

IRON-CHROMIUM ALLOYS—NITROGEN CONTENT

Forms of nitrogen state in alloys of the system iron - chromium - nitrogen. L. I. Levi, O. M. Borisova. Izv. vyz. ucheb. zav., i Chern. met. 9 no. 3:171-173 '66.

IRON COMPOUNDS

Effect of hydrogen adsorption on the polarographic behavior of trivalent iron on a platinum electrode. V. A. Zakharov, O. A. Songina. Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no. 4:3-8 O-D '64.

IRON DEFICIENCY ANEMIA

Use of corticosteroids in iron deficiency anemia. I. M. Mendelev, G. V. Ioffe. Sbor. nauch. rab. vrach. Kar. ASSR no. 1:68-70 '62.

IRON FOUNDRY

(see also subdivision under Belgium)

Effect of aerodynamic conditions and the size of drops on the overheating of pig iron in a cupola. A. V. Kalibkev. Izv. vyz. ucheb. zav., i Chern. met. 9 no. 2:122-126 '66.

Effect of overheating cast iron on the wear-resistance of castings. V. P. Melnikov. Lit. proizv. no. 2:37-38 F '66.

IRON FOUNDRY—DEFECTS

Effect of the properties of a green mold on the shrinkage of cast iron. V. R. Balashev, V. P. Chernobaykin. Lit. proizv. no. 2:32-33 F '66.

IRON HYDROXIDES—MAGNETIC PROPERTIES

Thermal analysis of the magnetic transformations of ferric hydroxide. V. I. Bagin. Izv. AN SSSR. Fiz. i khim. no. 3:140-145 '66.

IRON INDUSTRY

(see also subdivision under Kazakhstan)

Results and objectives. M. A. Pastukov, S. M. Filippov. Metallurg 11 no. 2:2 of cover F '66.

IRON INDUSTRY—TECHNOLOGICAL INNOVATIONS

see subdivision under Sverdlovsk Province

IRON METABOLISM

Changes in iron metabolism in cancer of the alimentary canal before and after surgery. I. V. Chudnovskaya. F. A. Gulliaev. Sov. med. 20 no. 1:111-116 Ja '66.

Effect of ACTH and glyco-corticoids on the iron content of serum. I. M. Mendelev, G. V. Ioffe. Sbor. nauch. rab. vrach. Kar. ASSR no. 4:62-67 '62.

IRON MINES AND MINING see subdivision under Krivoy Rog Basin

IRON MINES AND MINING—ACCOUNTING

Accounting on a business basis in mines. P. N. Tainan and others. Gor. zhur. no. 3:10-13 Mr '66.

IRON MINES AND MINING—ECONOMIC ASPECTS see subdivision under Krivoy Rog Basin

IRON MINES AND MINING—EQUIPMENT AND SUPPLIES

(see also subdivision under Krivoy Rog Basin)

Induced block caving by ore breaking with deep boreholes drilled through untouched ore blocks. G. M. Bulanov. Gor. zhur. no. 3:25-30 Mr '66.

IRON MINES AND MINING—SAFETY MEASURES

Experience in reducing the intensity of air shock waves in underground workings. N. G. Volchenko, A. G. Zhuravlev. Gor. zhur. no. 3:37-39 Mr '66.

IRON MOLYBDATE CRYSTALS

Crystalline structure of iron molybdate. L. M. Pitasova and others. Dokl. AN SSSR 167 no. 1:81-87 M. '66.

IRON-NICKEL ALLOY PLATING

Internal stresses in deposits of a solid iron-nickel alloy. I. E. Khushtin, A. M. Shibaev. Elektrokhiimiia 2 no. 2:155-159 F '66.

IRON-NICKEL ALLOYS—MAGNETIC PROPERTIES

Hall effect in iron-nickel films. V. D. Ky, F. F. Kurikayna. Izv. AN SSSR. Neorg. mat. 2 no. 2:265-268 F '66.

IRON ORES

(see also subdivision under Khalilovo, Chelyabinsk Province; Krivoy Rog Basin; Kursk Magnetic Anomaly, Nikopol' District)

Chemical processing of tails of Sverdlovsk iron-olivinite ores obtained by concentration by means of magnetic separation. Part I: Solubility of tails in hydrochloric acid. A. A. Alchudzhyan and others. Izv. AN Arm. SSR. Khim. nauki 17 no. 5:577-588 '64.

Deep dressing of iron ores. N. P. Titkov. Gor. zhur. no. 3:54-59 Mr '66.

IRON OXIDES

Conductance of fused silicates containing iron oxides. E. A. Pastukhov, O. A. Esin, S. K. Chuchmarev. Elektrokhiimiia 2 no. 2:209-215 F '66.

IRON PLATING

Reconditioning of diesel locomotive parts by means of electrolytic iron deposition. I. D. Fedorov. Elek. i topl. tsiaga 9 no. 12:8-10 D '66.

IRON-SILICON ALLOYS—METALLOGRAPHY

Certain characteristics of primary recrystallization in silicon iron. V. I. Novikov, V. M. Semenov. Izv. vyz. ucheb. zav., i Chern. met. 9 no. 3:132-135 '66.

IRON SULFATE—ANALYSIS

Determination of hygroscopic moisture in ferrous sulfates. R. D. Zamyatov, M. I. Bregina. Lektokhiimiia. mat. i kh. prim. no. 1:52-53 '66.

- IRON-TIN ALLOYS**
Studying alloys of the system $\text{Sn}-\text{FeS}$. L. N. Pushka -
reva. Izv. vuz. ucheb. zav., tsvet. met., 9 no. 1, 100-
105 '68.
- IRON-TIN ALLOYS—ANALYSIS**
Studying alloys of the system $\text{Sn}-\text{FeS}$. L. N. Pushkarova,
Izv. vuz. ucheb. zav., tsvet. met., 9 no. 1, 100-105 '68.
- IRON TITANATES**
Thermodynamic functions of the formation of compounds
in the system $\text{FeO}-\text{TiO}_2$. I. A. Novosil'skiy, L. M.
Lenev, A. A. Savinskaya. Izv. vuz. ucheb. zav., Chern.
met., 9 no. 2, 5-13 '68.
- IRON-VANADIUM ALLOYS—SPECTRA**
Structure of the electron energy spectrum in iron-vanadium
alloys. V. Ya. Nagorniy, V. V. Nemoshkalenko.
Dokl. AN SSSR 166 no. 4, 847-850 F '68.
- IRRIGATION**
(see also subdivision under Bulgaria; Kazakhstan;
Uzbekistan; Volga Valley)
State of and prospects for the development of irrigation
using underground waters. A. A. Kumelevskiy, Gidr., 1
mel. 18 no. 1, 20-25 Ja '68.
Tasks of hydraulic engineering in 1968. E. E. Alekseyev-
skiy, Gidr., 1 mel. 18 no. 2, 1-6 F '68.
- IRRIGATION—EQUIPMENT AND SUPPLIES**
Sprinkler and irrigation unit. V. Nosenko, N. Boroven-
skiy. Tekhn. i inzh. 26 no. 1, 19-21 Ja '68.
- IRRIGATION CANALS AND FLUMES**
(see also subdivision under Abkhaz Valley, Terek
region, Czechoslovakia, Uzbekistan)
Joints in irrigation structures. O. A. Lukinskii, Gidr., 1
mel. 18 no. 1, 26-34 Ja '68.
- IRRIGATION CANALS AND FLUMES—CLEANING**
Mechanized cleaning of meliorative canals. E. D. Tomin,
G. V. Zhudin, E. I. Kopyev. Stroitel. mash., 11 no. 3:
4-7 Kh '68.
- IRRIGATION CANALS AND FLUMES—LININGS**
Some results of studies on the physicochemical properties of
loess soils with various types of additives. G. L.
Ufmanova, K. T. Talabek. Izv. AN Uz. SSR, Ser. tekhn.
nauk 10 no. 1, 45-51 '68.
- IRRIGATION CANALS AND FLUMES—MAINTENANCE
AND REPAIR**
Economic effectiveness of the reconstruction of irrigation
systems. S. R. Offengenden, Gidr., 1 mel. 18 no. 1, 17-
19 Ja '68.
- IRRIGATION CANALS AND FLUMES—SEEPAGE**
Controlling the losses of water from irrigation canals.
G. V. Alekseyevskiy, F. I. Bokhin. Vest. sel'khoz. nauki 10
no. 6, 158-157 Je '65.
- IRRIGATION FARMING**
(see also subdivision under Volga Valley)
Alliance of science and practice in irrigation farming.
I. I. Kovalenko. Kommunist 42 no. 2, 81-83 Ja '68.
- IRRIGATION FARMING—EQUIPMENT AND SUPPLIES**
Irrigation equipment sets. A. Levina. Inform. buil.
VDNI 1 no. 1, 25 Ja '68.
- ISHIMBAY (BASHKIRIA)—CORROSION AND ANTI-
CORROSIVES**
Using the KB-1 corrosion inhibitor. L. K. Ezova, N. M.
Lotnaya, Neftoper., 1 neftekh., no. 11, 14-15 '65.
- ISLAM AND POLITICS** see subdivision under Kirghizistan
- ISLAM IN LITERATURE** see subdivision under
Kirghizistan
- ISLAMIC SECTS** see subdivision under Iran
- ISOBARS, NUCLEAR**
Electroproduction of the N_2^{13} (1238) isobar in the scheme
of relativistic SU(6)-symmetry. B. V. Geshkenbein,
Iad. fiz., 3 no. 3, 549-550 Mr '68.
- ISOCYANATES**
Synthesis and properties of polynuclear polyisocyanates.
A. A. Zaitkin, I. U. A. Streptkheev. Khim. prom., 41
no. 2, 817-820 N '63.
- ISOCYANIDES**
Interaction of fluoro ketones with isocyanides. N. P.
Gambarian and others. Dokl. AN SSSR 166 no. 4:
884-887 F '68.
- ISOMERISM**
Isomerism of thallium selenobromides. S. S. Baisanov,
V. I. Rigin. Dokl. AN SSSR 167 no. 1, 89-90 Mr '68.
Optic isomerism and pharmacological effects of a series
of substances of a mediator action, a review of literature.
E. P. Zaitsepin. Farm. i lek. 27 no. 6, 550-556
N-D '64.
Optical isomerism of diethyl ester of 2, 5-di(N- β -phenyl- α -alanino)-3, 6-difluoro-1, 4-benzoquinone. V. S. Martynov,
A. M. Makarova, A. Ia. Berlin. Zhur. ob. khim., 38
no. 3, 414-415 Mr '68.
- Spectral studies of the reversible transformations of com-
pounds of the phosphine series.** A. N. Sidorov. Usp. khim.,
33 no. 2, 386-391 F '66.
- ISOMERIZATION**
Configuration and thermal isomerization of the adducts
of substituted cyclopentadienes with maleic anhydrides.
V. A. Kharinov and others. Izv. AN SSSR Ser. Khim.
no. 2, 320-331 '66.
Isomerization of low-melting paraffins over an aluminum-
molybdenum catalyst. I. A. R. Katsobashvili, A. V. Mlin-
baev. Neftoper., 1 neftekh., no. 2, 11-14 '68.
Kinetics of isomerization of hevenes. V. Sh. Foydibilm,
and others. Dokl. AN SSSR 166 no. 5, 1147-1150 F
'66.
Mechanism of 2-methyl-1-pentene conversion on an
aluminosilicate catalyst. V. Sh. Foydibilm, G. P.
Komsarova, T. A. Tsilingold. Khim. i tekhn., 7 no. 1, 175
179 Ja-F '68.
Probability of isomerization in the decay of heavy excited
nuclei. V. P. Zommer, A. I. Prokof'ev. Iad. fiz., 3
no. 3, 401-405 Mr '68.
Selective isomerization of monosubstituted C_7-C_{10}
cyclopentanes. F. V. Vsevolozhskaya, O. E. Morozova,
A. I. Pecher. Neftekhimiya 5 no. 3, 297-302 My-Je
'65.
Selective isomerization of polysubstituted C_7-C_{10}
cyclopentanes. F. V. Vsevolozhskaya, O. E. Morozova,
A. I. Pecher. Neftekhimiya 5 no. 3, 303-312 My-Je
'65.
Shift of a chlorine atom in dichloronaphthoic acids. V. A.
Koptug and others. Zhur. org. khim., 2 no. 3, 485-470
Mr '68.
Study of isomerization reactions of normal paraffin
hydrocarbons in the presence of platinum-plated synthe-
tic zeolites. A. I. Afanas'ev, A. Z. Dorogochinskii, E. G.
Vol'pova. Neftoper., 1 neftekh., no. 1, 39-41 '66.
- ISOMERS**
Experiments on the synthesis of a spontaneously fissile
isomer in the reaction $\text{Am}^{241}(\text{n}, \gamma)\text{Am}^{242}$. B. N.
Markov and others. Iad. fiz., 3 no. 3, 455-456 Mr '68.
O- and C- organometallic isomers. Part 4. Reaction of
chlorosulfates with esters of trialkylstannylacetic acid.
G. S. Burlachenko and others. Zhur. ob. khim., 38 no. 3:
512-518 Mr '68.
- ISOMORPHISM (CRYSTALLOGRAPHY)**
Some characteristics of the behavior of isomorphous
mixtures under pressure. V. A. Kirkinetskii. Geokhimiya
no. 3, 303-311 Mr '68.
- ISONIAZID—TOXICOLOGY**
Case of detection of tubasid in biological material
during forensic chemical examination. I. I. Litman.
Sud.-med. ekspert 9 no. 1, 27-28 Ja-Mr '66.
- ISOPRENE**
Catalytic dehydrogenation of isomylenes to isoprene.
O. K. Bogdanova, and others. Khim. prom., 42 no. 3:
174-175 Mr '68.
Mechanism of the liquid-phase dehydration of 3-methyl-
1, 3-butanediol to isoprene. V. Z. Shaif and others.
Neftekhimiya 5 no. 3, 388-372 My-Je '65.
Polyregraphic study of the distribution coefficients of
acetonitrile in the systems water-isoprene and water-
biviny. A. I. Tur'lan, T. A. Cheremukhina, T. V. Mikhail-
ova. Zhur. prikl. khim., 39 no. 2, 463-464 F '68.
Synthesis of isoprene from propylene. Kinetics of propy-
lene dimerization. V. Sh. Foydibilm and others. Neft-
khimiya 5 no. 4, 493-497 Ji-Ag '65.
- ISOPROPYL NITRITE—TOXICOLOGY**
Mechanism of the toxic effect of isopropyl nitrite. Kh. K.
Iltusova, N. K. Demokideva. Farm. i lek., 29 no. 1:
100-104 Ja-F '68.
- ISOQUINOLINE**
Activity of the methyl group of 1-methyl-3, 4-dihydroiso-
quinoline. Part 1: Condensation of 1-methyl-3, 4-dihy-
droisoquinoline with aldehydes. S. G. Agbalian, L. A.
Nersisyan. Izv. AN Arm. SSR, Khim. nauki 17 no. 5, 502-
566 '64.
- ISOTOPE EXCHANGE**
Catalytic activity of manganese dioxide with respect to
isotope exchange in molecular oxygen. L. A. Kasatkina,
V. G. Amerikov. Khim. i tekhn., 7 no. 1, 109-106 Ja-F '68.
- ISOTOPES**
Isotopes and elementary analysis. N. Narzykulov. Atom.
energ., 20 no. 1, 84-85 Ja '68.
Isotopic equilibria and geological problems. A. P. Vino-
gradov. Izv. AN SSSR, Ser. geol., 31 no. 1, 7-10 Ja '68.
- ISOXAZOLE**
Electron configuration of isoxazole. D. A. Bocharov,
A. A. Gagarinskaya, A. V. Tsukovich. Izv. AN SSSR
Ser. khim., no. 2, 353-354 '68.
- ISOXAZOLIDINONE**
Chemical control of the inactivation of cycloserine dur-
ing its preservation. I. I. Korol'. Farm. i lek. zhur.,
18 no. 6, 44-48 '63.
- ISOXAZOLINE**
O-methyl ether of dinitromethane in the reaction of 1, 3-
dipolar cyclic addition. V. A. Tarakanov and others.
Izv. AN SSSR Ser. khim., no. 2, 170-172 '66.
- ISRAEL—MUSIC—COMPETITIONS**
Three out of six. V. Duleva. Sov. muz., 30 no. 3, 73-75
Mr '66.
- ISSYK-KUL DEPRESSION—FLEAS**
Some characteristics of the geographical distribution of
fleas in the Issyk-Kul Depression as related to the
distribution of rodents and rabbits and hares. B. G.
Kiylov, L. A. Shvarts. Zool. zhur., 15 no. 1, 137-141
'68.
- ISSYK-KUL DEPRESSION—NIOBIUM**
Distribution of niobium in the places of the Issyk-Kul
Depression. E. A. Zhukovskaya. Vest. LGU 21 no. 6:
58-61 '68.
- ISSYK-KUL DEPRESSION—RODENTS—GEOGRAPHICAL
DISTRIBUTION**
Some characteristics of the geographical distribution of
fleas in the Issyk-Kul Depression as related to the
distribution of rodents and rabbits and hares. B. G.
Kiylov, L. A. Shvarts. Zool. zhur., 45 no. 1, 137-141
'68.
- ITALY—AGRICULTURE**
Lisovsky, I. U. P. [Agriculture and the peasant movement
in present-day Italy] Sel'skoe khozinstvo i krest'yan-
skoe dvizhenie v sovremennoi Itali. Moskva, Knit.,
1966, 254 p.
- ITALY—CATHOLIC CHURCH—SOCIETIES, ETC**
Italian Catholic Action. N. Potashinskaya. Mir, etn. i
mezhdunar. otn., no. 3, 134-135 '68.
- ITALY—HISTORY**
Berti, Giuseppe. [Democrats and socialists in the first
of Risorgimento. Translated from the Italian.]
Demokrat i solitsiaty v perod Risorgimento. M.
skva, Progress, 1965, 681 p.
(CU)
Garibaldi and the Italian liberation movement in 1852-
1860. V. E. Nevzor. Vop. ist., 41 no. 4, 78-81 Ap '68.
- ITALY—HISTORY—SOURCES**
The liberation war and revolution of 1850-1860. Glavny
pe Garibaldi. Vop. ist., 41 no. 4, 82-95 Ap '68.
- ITALY—PEASANTRY**
Lisovsky, I. U. P. [Agriculture and the peasant movement
in present-day Italy] Sel'skoe khozinstvo i krest'yan-
skoe dvizhenie v sovremennoi Itali. Moskva, Nauka,
1966, 254 p.
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Troubles of the eternal city. V. Ermakov. Mezhdunar.
zhizn' 13 no. 4, 102-108 '68.
- ITALY—THEATER**
"The deguy" in Italy. S. Grishchenko. Teatr 26 no. 7:
150-161 Ji '65.
- ITALIAN LANGUAGE—HISTORY**
Galileo Galilei and some problems of linguistics on the
400th anniversary of Galilei's birth, 1564-1964. A. A.
Kasatkina. Vest. LGU 19 no. 20, 110-122 '64.
- ITALIAN VASES** see Vases, Italian
- ITURUP ISLAND REGION—PINK SALMON**
Results of tagging pink salmon of the western rivers
of the Iturup Island. V. M. Ivanov. Ryb. khoz., 42
no. 2, 15-18 '68.
- IUTSEVICH, IURI KONSTANTINOVICH, 1905-**
Sixtieth birthday of Iuri Konstantinovich Iutsevich. Gruz.
i kart., no. 2, 78-80 F '68.
- JUVENALII, Bishop of Zaraysk**
Nomination and consecration of Atchimandrite Iutsevich
(Polarkov) as Bishop of Zaraysk. Zhur. Moud. i. i. r.
no. 2, 11-20 '66.
- IVAN IV, The Terrible, 1530-1584**
Ivan the Terrible's documentary portrait. M. M.
Gerasimov. Kit. sob. Inst. arkheol., no. 100, 139-142
'66.
- IVANO-FRANKOVSK PROVINCE—BOOKSELLERS AND
BOOKSELLING**
In the village of Bol'shevitay K. Parkhomenko. Knizh-
torg., 17 no. 4, 53 Ap '66.
- IVANOV, KONSTANTIN VASIL'EVICH, 1890-1918**
Post-teacher and post-educator. G. Volkov. Nar. obr.
no. 3, 92-93 Mr '66.
- IVANOV PROVINCE—ANTIQUITIES**
The Malyy Ostrovok campsite in the region of Sakhtysh
Lake in Ivanovo Province. A. F. Dubynin. Mat. i issl.
po arkheol. SSSR no. 130, 127-132 '66.

JOURNALISM

- On the shores of the Tisa and the Black Sea M. Kriukov, Sov. pech. no. 3 60-61 '68.
True stories, S. Andreev, Sov. pech. no. 3 62 '66.
Two questions of "Sovetskaya pechat", Sov. pech. no. 3 26-35 '68.
The work of a journalist, I. U. Filonovich, Sov. pech. no. 3 8-12 '66.

JOURNALISM—BANKS AND BANKING

see subdivision under Gorodishche (Penza Province)

JOURNALISM—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

- Life, not a word from the headline, V. Tsarev, Sov. pech. no. 3 18-21 '66.

JOURNALISM—SOCIALIST COMPETITION

- Competition, the mass character, publicity and effectiveness, B. Efimov, Sov. pech. no. 3 22-25 '66.

JOURNALISM, AGRICULTURAL

- It's time to write, I. U. Chernichenko, Sov. pech. no. 3 13-17 '66.

JOURNALISM, MILITARY

- "Otopnitsa pravda" in the struggle for the masses of soldiers during the preparation for and execution of the October Revolution, I. I. Alekseyeva, Vest Mosk univ. Ser. 7: Filol., zhur. 20 no. 6: 47-55 M-D '65.

JOURNALISM, SCIENTIFIC

- According to the right of old friendship, I. Artobolevskii, Sov. pech. no. 3 5-7 '66.

JOURNALISTS

see subdivision under Kuznetsk Basin

JUDICIAL ASSISTANCE

see subdivision under Communist countries

JUGLONE

- Antihelmintic effect of juglone, V. I. Zakharov, V. S. Kuznetsova, Trudy Kish gos. med. inst. 14 229-232 '61.

JUNCTION TRANSISTORS

- Effect of the modulation of resistance of a high-impedance base region on the voltage-current characteristics of three-level structures with a single electron-hole junction, R. Mamakulov, Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 2: 51-57 '66.

- Phosphorus diffusion in epitaxial silicon, S. V. Starodubtsev and others, Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 1: 85-86 '66.

- Photoelectric transformers on the basis of epitaxial p-n-junctions in Si, G. A. Chetverikova, Gettotehnika no. 1 34-36 '66.

- Theory of the "drag" effect transmitted through a p-n-junction, E. Dzhabimov, Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 2: 69-72 '66.

- Transient responses of long diodes provided with a delay circuit, E. G. Pel', V. S. Rubin, Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 2: 77-78 '66.

JUNPER

see subdivision under Uzbekistan

JURISDICTION

- An issue requiring legislative decision, N. Babarykin, Sov. iust. 30 no. 6: 24 Mr '66.

JUSTICE, ADMINISTRATION OF

- (see also subdivision under Japan, Ukraine; Yugoslavia)

- Democratic foundations of the Soviet socialist administration of justice, V. Chugunov, L. Morozova, L. Kokorev, Sov. iust. 30 no. 7: 30-31 Ap '66.

- Polenov, G. F. [Democratic foundations of the Soviet judiciary] Demokraticheskie osnovy sovsetskogo pravosuditiya, Alma-Ata, "Kazakhstan," 1965, 43 p.

- Survey of suggestions concerning the improvement of court work, Sov. iust. 30 no. 7: 20-22 Ap '66.

JUVENILE COURTS

- Defense in cases of juvenile delinquents, L. Ulianova, Sov. iust. 30 no. 5: 12-13 Mr '66.

JUVENILE DELINQUENCY

- (see also subdivision under Kaliningrad Province; Moldavia)

- Answering for each man, A. Fomina, Agitator 33 no. 3: 35-37 F '66.

- Study of age-connected mental characteristics and the problem of responsibility of juvenile offenders, M. M. Babeyev, Sov. gos. i pravo 35 no. 3: 123-127 Mr '66.

- Violation of labor laws is also a source of juvenile delinquency, L. Lanovenko, Rad. pravo 29 no. 3: 25-29 Mr '66.

JUVENILE OPERAS

see Operas, Juvenile

KABARDINO-BALKAR A. S. S. R.—CONSTRUCTION INDUSTRY

- They began to work profitably, B. Levich, Na stroi, Ros. 7 no. 2: 15 F '66.

KABARDINO-BALKAR A. S. S. R.—HISTORICAL RESEARCH

- The 40th anniversary of the Institute of Scholarly Research of the Kabardino-Balkar A. S. S. R., Kh. G. Derikhetov, Ist. SSSR 10 no. 1: 234-237 Ja-F '66.

KABARDINO-BALKAR A. S. S. R.—HUNDS

- Organic matter of meadow-Solonchak, meadow-Chernozem, and meadow-Chernozem soils in Greater Kabardia, I. U. E. Kizhikov, Pochvovedenie no. 3 81-87 M '66.

KABARDINO-BALKAR A. S. S. R.—SOCIAL CONDITIONS

- Boisvaz, T. D. [Social and economic relations in Kabarda in the first half of the 18th century] Sotsialno-ekonomicheskie otnosheniya v Kabarde v pervoi polovine XIX veka, Tbilisi, Metsnleoba, 1965, 123 p.

KABARDINO-DZHALAN RANGE—AFFORESTATION

- Characteristics of establishing forest plantations on the Kabardino-Dzhalan Range, A. P. Kazankin, Trudy SKLOS no. 6 71-82 '64.

KABARDINO-DZHALAN RANGE—KARST

- Change in the hydrography of karst in the region feeding mineral springs, A. P. Kazankin, Trudy SKLOS no. 6 179-186 '64.

KACHIKANAR MOUNTAIN—VANADIUM ORES—TRANSPORTATION

- Abandonment of pipelines during pneumatic transportation of the Kachikanar non-vanadium concentrate, E. A. Dolgennov, A. M. Shtenberg, Stal' 26 no. 3: 285-287 Mr '66.

KAGARLYK DISTRICT—FIELD CROPS

- From the targets to the advanced, I. P. Musienko, Zemledelie 28 no. 2: 15-17 F '66.

KAKHETIAN RANGE—LANDSLIDES

- Plastic landslides of the Kakhethian Range, R. Z. Khataishvili, Zap. LGI 48 no. 2: 134-136 '65.

KAKHOVKA RESERVOIR

- Comparing data derived from field observations with the calculations on the EI-12 electric integrator of nonsteady ground water seepage in the area of the right-bank hydraulic structures of the Kakhovka power project, T. D. Strel'tsova, Izv. VNIIG 77: 187-194 '65.

KALACH REGION (VORONEZH PROVINCE)—FLOUR MILLS

- Preparing for the 23d Congress of the CPSU and 50th anniversary of the Great October; enterprises of the Orenburg Administration; Kalach Milling Combine, A. Romanov, P. Bordulzha, Muz. zvezd pom. 32 no. 2: 3 F '66.

KALININ, MIKHAIL IVANOVICH, 1875-1946

- M. I. Kalinin and the problems of standardization, Mat. i dok. po ist. stand. no. 3: 8-9 '65.

KALININ—BOOKSTORES

- A page for booklovers, Knizh. toig 17 no. 1: 62 Ap '66.

KALININ PROVINCE—FINANCE

- They have kept their word, A. Prozorov, Fin. SSSR 40 no. 3: 73-75 Mr '66.

KALININ PROVINCE—MOUNDS

- Fatyanovo-type burial mounds in the Shosha Valley, O. N. Bader, Muz. i issl. po arkheol. SSSR no. 130: 119-124 '65.

KALININ PROVINCE—TECHNOLOGICAL INNOVATIONS

- Berenshtein, E. A. [New forms of mass technological creativity] Noveye formy massovogo tekhnicheskogo tvorchestva, [Kalinin] Kalininskoe knizhnoe izd-vo, 1963, 45 p.

[MICROFILM]

KALININGRAD—CARGO HANDLING

- The port of Kaliningrad today, Mor. flot 26 no. 3: 12 Mr '66.

KALININGRAD—SHIPBUILDING WORKERS

- Organizing brigades based on a group wage system, G. K. Otkhov, N. N. Zhaltinov, Ryb. khoz. 40 no. 8: 82-83 '64.

KALININGRAD PROVINCE—JUVENILE DELINQUENCY

- Let us struggle for each juvenile, M. A. Nosachev, Sots. zakon. 43 no. 3: 38-40 Mr '66.

KALMAKYRGA VALLEY—GEOLOGY, STRATIGRAPHIC

- Stratigraphy and lithology of Devonian formations in the Belenty basin, O. L. Elnor, A. S. Ivanushko, Mat. po geol., geofiz. i geokhim. Uzb., Kazakh., Zhabak. no. 2: 57-61 '64.

KALMYK A. S. S. R.—TAENIA

- Occurrence of Taeniarhynchus infestations in the Kalmyk A. S. S. R., G. G. Budagova, V. K. Kosenko, Med. paraz. i paraz. bol. 33 no. 2: 236 Mr-Apr '66.

KAL'NYSHEV'S KYI, PETRO, d 1803

- The fate of the last "koshovyi diaman" of the Zapozhnye Host, I. H. Frumenkov, Ukr. ist. zhur. 10 no. 1: 11-13 Ja '66.

KALUGA PROVINCE—PARASITES—SHEEP

- Observations of the epizootiology of dicotylidians in sheep and the biology of the parasite in Kaluga Prov., I. I. Vashinin, Trudy Mosk. vet. akad. 16 no. 2 pt. 1: 3-15 '67.

KAMA RIVER—SHIPPING

- Characteristics of the use of integrated barge trains, G. Vaganov, Rech. transp. 23 no. 6: 13-15 Je '64.

KAMA VALLEY—ANTIQUITIES

- The first burial mound near the village of Turbiter, O. N. Bader, Krat. soob. Inst. arkheol. 17: 100, 53-nd '65.

KAMA VALLEY—BOULDERS

- Petrography of Quaternary boulders in the upper Kama Valley, T. S. Klopacheva, V. P. Nabolshechkov, P. V. Ivashov, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2: 26-28 '64.

KAMA VALLEY—GEOCHEMISTRY—MAPS

- Hydrochemical map of the Kama basin, G. G. Zhabitskiy, E. A. Lushnikov, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2: 54-57 '64.

KAMA VALLEY—GEOMORPHOLOGY

- Features of the morphology and formation of the platform structures of the Kama Valley, I. M. Mel'nik, K. S. Shershev, Geol. nefte i gaza 9 no. 3: 60-3 of cover Mr '65.

KAMA VALLEY—MINERALOGY

- Mineralogical association of the Mesozoic continental sediments of the Glazovskaya syncline, I. V. Kiselev, L. A. Virch, V. P. Nabolshechkov, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2: 21-25 '64.

KAMA VALLEY—PETROLEUM GEOLOGY

- Features of the morphology and formation of the platform structures of the Kama Valley, I. M. Mel'nik, K. S. Shershev, Geol. nefte i gaza 9 no. 3: 60-3 of cover Mr '65.

KAMA VALLEY—PETROLOGY

- Petrography of Quaternary boulders in the upper Kama Valley, T. S. Klopacheva, V. P. Nabolshechkov, P. V. Ivashov, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2: 26-28 '64.

KAMCHATKA—CONIFERAE

- History of conifer forests in Kamchatka, L. O. Karpachyevskii, E. P. Mel'nikova, Bol. zhur. 51 no. 1: 119-124 Ja '66.

KAMCHATKA—GAS, NATURAL—GEOLOGY

- Oil and gas potentials of Kamchatka, V. V. Krylov, O. I. Suprunenko, Geol. nefte i gaza 10 no. 2: 53-56 F '66.

KAMCHATKA—GEOGRAPHY—BIBLIOGRAPHY

- Geograficheskoe obshchestvo SSSR, Kamchatskii otdel. [Brief index to the literature on the history and geography of Kamchatka] Kratkiy ukazatel' literatury po istorii i geografii Kamchatki, Petropavlovsk-Kamchatskiy, 1965, 19 p. [Nasvretchu 225-letii Petropavlovsk-Kamchatskogo]

KAMCHATKA—GEOLOGY, STRATIGRAPHIC

- Stratigraphy of Quaternary sediments in the central depression of Kamchatka and some problems of the paleogeography of the Quaternary of Kamchatka, N. P. Kupina, Izv. AN SSSR, Ser. geol. 31 no. 1: 123-139 Ja '66.

KAMCHATKA—HISTORY—BIBLIOGRAPHY

- Geograficheskoe obshchestvo SSSR, Kamchatskii otdel. [Brief index to the literature on the history and geography of Kamchatka] Kratkiy ukazatel' literatury po istorii i geografii Kamchatki, Petropavlovsk-Kamchatskiy, 1965, 19 p. [Nasvretchu 225-letii Petropavlovsk-Kamchatskogo]

KAMCHATKA—PALEOGEOGRAPHY

- Stratigraphy of Quaternary sediments in the central depression of Kamchatka and some problems of the paleogeography of the Quaternary of Kamchatka, N. P. Kupina, Izv. AN SSSR, Ser. geol. 31 no. 1: 123-139 Ja '66.

KAMCHATKA—PETROLEUM GEOLOGY

- Oil and gas potentials of Kamchatka, V. V. Krylov, O. I. Suprunenko, Geol. nefte i gaza 10 no. 2: 53-56 F '66.

KAMENETS-PODOL'SKIY—HISTORY

- Problem of the founding of Kamenets-Podolskiy, S. K. Humeniuk, Ukr. ist. zhur. 10 no. 1: 135-137 Ja '66.

KAMENETS-PODOL'SKIY—POLITICS AND GOVERNMENT

- A city soviet and the Soviet public, O. Holov, Rad. pravo 29 no. 3: 13-14 Mr '66.

KAMENEV, SERGIY SERGEEVICH, 1881-1936

S. S. Kamenev, Supreme Commander of the Soviet Armed Forces. Voen.-ist. zhurn. 8 no. 3 123-126 Mi '66.

KAMENNAYA STEPPE—MICROCLIMATOLOGY

Microclimatic characteristics of Kamennaya Steppe. K. I. Kaulina. Sbornik rabot i gidromet. obsl. no. 3 12-53 '65.

KAMENNAYA STEPPE—PRECIPITATION (METEOROLOGY)—MEASUREMENT

Quantity of precipitation not collected by precipitation gauges in Kamennaya Steppe. V. N. Kaulin. Sbornik rabot i gidromet. obsl. no. 3 73-74 '65.

KAN-TASEYEVO LOWLAND—OIL SANDS

Fractured and porous reservoirs in the Kan-Taseyev Lowland. V. N. Vorob'ev, I. N. Bulimov. Geol. nefiti gazu 10 no. 2:39-13 1 '66.

KANUV REGION (UKRAINE)—GEOLOGY

Yamnikov, O. V. [Geology of the region of the Kancv dislocations] Geologiya i nauka kanva'nykh dyslokatsiy Kyiv, Naukova dumka, 1966 94 p.

KANSK REGION (KRASNOYARSK TERRITORY)—FOREST ECOLOGY

Phytoclimatic characteristics of the forest edges of various exposures in the eastern outskirts of the Kansk forest steppe. I. U. M. Mashev. Rast. pokr. Kras. kraia no. 2:187-212 '65.

KAOLIN

Flocculation of kaolin suspensions by polyacrylamide. F. E. Molochnikova, E. I. Silina. Izv. vuz. khim. zav., tsvet. mel. 9 no. 1:6-12 '66.

Unit for fractioning kaolin. V. V. Klachin and others. Dum. prom. no. 3:21-22 Mr '66.

KAPLANSKIY, SAMUIL IAKOVLEVICH, 1897-1965

Samuil Iakovlevich Kaplanskiy, an obituary. Vop. med. khim. 12 no. 1 120-122 Ju-I '66.

KARABAGLY OIL FIELD—OIL FIELD BRINES

Some characteristics of waters in the upper horizons of the producing formation of the Karabagly field. T. Kh. Mustafaev. Azerb. nefit. khoz. 15 no. 1:7-8, 95 Ju '66.

KARABAKH STEPPE—FOREST ECOLOGY

Seasonal change in the ash composition of fresh oak leaves in various soil and climatic conditions of the Lesser Caucasus. L. F. Shadrifov, T. A. Dzhizhina. Trudy Inst. porchiv. i agroklim. AN Azerb. SSR 13:58-162 '65.

KARABAKH STEPPE—SALINE AND ALKALI SOILS

Water balance and physical properties of meadow sods in irrigated saline soils of the Karabakh Lowland. B. M. Aliev. Izv. AN Azerb. SSR Ser. biol. nauk no. 5, 81-89 '65.

KARABI-YAYLA—YEW

Yew Taxus baccata L. on Karabi-Yayla. I. A. V. Zakhar-zhevskiy. Bol. zhurn. 51 no. 1 121-126 Ja '66.

KARADAG REGION—GASOLINE

Refining of the fraction of Karadag gasoline boiling between 71° and 102° in stationary and fluidized beds of a catalyst. Kh. M. Minachev and others. Neftokhimiya 5 no. 4:498-500 Ji-Ag '65.

KARADZIC, VUK STEFANOVIC, 1787-1864

Vuk Stefanovic Karadzic, 1787-1864. P. A. Dmitriev. Vest. LGU 19 no. 20:101-109 '64.

KARAGANDA—BAKTERIES—MANAGEMENT

Seek and ye shall find. M. Belogorov. Sov. profsoyuz 22 no. 5:20-21 Mr '66.

KARAGANDA—CONFECTIONERY INDUSTRY—MANAGEMENT

Seek and ye shall find. M. Belogorov. Sov. profsoyuz 22 no. 5:20-21 Mr '66.

KARAGANDA—ENGINEERS

Love. V. Paremshil. NTO 8 no. 2:46-48 F '66.

KARAGANDA BASIN—COAL MINERS—EDUCATION AND TRAINING

The mine committee and the house of culture. N. Kovalov. Sov. profsoyuz 22 no. 6:34-35 Mr '66.

KARAGANDA BASIN—COAL MINES AND MINING

Record coal production obtained by the OMKI unit at the "Chirubini-Nurinskaya" Coal Mine No. 12 of the Abalgol Trust. K. A. Mamedov, A. N. Nuritankov. Ugol' 41 no. 2:6-7 F '66.

KARAGANDA BASIN—COAL MINES AND MINING—EQUIPMENT AND MINES

Mining of the Verkhnaya Maslanna bed by two inclined layers with the extraction of coal of the interlayer series under the protection of a flexible shield. A. S. Saginov and others. Ugol' 41 no. 2:13-16 F '66.

KARAGANDA BASIN—COAL MINES AND MINING—MANAGEMENT

Experiment and the result. B. Semenov. Nar. khoz. Kazakh. 21 no. 2:34-35 F '66.

KARAGANDA BASIN—COMMUNITY CENTERS

The mine committee and the house of culture. N. Kovalov. Sov. profsoyuz 22 no. 6:34-35 Mr '66.

KARAGANDA PROVINCE—STATE FARMS—MANAGEMENT

Problems of the production standardization of farm enterprises as exemplified by the state farms of the Karaganda City microzone. F. I. Mamychev. Vest. sel'khoz. nauk [Kazakh] 9 no. 2 3-13 F '66.

KARAGOSHI MOUNTAIN—ALPINE FLORA

Vegetation of the southern slope of the Karagoshi Mountain in the Western Sayan. S. V. Gudoshnikov. Rast. pokr. Kras. kraia no. 2 63-68 '65.

KARAKUL SHEEP—FEED SUBDIVISION UNDER AFGHANISTAN, KAZAKHSTAN

KARAKUL SHEEP—FEEDING AND FEEDS see subdivision under Uzbekistan

KARAMAZAR MOUNTAINS—METALS, RARE AND MINOR

Role of predominant components in the geochemistry of accessory and rare elements in ore deposits. Geokhimiya no. 9:168-170 S '65.

KARELIA—BARK BEETLES

Population dynamics of bark beetles (Coleoptera, Ipsidae) feeding on conifers of the clear-cuttings in Karelia. E. V. Titova. Ent. oboz. 45 no. 1:61-61 '66.

KARELIA—BREAST—CANCER

Breast cancer according to materials of the Republic Oncological Dispensary of the Karelian A. S. S. R. during 1950-1960. A. I. Klempert. Sbornik nauch. rab. v'racl. Kar. ASSR no. 4:106-110 '62.

KARELIA—CALCULI, URINARY

Treatment of urolithiasis according to materials of the Republic Hospital of the Karelian A. S. S. R. for ten years (1951-1960). S. Kh. Khankin. Sbornik nauch. rab. v'racl. Kar. ASSR no. 4:121-125 '62.

KARELIA—HISTORY

Afanas'eva, A. I., K. A. Morozov, and E. M. Epshtein. [History of our region] Istorii nashego kraia, Petrozavodsk, Karelskoe knizhnoe izd-vo, 1955, 215 p. illus., fold maps. (CSI-II)

KARELIA—HYPERTENSION

Characteristics of the course of hypertension in the northern regions of the Karelian A. S. S. R. V. I. Petrovskiy, M. M. Gofdenshin. Sbornik nauch. rab. v'racl. Kar. ASSR no. 4:45-17 '62.

KARELIA—MINERALS IN SOILS

Effect of mineral fertilizers on microbiological processes in the meadow soils of Karelia. V. V. Tishov. Mikrobiologiya 35 no. 1:168-173 Ja-F '66.

KARELIA—SOIL MICRO-ORGANISMS

Effect of mineral fertilizers on microbiological processes in the meadow soils of Karelia. V. V. Tishov. Mikrobiologiya 35 no. 1:168-173 Ja-F '66.

KARELIA—SPORTS—ACCIDENTS AND INJURIES

Sports traumatism. E. M. Kur'man. Sbornik nauch. rab. v'racl. Kar. ASSR no. 4:33-38 '62.

KARELIA—STILLBIRTH

Stillbirths in the Karelian A. S. S. R. and ways for reducing them. K. A. Gutkin, A. Pokki. Sbornik nauch. rab. v'racl. Kar. ASSR no. 4:9-10 '62.

KARELIA—SURGICAL SOCIETIES

Work of the Surgical Section of the Republic Scientific Society of Physicians of the Karelian A. S. S. R. during 1950 and the first half of 1961. M. I. A. Raudsep, A. G. Ostrovskiy. Sbornik nauch. rab. v'racl. Kar. ASSR no. 4:206-211 '62.

KARELIN, MIKHAIL NIKOLAEVICH, 1897-1966

Mikhail Nikolaevich Karelin, obituary. Torf. prom. 43 no. 2:30 '66.

KARIKI, ANATOLII VASIL'EVICH, 1919-

From a glider to a rocket carrier. N. Shituchkin. Kiyi. red. 17 no. 4:13-14 Ap '66.

KARKARALSK DISTRICT—GEOLOGY, STRUCTURAL

Structural-facies zoning and Paleozoic igneous activity in the southwestern slope of the Chingiz megantiform and adjacent areas of the Buthesh megasyntinorium. V. G. Tikhomirov. Bul. MOI, Old. geol. 41 no. 1:61-70 Ja-F '66.

KARST

(see also subdivision under Kabardino-Dzhigal Range; Kursk Province; Kuznetsk Alatau; Podolia; Suksun region, Perm Province; Voronezh Province)

Using the geochemical method for detecting karst zones. S. I. Farfenov. Puti i put. khoz. 10 no. 2:32-33 '66.

KARYOKINESIS

Age-related changes in the mitotic activity and the rate of restoration of marrow cell populations in healthy mice and following X-ray irradiation. I. U. S. Bocharov, V. I. Savitskiy. Izv. AN Kazakh. SSR Ser. biol. nauk 4 no. 1 82-88 Ja-F '66.

Autonomous nature of the asexual mitotic activity of the crystalline lens epithelium in Rana esculenta. V. A. Golitskiy, N. I. Sukharova, V. V. Popov. Dokl. AN SSSR 165 no. 5 1210-1212 1 '66.

Changes in the acetylcholine concentration during the mitotic cycle of fertilized sea urchin eggs. I. V. Chudakova, L. V. Burdyskaya, G. A. Burnikov. TShtologiya 4 no. 1 105-108 Ja-I '66.

Effect of streptomycin and cycloserine on the mitotic activity. Antibiotiki 11 no. 3:232-233 Mr '66.

KASIMOV DISTRICT (RYAZAN PROVINCE)—COOPERATIVE SOCIETIES

Good sports. R. Rodionov. Sov. politich. khoz. 10 no. 3 7-8 Mi '66.

KASSIL, LEV ABRAMOVICH, 1905-

Nikolay, V. N. [By the roads of dreaming and searching; creative life of Lev Kassil] Drogami nachiy i polsk, tvoicheskii put' L'va Kassila, Moskva, Detskaya lit-ra, 1965, 198 p. (NIC)

KATTAKURGAN (UZBEKISTAN)—INDUSTRIAL MANAGEMENT—STUDY AND TEACHING

Economists university in Kattakurgan. I. Karnev. Ekonom. i zhizn' 8 no. 2:88 F '66.

KAYRAKLIYA (MOLDAVIA)—COLLECTIVE FARMS—MANAGEMENT

Rybak, S. [There is a village in Budzhak...] Est' selo v Budzhake... [Kishinev] Kartla moldoveniaste, 1966, 110 p. (Kolkhoz - shkola kommunizma)

KAZAKH STUDIES see subdivision under Great Britain

KAZAKHSTAN—AGRICULTURE

Larin, V. I. [Whig land, the tenth year] Tselinn, god desiaty. Alma-Ata, Izd-vo "Kazakhstan," 1964, 103 p. (NIP)

KAZAKHSTAN—ART, PRIMITIVE

Rug-style ornaments covering the pottery of the Adonovo cultural type. S. V. Zolova. Mat. i issl. po etnol. SSSR no. 130:177-181 '65.

KAZAKHSTAN—BOOKSELLERS AND BOOKSELLING

Commercial accounting and economic efficiency. N. G. Khovodov. Knizh. tovg. 17 no. 3:40-41 Mi '66.

KAZAKHSTAN—BORING

Combined drilling method under complicated geological conditions. M. T. Isayev and others. Razved. i okh. nedr. 31 no. 11:27-25 N '65.

KAZAKHSTAN—BULGARIANS

Bulgarian workers in Kazakhstan. A. Sarmurzin. Vop. ist. KP Kazakh. no. 2:184-209 '61.

KAZAKHSTAN—CHEMICAL INDUSTRIES

Efforts of the Communist Party to introduce new equipment and progressive technological methods into the chemical industry of Kazakhstan during the seven-year plan. A. I. Ushman. Vop. ist. KP Kazakh. no. 2:54-67 '64.

KAZAKHSTAN—COAL MINES AND MINING

The coal industry of Kazakhstan for the past seven years. V. N. V. Semkin. Nar. khoz. Kazakh. 24 no. 2:60-63 F '66.

KAZAKHSTAN—COAL MINING MACHINERY—DESIGN AND CONSTRUCTION

Make new machinery available to industry faster. G. Kurshanov. Nar. khoz. Kazakh. 24 no. 2:67-70 F '66.

KAZAKHSTAN—COLLECTIVE FARMS

Aliev, T. A. [Triumph of Lenin's cooperative plan in Kazakhstan] Torzhestvo leninskogo kooperativnogo plana v Kazakhstane. Alma-Ata, Nauka, 1965, 123 p. (CSI-II)

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION

Present-day coordination of scholarly research in the field of the history of the party. T. Zh. Zhangel'din. Vop. ist. KP Kazakh. no. 2:5-10 '64.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The 12th Congress of the Communist Party of Kazakhstan. Part. zhizn' no. 6:32-35 Mr '66.

KAZAKHSTAN—COMMUNIST YOUTH LEAGUE

The Komsomol of Kazakhstan in the struggle for the mass education of machinery operators. A. G. Kuznetsov. Vop. ist. KP Kazakh. no. 2:90-104 '64.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—MANAGEMENT

The new important frontiers. A. Kolesbaev. Ekon. stol. 8 no. 4:10-16 Ap '68.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—QUALITY CONTROL

Material liability for bad quality. I. Tikhotski. Nar. khoz. Kazakh. 24 no. 2:51-52 F '66.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—SCHEDULING

Network planning and construction management. I. Grunskoi. Nar. khoz. Kazakh. 24 no. 2:42-47 F '68.

KAZAKHSTAN—DUST STORMS

Furrowing for controlling dust storms. E. F. Gessen. Zemledelie 28 no. 2:27-28 F '66.

KAZAKHSTAN—ECONOMIC POLICY

Discussion of the project of directives of the 23d Congress of the CPSU for the five-year plan. Vest. AN Kazakh SSR 22 no. 3:80-83 Mr '66.

Kazakhstan is ready to start the five-year plan. K. M. Simakov. Agitator 33 no. 7:22-24 Ap '66.

KAZAKHSTAN—ECONOMIC RESEARCH

Tasks in the field of the economic sciences in the light of the decisions of the September Plenum of the Central Committee of the CPSU. S. H. Balashev. Vest. AN Kazakh SSR 22 no. 3:38-49 Mr '66.

KAZAKHSTAN—EDUCATION

Berzhanov, Karibai. [Russian-Kazakh cooperation in the development of education, a history of education study] Russko-kazakhskoe sotrudzhestvo v razviti prosvetsheniia, istoriko-pedagogicheskoe issledovanie. Alma-Ata, "Kazakhstan," 1965. 341 p.

KAZAKHSTAN—EMPLOYEES, TRAINING OF

Raising the cultural level and technical qualification of the workers of industrial enterprises. I. Hasanov. Vop. ist. KP Kazakh. no. 2:105-118 F '64.

KAZAKHSTAN—EROSION

Over-all control measures against soil erosion by wind. S. N. Uspenski, V. V. Bozrikov. Izv. AN Kazakh SSR. Ser. biol. nauk 4 no. 1:9-14 Ja-F '66.

KAZAKHSTAN—FARM MECHANIZATION

How those who participate in the movement for communist labor have tried to introduce progressive practice into agricultural production. D. A. Isakova. Vop. ist. KP Kazakh. no. 2:88-89 F '64.

KAZAKHSTAN—FERTILIZERS AND MANURES—COSTS

Component cost of mineral fertilizers. T. Satpaev. Nar. khoz. Kazakh. 24 no. 2:24-28 F '66.

KAZAKHSTAN—GALL MITES

Some results of the study of gall mites in southeastern Kazakhstan. D. Zh. Begimbetova. Izv. AN Kazakh SSR. Ser. biol. nauk 4 no. 1:57-62 Ja-F '66.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Devonian system of the Sarysu-Tengiz watershed (central Kazakhstan). O. A. Mazarovich and others. Vest. Mosk. un. Ser. 4. Geol. 21 no. 1:3-16 Ja-F '66.

KAZAKHSTAN—GEOLOGY, STRUCTURAL

Popova, G. Z. [Ring and linear morphostructures of the Kazakhstan fold area] Kol'tsevyi i lineinye morfostruktury Kazakhskoi skladchatoi strany. Alma-Ata, Nauka, 1966. 209 p.

KAZAKHSTAN—GRAIN

Increasing the production of grain in Central Asia and southern Kazakhstan. R. A. Udashin. Vest. sel'khoz. nauk 10 no. 6:158 Jo '65.

Potentialities for increasing grain production in northern Kazakhstan. A. Baraev, V. Shobodin. Ekon. sel'khoz. 41 no. 3:87-101 Mr '66.

KAZAKHSTAN—GRAIN ELEVATORS

Increase the effectiveness of the operation of grain receiving enterprises in the virgin land regions of Kazakhstan. D. Khudishev. Muk. -elev. prom. 32 no. 2:17-9 F '65.

KAZAKHSTAN—GRAIN TRADE

Employ all potentialities of production. B. Dyvovskii. Zakup. sel'khoz. prod. no. 1:4-6 Ja '68.

KAZAKHSTAN—GRANITE

Distribution of manganese, vanadium, gallium in granite old rocks in one of the regions of northern Kazakhstan. I. M. Osipovichuk. Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik. no. 2:101-109 '64.

Some accessory niobium-titanium from Caledonian granitoids of northern Kazakhstan. A. N. Platonov. Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik. no. 2:110-115 '64.

KAZAKHSTAN—GRASSES—IRRIGATION

Economic effectiveness of basin snow water irrigation in Kazakhstan, as exemplified by some systems. B. V. Azerov. Vest. sel'khoz. nauk [Kazakh.] 9 no. 2:89-93 F '65.

KAZAKHSTAN—HISTORICAL RESEARCH

Themes for dissertations for the degree of Candidate in Historical Sciences approved by the Council for the Coordination of Scholarly Research on the History of the Communist Party attached to the Institute of the History of the Communist Party affiliated with the Central Committee for the Communist Party of Kazakhstan. Vop. ist. KP Kazakh. no. 2:308-313 '61.

KAZAKHSTAN—HISTORY

Against the distortion of some problems in the history of the Communist Party of Kazakhstan by the bourgeois ideologists of the West. E. El'chibekov. Vop. ist. KP Kazakh. no. 2:233-240 '64.

Bekmakhov, Ermukhan. [History of the Kazakh SSR; a textbook for the 10th grade of secondary schools in Kazakhstan] Istoriia Kazakhskoi SSR, uchebnoe posobie dlia 10 klassa srednei shkoly Kazakhskoi SSR, uchebnoe posobie dlia 10 klassa srednei shkoly Kazakhskoi SSR. Pod red. N. P. Kalishatova. Alma-Ata, Karuchpedgiz, 1960. 141 p.

KAZAKHSTAN—HISTORY—BIBLIOGRAPHY

Themes of the dissertations for the degree of Candidate in Historical Sciences devoted to the "History of the Communist Party of Kazakhstan" and defended in 1916-1963. Vop. ist. KP Kazakh. no. 2:301-308 '64.

KAZAKHSTAN—INDUSTRIAL MANAGEMENT

Efficient helpers of the party and the Soviet state in the establishment of the material and technical foundation of communism. N. I. Petrushin. Vop. ist. KP Kazakh. no. 2:20-30 '64.

Establishment of correct norms is an inexhaustible source of economy. A. Zhuravkov, G. Khobotov. Nar. khoz. Kazakh. 24 no. 2:3-8 F '66.

Fundamental problem of economic development. T. Ashimbaev. Nar. khoz. Kazakh. 24 no. 2:10-23 F '66.

KAZAKHSTAN—INDUSTRIALIZATION

How the early organization of Kazakhstan struggled for the socialist industrialization of the Kazakh SSR. 1926-1932. R. Melikova. Vop. ist. KP Kazakh. no. 2:210-222 '64.

KAZAKHSTAN—INDUSTRIES

The Communist Party as organizer of the mutual assistance and cooperation of the Soviet peoples in the development of the national economy of Kazakhstan. S. N. Uspenski, A. Erzhanov. Vop. ist. KP Kazakh. no. 2:30-53 '64.

KAZAKHSTAN—IRON INDUSTRY

Ferrous metallurgy should be developed at a high rate. M. Darishev. Nar. khoz. Kazakh. 24 no. 2:75-78 F '66.

KAZAKHSTAN—IRRIGATION

Natural water basins, their improvement, and efficient use. I. V. Larin. Vest. sel'khoz. nauk 10 no. 7:10-18 Ju '65.

KAZAKHSTAN—KARAKUL SHEEP

Methods for improving the quality of karakuls during the processing on farms and in karakul plants. K. A. Khambayev. Vest. sel'khoz. nauk [Kazakh.] 9 no. 2:56-63 F '66.

Results of the progressive shepherd brigades of the "Chim-Kurgan" State Karakul Farm. I. A. Makurin. Trudy Mosk. vet. akad. 22 no. 2:160-172 '58.

KAZAKHSTAN—MACHINERY INDUSTRY—MANAGEMENT

Strive for regular production flow. I. Vasil'chev. Nar. khoz. Kazakh. 24 no. 2:80-81 F '66.

KAZAKHSTAN—MATERIALS

Establishment of correct norms is an inexhaustible source of economy. A. Zhuravkov, G. Khobotov. Nar. khoz. Kazakh. 24 no. 2:3-8 F '66.

KAZAKHSTAN—MEDICAL SUPPLIES

Tenth anniversary of the organization of medical supply in the regions of reclaimed virgin and wastelands of Kazakhstan. S. Subkhanberdin. Apl. dolo 15 no. 1:68-71 Ja-F '68.

KAZAKHSTAN—METALS, RARE AND MINOR

Problems concerning rare metals in Kazakhstan. G. N. Sheherba. Vest. AN Kazakh. SSR 22 no. 3:65-66 Mr '66.

KAZAKHSTAN—METASOMATISM

Magnetic susceptibility of bedrocks as an indicator of their metasomatic alterations as revealed by a study of one of the regions of northern Kazakhstan. M. I. Tolstol, G. F. Vinogradov. Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik. no. 2:146-150 '64.

KAZAKHSTAN—METEOROLOGY, AGRICULTURAL

Change in meteorological characteristics across latitudinal areas of Western Siberia, Kazakhstan, and Central Asia. E. A. Men'shikova. Probl. gidroenerg. i vod. khoz. no. 3:137-148 '65.

KAZAKHSTAN—MINERALS

Accessory minerals of the Kokkudukyube Massif and some problems of hybridism. R. N. Sobolev. Vest. Mosk. un. Ser. 4. Geol. 21 no. 1:103-111 Ja-F '66.

KAZAKHSTAN—MINING ENGINEERING

Report of the miners of the Aktyus Combina. S. H. ... Inform. bul. VDMKII no. 1:13 Ap '65.

KAZAKHSTAN—ORE DEPOSITS

Distribution of manganese, vanadium, gallium in granite old rocks in one of the regions of northern Kazakhstan. I. M. Osipovichuk. Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik. no. 2:101-109 '64.

KAZAKHSTAN—PASTURES AND MEADOWS

Irrigation of oases as an effective way of establishing a feed supply on winter pastures. T. K. Abishev. Vest. sel'khoz. nauk [Kazakh.] 9 no. 2:86-89 F '66.

KAZAKHSTAN—PEGMATITES

Metasomatic pegmatites of the Kent Massif. S. D. Dmitriev. Vest. LGU 21 no. 8:51-57 '66.

KAZAKHSTAN—PETROLEUM WORKERS—EDUCATION AND TRAINING

Training of new qualified workers is an important task. U. U. Isenbaev. Neftianik 10 no. 12:14-15 Ju '65.

KAZAKHSTAN—POULTRY

Regional coordination conference on poultry raising. O. V. Balanina. Vest. sel'khoz. nauk [Kazakh.] 9 no. 2:125 F '66.

KAZAKHSTAN—PROSPECTING—GEOPHYSICAL METHODS

Methods of the organization of geophysical prospecting in the ore regions of Kazakhstan. V. V. Vinogradov. Razved. i okh. nod. 31 no. 11:32-37 M '65.

KAZAKHSTAN—RESEARCH

Resolution of the General Assembly of the Academy of Sciences of the Kazakh SSR on the expansion of scientific, technological, and economic research in the light of the decisions of the September Plenum of the Central Committee of the CPSU. Vest. AN Kazakh SSR 22 no. 3:50-52 Mr '66.

KAZAKHSTAN—REVOLUTION, 1917-1921

An organization of the agents of foreign interventionists and the White Guards in Kazakhstan. Vop. ist. KP Kazakh. no. 2:275-300 '64.

Pakhomov, P. M. [The Communist Party as organizer of the partisan movement in Kazakhstan, 1918-1920] Kommunisticheskaia partiia - organizator partizanskoi dvizheniia v Kazakhstane, 1918-1920. Alma-Ata, "Kazakhstan," 1965. 453 p. (50-letiiu Votkogo Oktabria sovetskoiatsii)

KAZAKHSTAN—ROCKS—MAGNETIC PROPERTIES

Magnetic susceptibility of bedrocks as an indicator of their metasomatic alterations as revealed by a study of one of the regions of northern Kazakhstan. M. I. Tolstol, G. F. Vinogradov. Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik. no. 2:146-150 '64.

KAZAKHSTAN—RURAL CONSTRUCTION—CONCRETE

Potentialities of the rural builders of Kazakhstan. I. Tarasova. Ekon. stol. no. 8:11-72 Ag '64.

KAZAKHSTAN—RUSSIAN SOCIAL DEMOCRATIC PARTY

Burbaev, M. S. [Dissemination of the ideas of Marxism-Leninism in pre-revolutionary Kazakhstan] Rasprostraneniie idei marksizma-leninizma v dorevoliutsionnoi Kazakhstane. Pod red. T. Zhangoz'dina. Alma-Ata, "Kazakhstan," 1965. 228 p. (50-letiiu Votkogo Oktabria sovetskoiatsii)

KAZAKHSTAN—SOIL CONSERVATION

Strip distribution of planting. I. U. S. Adomtako. Zemledelie 28 no. 2:26-28 F '66.

KAZAKHSTAN—SOIL RESEARCH—CONGRESSES

Vsesoiuznoe obshchestvo pochvovedov. Kazakhskii filial. [Soil research in Kazakhstan; collection of papers for the 8th International Congress of Soil Scientists] Pochvovnyye issledovaniia v Kazakhstane; sbornik rabot k VIII Mezhdunarodnomu kongressu pochvovedov. Alma-Ata, Vses. ob-vo pochvovedov, 1964. 177 p. (ICRL)

KAZAKHSTAN—SOILS—POTASSIUM CONTENT

K⁴⁰ content in soils of Kazakhstan and doses of its external irradiation. G. G. Kim, B. A. Aldarkhanov. Izv. AN Kazakh. SSR. Ser. biol. nauk 4 no. 1:87-89 Ja-F '66.

KAZAKHSTAN—STANDARDIZATION

Quality and standards. P. Bolarkin, K. Petrov. Nar. khoz. Kazakh. 24 no. 2:37-40 F '66.

KAZAKHSTAN—STEEL INDUSTRY

Ferrous metallurgy should be developed at a high rate. M. Darishev. Nar. khoz. Kazakh. 24 no. 2:76-78 F '66.

KAZAKHSTAN—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Provide the sugar factories of Kazakhstan with stable bases of raw materials. A. S. Gal'perin. Sakh. prom. 40 no. 4:54-57 Ap '66.

KAZAKHSTAN—SWINE—PHYSIOLOGY

Resistance of the Kazakh hybrid swine to high summer temperatures and solar radiation. P. A. Farkov, V. A. Li, S. U. Kaldybaev. Vest. sel'khoz. nauki [Kazakh] 9 no. 2 40-55 P '66

KAZAKHSTAN—SYPHILIS

Current status and prospects for the elimination of infectious forms of syphilis in Kazakhstan. M. M. Vishniuk, Vest. dermat. i ven., no. 6:63-65 '65

KAZAKHSTAN—TILLAGE

Rotary tillage. T. I. Tarasenko, L. S. Zenin, Zemledelie 28 no. 1 75-80 Ja '66

Strip distribution of planting. I. U. S. Adomlako, Zemledelie 28 no. 2:25-26 F '66

KAZAKHSTAN—TITANITE

Some accessory niobium-titanates from Caledonian granitoids of northern Kazakhstan. A. N. Platonov, Mat. po geol., geofiz. i geokhim. Ukr., Kazakh, Zhabat no. 2: 110-115 '61

KAZAKHSTAN—TRACE ELEMENTS

Distribution of cobalt, nickel, copper, and zinc in lake deposits. A. I. Mu, R. A. Jaisova, A. B. Bekurov. Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no. 3:3-16 Ji-S '64

KAZAKHSTAN—WATER SUPPLY, RURAL

Economic effectiveness of pasture water supply in Kazakhstan. M. I. Kostikov. Gliv. i mel, 18 no. 3: 41-54 Mr '66

KAZAKHSTAN—WEATHERING

Chernokhvoiki, A. G. [Eluvium and the products of its redeposition (Kazakhstan and Central Asia)] Eliuvii i produkty ego porozhdeniya (Kazakhstan i Srednaya Azia). Moskva, Nauka, 1966. 176 p. (Akademiya nauk SSSR. Geologicheskii institut, Trudy, no. 146)

KAZAKHSTAN—WHEAT

Chemical analysis of cultivation practices. A. I. Baraev, Zemledelie 28 no. 1:32-33 Ja '66

KAZAKOVA, RIMMA

Verbal line of a quest. I. I. Idrakhin. Oklady 42 no. 4:106-108 Ap '66

KAZAN—PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

"Ogishniz" makes great progress. M. Gusev, Povol. delo no. 1 7-9 Ja '66

KAZATIN (UKRAINE)—RAILROADS—MANAGEMENT

Organization of material and technical procurement in the Kazatin locomotive depot. E. L. Revich, T. K. Trambka. Elek. i tepl. taiga 9 no. 10:4-7 O '65

KAZATIN DISTRICT—BOOKSELLERS AND BOOK-SELLING

It is a tradition now. V. Eremenko. Knizh. iorg. 17 no. 1:20 Ja '66

KEDABEK DISTRICT—RUSSIAN LANGUAGE—DIALECTS

Words of Azerbaijani origin in the dialects of Russian migrants, based on materials from the villages of Slavyanka and Novo-Saravovka in the Kedabek District of the Azerbaijan S.S.R. S. D. Kats. Uch. zap. AZI. Ser. filol. no. 3:33-61 '63

KELDYSH, VSEVOLOD MIKHAILOVICH, 1877-1905

In memory of V. M. Keldysh. Nat. i zhiz. -bel. 12 no. 2:40 F '66

KEMEROVO—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Organization and carrying out of work at the Kemerovo Housing Construction Combine. A. Zhuravet', Zhil. stroit. no. 1:20-22 '66

KEMEROVO—BOOKSTORES

Chemical workers are our exemplary customers. V. Delnogo. Knizh. iorg. 17 no. 3:23 Mr '66

A distributive bookstore. M. Potelova. Knizh. iorg. 17 no. 4:27 Ap '66

KEMEROVO PROVINCE—ARCHIVES

Showing the documentary materials of a party archives on television. A. S. Mazlukov. Vop. arkh. 8 no. 4:57-59 O-N '64

KEMEROVO PROVINCE—BOOKSELLERS AND BOOK-SELLING

What are the lessons of this experience. N. Turchin. Knizh. iorg. 17 no. 4:11-13 Ap '66

KEMEROVO PROVINCE—COAL PREPARATION PLANTS

Geologic survey in the construction of the "Chertinskii" Coal Preparation Plant. I. V. Romanov, V. A. Shapovalov, Shakh. stroit. 10 no. 3:22-23 Mr '66

KEMEROVO PROVINCE—GEOLOGY

[Study of geology of the U. S. S. R.] Geologicheskaya izuchennost' SSSR. Moskva, Nauka.

Vol. 19. [R. S. F. S. R.; Altai Territory and Kemerovo Province, period 1951-1955] RSFSR: Altaiiskii krai i Kemerovskaya oblast'; period 1951-1955.

No. 1. [Published literature] Opublikovannyye raboty, 1955, 164 p.

KEMEROVO PROVINCE—MINING ENGINEERING—STUDY AND TEACHING

Beginning with a future. S. Mironov. Prof. i-ich. obz. 23 no. 2:11 F '66

KERALA—MATHIARCHY

Council of the Rosewood Village. L. Shaposhnikova. Az. i Afr. seg. 9 no. 3:10-13 Mr '66

KERAMZIT

Gershstein, A. K., and G. A. Dralo. [Mobile dismantlable keramzit unit in rural construction] Peredvizhnaya sbornarboznaya keramzitovaya ustanovka v sel'skom stroitel'stve. [Omsk] Omskoe knizhnoe izd-vo, 1963. 17 p.

[MICROFILM]

Russia (1923- U. S. S. R.) Ministerstvo geologii.

[Keramzit and agloporite as building materials]

Keramzit i agloporit kak stroitel'nyy material Moskva, Nedra, 1966. 148 p.

Using constructional keramzit concrete for capital repair of buildings. V. D. Kirillov. Nauch. trudy AKKH no. 31 Zhil. khoz. no. 3 95-97 '64

KERAMZIT—CURING

Vsesoyuznyy nauchno-issledovatel'skii institut zhelezo-betonnnykh izdelii i nerudnykh materialov [Provisional institutions for the electrical curing of keramzit concrete wall panels during the building of series 1-464-A apartment houses] Vremennyye ustanovki po elektropogrevu keramzitobetonnykh stenovnykh paneli pri proizvodstve domov serii 1-464-A. Moskva, Stroiizdat, 1966. 44 p.

KEROSINE—TOXICOLOGY

Toxicodermatitis caused by kerosene. N. A. Torsuev, L. M. Goldstein. Vest. dermat. i ven. no. 6:77-78 '65

KETENE

Paper drying with the aqueous dispersions of the hexadecyl-ketene dimer. Report No. 3. N. P. Perekal'skii, L. N. Antonovich, Z. M. Kriukova. Trudy LITISBP no. 17:17-21 '65

KETOGLUTARIC DEHYDROGENASE

Effect of chloramphenicol on the α -ketoglutaric acid dehydrogenase activity in Escherichia coli and Proteus vulgaris. A. I. Korotkov. Mikrobiologiya 35 no. 1:13-19 Ja-F '66

KETONEMIA see Acetonomia

KETONES

Behavior of ketone peroxides in solution. Part 4: Thermal decomposition of 1,1'-dihydroperoxydicyclohexyl peroxide. Catalysis by organic acids. V. L. Antonovskii, V. A. Terent'ev. Zhur. org. khim. 2 no. 3:473-491 Mr '66

Catalytic preparation of ketones of the pyridine series. V. J. Iakson, L. I. Lifer, A. M. Rubinshteyn. Izv. AN SSSR. Ser. khim. no. 2:314-321 '66

Interaction of fluoro ketones with isonitriles. N. P. Gambarian and others. Dokl. AN SSSR 166 no. 4: 864-867 F '66

Interaction of germanium tetrachloride with some β -diketones. O. A. Osipov, V. L. Sholepina, O. E. Sholepin. Zhur. ob. khim. 36 no. 2:264-269 F '66

Iodonium derivatives of β -diketones. Part 9: Reaction of phenylthioacetate with acetylacetic acid esters. O. Nolland, B. Karselo. Zhur. org. khim. 2 no. 3:488-494 Mr '66

Polyfluoroalkylaromatic ketones and keto acids. F. I. Abegauz, N. I. Gubkina, S. V. Sokolov. Zhur. ob. khim. 36 no. 3:528-531 Mr '66

Synthesis of vinylacetylenic aromatic hydrocarbons from unsaturated ketones. T. G. Shishimakov, M. I. Borodova, I. L. Koltzarevskii. Izv. AN SSSR. Ser. khim. no. 2: 360-362 '66

KETSKHOVELI, VLADIMIR ZAKHAR'EVICH, 1876-1903

Lado Ketshkovel in the Ukraine. Z. T. Gegeshidze. Ukr. i sl. zhur. 10 no. 1:146 Ja '66

KHABAROVSK—DIESEL ENGINE INDUSTRY—MANAGEMENT

With the least expenditures. B. Pravotorov. Sov. prof. sotsy 22 no. 5:7-8 Mr '66

KHABAROVSK TERRITORY—BORING

Drilling key boreholes for the purpose of metallogenetic studies. E. P. Izokh, V. V. Onikhimovskii, V. A. IAR-moluk. Sov. geol. 9 no. 2:46-49 F '66

KHABAROVSK TERRITORY—GEOLOGY

[Study of geology of the U. S. S. R.] Geologicheskaya izuchennost' SSSR. Moskva, Nauka.

Vol. 28. [R. S. F. S. R.; Khabarovsk Territory, Amur Province; period 1951-1955] RSFSR: Khabarovskii krai, Amurskaya oblast'; period 1951-1955.

No. 1. [Published literature] Opublikovannyye raboty, 1955, 106 p.

KHABAROVSK TERRITORY—ORE DEPOSITS

Drilling key boreholes for the purpose of metallogenetic studies. E. P. Izokh, V. V. Onikhimovskii, V. A. IAR-moluk. Sov. geol. 9 no. 2:46-49 F '66

KHABAROVSK TERRITORY—WORLD WAR, 1939-1945—EDUCATION AND THE WAR

Sportsmen of Khabarovsk Territory during the Great Patriotic War. R. G. Gutlov. Teor. i prak. fiz. kul'. 29 no. 2 5-7 F '66

KHATUTIN, VLADIMIR MIKHAILOVICH

Awarding the I. M. Sechenov Prize. Vest. AN SSSR 36 no. 1 162 Ja '66

KHAKASS AUTONOMOUS PROVINCE—ART, PRIMITIVE

The carved images of gods pictured as animals in Khakassia. E. B. Vnd. tsakala. Mat. i issl. po arkheol. SSSR no. 130:174-176 '65

KHAKASS AUTONOMOUS PROVINCE—KIRGHIZ

Formation of the Khakass nation. A. A. Artyomov. Uch. zap. Osh. gos. ped. inst. no. 8:184-198 '64

KHAKASS AUTONOMOUS PROVINCE—MOUNDS

Architecture of Grishkin Log burial mounds. L. P. Zilabtin. Mat. i issl. po arkheol. SSSR no. 130:282-286 '65

KHAKASS-MINUSINSK BASIN—MAN, PREHISTORIC

The Tagarabiy period burials of warriors in the Bidzha Valley. A. N. Lipkii. Sov. arkheol. 10 no. 2:312-317 '66

KHAKASSIANS

Formation of the Khakass nation. A. A. Artyomov. Uch. zap. Osh. gos. ped. inst. no. 8:184-198 '64

KHAILOVO (CHELYABINSK PROVINCE)—IRON ORES

Efficiency of using naturally alloyed Khailovo iron to increase the resistance of molds. L. A. Bol'shakov and others. Stal' 26 no. 3 228-228 Mr '66

KHAMYSKI REGION (KRASNODAR TERRITORY)—FOREST NURSERIES

Characteristics of the soil cover in the Khamyski Forest Nursery. I. G. Gorchakov. Trudy SKLOS no. 6 227-231 Mr '64

KHANKA LAKE REGION—CLAY

Chemical composition of red clays in the deposits of the Khanka Depression. N. V. Ovsyannikov, A. I. Zatearin. Zap. Ptorm. fil. Geog. ob-va SSSR no. 1:142-144 '65

KHANLAR (AZERBAIJAN)—SEAWATER—POLLUTION

Helminthological study of the seawater of the Shikhovo beach. S. S. Effendiev. Azerb. med. zhur. 43 no. 2 63-67 F '66

KHANLAR (AZERBAIJAN)—WORMS, INTESTINAL AND PARASITIC

Helminthological study of the seawater of the Shikhovo beach. S. S. Effendiev. Azerb. med. zhur. 43 no. 2 63-67 F '66

KHARAUAKH MOUNTAINS—FIELD MICE

Some biological characteristics of Alliecia (Aschizomys) lemminus Miller. V. N. Bol'shakov. Zool. zhur. 45 no. 1:151-153 '66

KHARKOV—BOOK CLUBS

Interesting meetings. A. Dubovis. Knizh. iorg. 17 no. 4 24 Ap '66

KHARKOV—CLOTHING INDUSTRY—MANAGEMENT

Direct contractual relations and their efficiency. V. Nal'mark. Ekon. Rad. Ukr. 9 no. 3 60-65 Mr '66

KHARKOV—INDUSTRIAL MANAGEMENT—STUDY AND TEACHING

Place of the House of Technology in the dissemination of the knowledge of economics. L. Kravchenko. Ekon. Rad. Ukr. 9 no. 3 61-63 Mr '66

KHARKOV—MILITARY EDUCATION

The 25th anniversary of a military school. L. Chernukha. Voenn.-isl. zhur. 8 no. 3:126-128 Mr '66

KHARKOV—PUBLIC PROSECUTORS

One day in the regional procuracy. M. Gat'man. Sots. zakon. 43 no. 3:55-57 Mr '66

KHARKOV—SLAVIC STUDIES

Scholarly research of Kharkov Slavists in the field of the history of Slavic countries. V. V. Sukharev, G. I. Chernavskii. Sov. slav. no. 2:122-125 '65

KHARKOV—THEATER

In defense of dignity. A. Marlamov. Teatr 27 no. 2:26-31 F '66

KHARKOV—THEATERS—DESIGN AND CONSTRUCTION

Practices in the design and construction of general-purpose halls with suspension roofs. V. S. Vasil'ev, I. U. A. Pjaskalov, V. A. Rousov. Stroit. i arkh. [sbornik] no. 2: 55-64 '65

KHARKOV—TRACTOR INDUSTRY—MANAGEMENT

Mechanization of the planning and economic operations. A. I. Mikhailenko, I. U. I. Kovalenko. Mashinostroi' no. 3:13-14 Mr '66

KHASAN, LAKE—FISHES

Ichthyofauna of Lake Khasan. T. P. Korotkin, Ryb. khoz., 42 no. 2:26 '66.

KHASAN REGION (MARITIME TERRITORY)—MOLES (ANIMALS)

A new mole species in the Soviet Union. M. V. Obhotina, Zap. Prikl. biol. Geog. ch.-va SSSR no. 14:51-54 '65.

KHERASKOV, NIKOLAI PAVLOVICH, -1965

Nikolai Pavlovich Kheraskov, obituary. Biol. MOIP, Otd. gos., 41 no. 1:100-104 Ja-F '66.

KILNENSON—ROOFING, CONCRETE

Practices in introducing prestressed hip panels. P. Grigoriev, A. Kosov, I. Lutsenko. Stroitel' arkhitekt. 12 no. 4:37-34 Ap '61.

KHIBINY MOUNTAINS—MINERALS

Some secondary minerals from the Khibiny Mountains. P. N. Chirvinitskii, Min. shor. 19 no. 1:35-41 '65.

KHILOVO REGION (PSKOV PROVINCE)—MINERAL WATERS

Oxidation-reduction state of the Staraya Russa and Khilovo mineral waters. A. I. Korotkov, Zap. LGI 48 no. 2:81-87 '65.

KHIVA KHANATE—FOREIGN ECONOMIC RELATIONS—RUSSIA

Sidykov, A. S. [Economic relations of Khiva and Russia in the second half of the 19th and the beginning of the 20th century] Ekonomicheskie svyazi Khivy s Rossiya v vtoroi polovine XIX - nachale XX vv. Tashkent, Izd-vo "Nauka" UzSSR, 1965, 181 p. (Tashkent Universitet. Nauchnye trudy, no. 296. Istoricheskie nauki, no. 57)

KHIVA OASIS—MAN, PREHISTORIC

A house of the Keltiminar cultural type. M. P. Grlaznov, Mat. i issl. po arkheol. SSSR no. 130:99-103 '65.

KHMELETSKIY PROVINCE—COLLECTIVE FARMS

New developments in collective farm villages. E. Lazvin'skaya, Kommunist 42 no. 5:34-37 Mr '66.

KHMELETSKIY PROVINCE—COLLECTIVE FARMS—MANAGEMENT

Specialization is an important potential for the increase of production. N. Bubnovskii, Ekon. sci' khaz., 41 no. 2:11-21 F '66.

KHMELETSKIY PROVINCE—RURAL CONSTRUCTION

Mechanized column does assembling work. L. Sataluk, Stl. bud., 15 no. 3:9-10 Mr '65.

KHODAS, KONSTANTIN IAKOVLEVICH, 1911-1985

K. I. A. Khodas; obituary. Mias. ind. SSSR 37 no. 1:52 '66.

KHOREZM OASIS see Khiva Oasis

KHOREZM PROVINCE—COTTON GROWING

Problems of the further development of cotton growing in Khorezm. B. Rakhimov, Ekon. i zhizn' 8 no. 1:68-73 Ja '65.

KIDNEY FUNCTION TESTS

Effect of cortisone and prednisone on the renal excretion of water and electrolytes in mice and rats. I. I. Ivanov, Farm. i toka., 29 no. 1:80-88 Ja-F '66.

Functional state of the kidneys in pulmonary tuberculosis before and after radical surgery. M. I. Korogoda, Probl. tub., no. 5:42-44 '65.

KIDNEYS—ABNORMALITIES AND DEFORMITIES

Some characteristics of the X-ray diagnosis of calculi in a solitary kidney. A. M. Volno-Iasenskiy, V. M. Perel'man, Sov. med., 27 no. 5:48-53 My '64.

KIDNEYS—BLOOD SUPPLY

Effect of vasopressin on the vascular system of the renal substance medullaris. L. N. Ivanova, L. K. Kurduban, T. V. Petekhtval'skaya, Fiziol. zhur., 52 no. 3:302-307 Mr '66.

KIDNEYS—CANCER

Embryonic kidney tumors in children. V. L. Drobner, Shor. nauch. rab. vrachei Kar. ASSR no. 4:193-195 '62.

KIDNEYS—DISEASES

Pathogenesis and treatment of renal colic: clinical experimental study. K. M. Muradian, Klin. khir., no. 4:70-75 '65.

KIDNEYS—RADIOGRAPHY

Method and technique of transvenous aortorenovasography in renal tuberculosis. V. B. Sytenko, Klin. khir., no. 6:87-89 '65.

KIDNEYS—TRANSPLANTATION

Experimental construction of a model for transplantation of the kidney into the pelvis. M. E. Charkasova, Eksp. khir. i anest., no. 4:51-53 '65.

KIDNEYS—TUBERCULOSIS

Method and technique of transvenous aortorenovasography in renal tuberculosis. V. B. Sytenko, Klin. khir., no. 6:87-89 '65.

KIEV—AERONAUTICS, COMMERCIAL—STUDY AND TEACHING

How are studies treating you. A. Tioshch, Gruzhd. av., 23 no. 1:20-21 Ap '66.

KIEV—BAKERIES—TECHNOLOGICAL INNOVATIONS

New developments in the technology of Kiev Bakery No. 3. L. M. Nyzhovshapko, Khar. prom., no. 1:9-10 Ja-F '66.

KIEV—CONFECTIONERY INDUSTRY—MANAGEMENT

New planning system and direct relations with the retail trade. M. M. Seiglenko, Khleb. i kond. prom., 10 no. 3:32-33 Mr '66.

KIEV—CONSTRUCTION INDUSTRY—FINANCE

Indices of the financial operation of construction. N. Tsalik, I. Prushanskii, Bukh. uch. et., no. 2:22-24 F '66.

KIEV—EDUCATION, COOPERATIVE

Selecting the production work for students. I. M. Kulnichenko, Shkola i polivz., 9 no. 3:10-12 Mr '65.

KIEV—MOTOR VEHICLE DRIVERS

Innovator and social worker. V. Kushch, Avt. transp., 44 no. 2:10 F '66.

KIEV—PHARMACEUTICAL RESEARCH

Work results of the Department of the Technology of Medicinal Forms and Galenicals of the Kiev Institute for Advanced Training of Physicians during the past ten years. I. A. Val'skii, Farmats. zhur., 20 no. 4:71-76 '65.

KIEV—PLASTICS INDUSTRY—MANAGEMENT

Joint success. O. Kolomilets, Ekon. Rad. Ukr., 9 no. 3:86-87 Mr '66.

KIEV—RADIO ADDRESSES, DEBATES, ETC.

"The cause that you serve." V. Korotich, Sov. radio i tel., 12 no. 4:30-32 Ap '63.

KIEV—SHOE MANUFACTURE

From the experience of the work in the Kiev Shoe Factory No. 1. P. I. Ustasjuk, Leh. prom., no. 1:29-31 Ja-F '66.

KIEV—SLAVIC STUDIES

Studying the history of the Slavic countries outside the U. S. S. R. at the T. H. Shevchenko University in Kiev. A. K. Martynenko, Sov. slav., no. 2:120-122 '66.

KIEV—SUBWAYS

Darnitsa line of the Kiev subway is in operation. L. Saprykin, V. Popravko, Stroitel' arkhitekt. 14 no. 1:21-23 Ja '66.

KIEV—ZOOLOGICAL GARDENS

Reconstruction of the Kiev zoo. V. Mikhailov, Stroitel' arkhitekt., 14 no. 1:10 Ja '66.

KIEV HYDROELECTRIC POWER STATION—DESIGN AND CONSTRUCTION

Use of the C-620 hydraulic vibration unit for sand compaction in cells of junction abutments of the hydroelectric power station building. H. I. Gubina, A. M. Chernukhin, Gid. st. i ot., 35 no. 2:31-33 F '65.

KIEV HYDROELECTRIC POWER STATION—ELECTRIC EQUIPMENT

Installation of the electric equipment of the Kiev Hydroelectric Power Station. A. B. Glitsburg, Energ. stroit., no. 7:76-80 '65.

KIEV HYDROELECTRIC POWER STATION—LOCKS (HYDRAULIC ENGINEERING)

Special characteristics of lock mechanisms of the Kiev hydroelectric system. V. I. Martenson, V. V. Sadovenko, Energ. stroit., no. 5:16-21 '65.

KIEV PROVINCE—BUILDING

More on the quality of construction. I. U. Krivda, Stroitel' arkhitekt., 14 no. 1:27 Ja '66.

KIEV PROVINCE—FORTIFICATIONS, OLD

Fortresses of Prince Vladimir on the Stugna. B. A. Rybakov, Krat. soob. Inst. arkheol., no. 100:126-129 '65.

KIEV PROVINCE—INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

Combine for plant construction. N. Mikhailov, V. Dolotov, I. Milsmaeker, Ekon. stroit., no. 8:25-29 Ag '64.

KIEV PROVINCE—PRECAST CONCRETE CONSTRUCTION

Combine for plant construction. N. Mikhailov, V. Dolotov, I. Milsmaeker, Ekon. stroit., no. 8:25-29 Ag '64.

KIEV PROVINCE—RADIOBROADCASTING

Fruits of the new. A. Petruschenko, Sov. radio i tel., 12 no. 4:17-18 Ap '63.

KIEV PROVINCE—RURAL CONSTRUCTION—FINANCE

Improve the control of the efficient use of capital investments in collective farms. N. Shvarisman, Stl. bud., 15 no. 3:20-21 Mr '65.

KILNS

Setting of long thin-walled castings and tubes made of pure oxides in kilns for firing. I. F. Usatkov, Ogneupory 31 no. 2:20-21 '66.

KILNS—COMBUSTION

Vibratory combustion furnaces with panel burners. R. M. Sheinin, Khim. i tekhn. topl. i masel. 11 no. 4:43-46 Ap '66.

KILNS—EQUIPMENT AND SUPPLIES

Portable fireproof gate. K. Smyrnov, Stl. bud., 15 no. 3:10-17 Mr '65.

Selecting designs of gas burners in tunnel kilns. I. Sh. Sheinin, Stroitel' mat., 12 no. 3:21-25 Mr '66.

KILNS, ROTARY

Geodetic measurements of the diameters of the linings of rotary kilns. G. G. Anisashenko, Izv. vuz. ucheb. zav., stroitel' arkhitekt. 9 no. 1:180-163 '66.

Investigating the 5/165m. rotary kiln. I. N. Kalugha, O. A. Nosvishskii, Stroitel' dor. mash., 10 no. 11:2-4 N '66.

KILNS, ROTARY—FOUNDATIONS

Establishing the power coefficient for the casing of a rotary kiln and its foundation. A. A. Vopltov, Trudy Giprotsement no. 28:129-153 '64.

KINDERGARTEN

Peace smile. I. Kareeva, Doshk. vosp., 39 no. 2:10-12 F '66.

How to open a kindergarten and create conditions for diverse children's activities. Doshk. vosp., 39 no. 2:29-31 F '66.

KINDERGARTEN—MUSIC

Music around you. G. Vul'ison, Doshk. vosp., 39 no. 2:65-69 F '66.

KINDERGARTENS

(see also subdivision under Moscow)

Kindergarten is the pride of a collective farm. V. Babakova, N. Ovchinnikova, Doshk. vosp., 39 no. 3:24-27 Mr '66.

Kindergarten of the village Makovo. N. Kurisava, Doshk. vosp., 39 no. 3:106 Mr '66.

Problems in the organization of a system of preschool institutions in agricultural areas. N. M. Demin, Stroitel' arkhitekt. [zhurnal] no. 2:157-164 '65.

True love. N. Ushina, Doshk. vosp., 39 no. 3:28-30 Mr '66.

Why collective and state farms should have a kindergarten. Doshk. vosp., 39 no. 3:3-5 Mr '66.

KINDERGARTENS—DESIGN AND CONSTRUCTION

(see also subdivision under Leningrad; Ukraine)

Practices in designing and constructing consolidated institutions for children. I. G. Korol', V. A. Svitko, Stroitel' arkhitekt. [zhurnal] no. 2:3-10 '65.

KINEMATICS OF MACHINERY see Machinery, Kinematics of

KINETICS see Motion

KING, PHILIP BURKE, 1903-

Well-known American scientist Professor Philip B. King in the Moscow University. N. V. Koronovskii, Vses. Mosk. un. Ser. 4: Geol., 21 no. 1:112-113 Ja-F '66.

KIPCHAK (KHANATE) see Golden Horde

KIRGHIZ see subdivision under Khakas Autonomous Province; Tajikistan

KIRGHIZISTAN—ADMINISTRATIVE AND POLITICAL DIVISIONS

[Kirghiz S. S. R.; administrative and territorial division as of April 1, 1959] Administrativno-territorial'noe delenie na 1 aprilia 1959 goda. Izd. 5. Frunze, Kirgizgostizdat, 1959. 78 p. [in Kirghiz and Russian]

KIRGHIZISTAN—AGRICULTURE—ECONOMIC ASPECTS

Problem of the development of capitalist relations in the agriculture of the northern regions of Kirghizistan. R. B. Doronokova, Uch. zap. Osh. gos. ped. inst., no. 8:123-135 '64.

KIRGHIZISTAN—BOTANY—ECOLOGY

Academy of Sciences Kirghiz SSR, Frunze, Institut biologii. [Geobotanical studies in Kirghizia] Geobotanicheskie issledovaniia v Kirgizii. Pod red. I. V. Vykhoditsava. Frunze, Ilim, 1965. 114 p.

KIRGHIZISTAN—COLLECTIVE FARMS

From March to March. I. Tarasov, Agitator 33 no. 5:23-24 Mr '66.

History of the collectivization of the nomadic peasants of Kirghizistan. Dzh. S. Baktygulov, Uch. zap. Osh. gos. ped. inst., no. 8:54-74 '64.

KIRGHIZISTAN—COLLECTIVE FARMS—LAWS AND LEGISLATION

Tebayev, U.I. [Rights and duties of collective farmers, based on materials from the Kirghiz S.S.R.] Prava i obiazannosti kolhoznikov, po materialam Kirgizskoi SSR. Frunze, Ilim, 1966. 71 p.

KIRGHIZISTAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The 14th Congress of the Communist Party of Kirghizistan. Part. zhizn' no. 6:51-63 M1 '66

KIRGHIZISTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Noble objectives of political propaganda. B. Muratbayev. Agitator 33 no. 7:14-17 Ap '66

A reward. T. Bogomazova. Agitator 33 no. 3:2-20 F '66.

KIRGHIZISTAN—DAIRY INDUSTRY—FINANCE

Moldokulov, Aldarkan. [Basic means for increasing the economic efficiency of capital investments in the meat and milk industries] Osnovnye puti povysheniya ekonomicheskoi effektivnosti kapital'nykh vlozhenii v miaznoe i molochnoi promyshlennosti. Frunze, Ilim, 1965. 79 p.

KIRGHIZISTAN—ECONOMIC CONDITIONS

Omuraliev, Ashimkan. [Close cooperation and mutual assistance of the peoples is a powerful source of the economic development of Kirghizistan] Bratskoe sotrudnichestvo i vzaimopomoshch' narodov - mogutlii istochnik razvitiya ekonomiki Kirgizii. Frunze, "Kyr-gyzstan," 1964. 111 p. (CS-11)

KIRGHIZISTAN—ELECTRIFICATION

Electrification of Kirghizistan in the period of the prewar five-year plans. I. G. Grishakov. Uch. zap. Osh. gos. ped. inst. no. 8:3-23 '64.

KIRGHIZISTAN—INDUSTRIES

Academian nauk Kirgizskoi SSR, Frunze, Institut ekonomiki. [Development of the productive forces of the Kirghiz S.S.R. in perspective] Razvitie proizvoditel'nykh sil Kirgizskoi SSR v perspective. Frunze, Ilim, 1966. 72 p.

The development of small industry in Kirghizistan in the late 19th and early 20th centuries. S. A. Atokulov. Uch. zap. Osh. gos. ped. inst. no. 8:97-122 '64.

KIRGHIZISTAN—ISLAM AND POLITICS

Policy of the pre-revolutionary government toward Islam in the late 19th and early 20th centuries. S. Dorzhenov. Uch. zap. Osh. gos. ped. inst. no. 8:165-172 '64.

KIRGHIZISTAN—ISLAM IN LITERATURE

The struggle of progressive Kirghiz thinkers against the reactionary ideology of Mohammedanism in the late 19th and early 20th centuries. A. A. Chukubayev. Uch. zap. Osh. gos. ped. inst. no. 8:147-164 '64.

KIRGHIZISTAN—LABOR AND LABORING CLASSES

Changes in the structure of the laboring classes of Kirghizistan during the Great Patriotic War. B. Ch. Chukushov. Uch. zap. Osh. gos. ped. inst. no. 8:37-41 '64.

KIRGHIZISTAN—LEGISLATIVE BODIES

Trepunbekov, Rafik. [Development of democratic forms in the work of the Supreme Soviet of the Kirghiz S.S.R. at the present] Razvitie demokraticheskikh form deiatel'nosti Vorkhevnogo Soveta Kirgizskoi SSR v sovremennyy period. Frunze, Ilim, 1966. 116 p.

KIRGHIZISTAN—MEAT INDUSTRY—FINANCE

Moldokulov, Aldarkan. [Basic means for increasing the economic efficiency of capital investments in the meat and milk industries] Osnovnye puti povysheniya ekonomicheskoi effektivnosti kapital'nykh vlozhenii v miaznoe i molochnoi promyshlennosti. Frunze, Ilim, 1965. 79 p.

KIRGHIZISTAN—MOUNTAINS

Akademii nauk Kirgizskoi SSR, Frunze, Otdel geogra-fii. [Geographical research on the alpine depressions of Kirghizistan in connection with their reclamation] Geograficheskie issledovaniya vysokogorn'nykh vpadin Kirgizii v svyazi s ikh osvoeniem. Otv. red. D. I. Isaev. Frunze, Ilim, 1966. 161 p. (NIC)

KIRGHIZISTAN—NOMADS

History of the collectivization of the nomadic peasants of Kirghizistan. Dzh. S. Baktygulov. Uch. zap. Osh. gos. ped. inst. no. 8:54-74 '64.

KIRGHIZISTAN—PHYTOGEOGRAPHY

Akademii nauk Kirgizskoi SSR, Frunze, Institut biologii. [Geobotanical studies in Kirghizia] Geobotanicheskie issledovaniya v Kirgizii. Pod red. I. V. Vykhodtseva. Frunze, Ilim, 1966. 114 p.

KIRGHIZISTAN—POLITICS AND GOVERNMENT

History of the establishment of the Soviet state of the Kirghiz nation. A. D. Dzhushev. Uch. zap. Osh. gos. ped. inst. no. 8:75-87 '64.

New developments in the organization and work of the Soviets in the Kirghiz S.S.R. K. D. Dikambaev. Sov. gos. prav. no. 9:45-54 S '59

KIRGHIZISTAN—RESEARCH

History of the work of the Scientific Committee attached to the Council of People's Commissars of the Kirghiz S.S.R. V. M. Petrovets. Uch. zap. Osh. gos. ped. inst. no. 8:88-96 '64

Role of the Kirghiz institutions of higher learning of the training of skilled specialists and the development of science. Sh. T. Esengaraeva. Uch. zap. Osh. gos. ped. inst. no. 8:24-35 '64

KIRGHIZISTAN—SOCIAL CONFLICT

History of the class struggle in northern Kirghizistan in the second half of the 19th century. A. Kh. Khasanov. Uch. zap. Osh. gos. ped. inst. no. 8:142-146 '61

KIRGHIZISTAN—SYRPHUS FLIES

New and little-known species of syrphus flies (Diptera, Syrphidae) from Kirghizia. L. V. Pek. Ent. oboz. 45 no. 1:189-196 '66.

KIRGHIZISTAN—THEATER

Guests from Kirghizia. V. Ryzhova. Teatr 26 no. 7:38-42 Ji '65.

KIRGHIZISTAN—UNIVERSITIES AND COLLEGES

Role of the Kirghiz institutions of higher learning in the training of skilled specialists and the development of science. Sh. T. Esengaraeva. Uch. zap. Osh. gos. ped. inst. no. 8:24-35 '64.

KIROV, SERGEI MIRONOVICH, 1886-1934

Ardent tribune. S. Poles'ov. Otkrieni' 12 no. 3:195-197 Mr '66.

Faithful disciple of Lenin and fiery tribune. M. Akopov. Komm. Vooruzh. Sil 47 no. 6:83-86 Mr '66.

A fiery tribune of the revolution. Part. zhizn' no. 6:71-76 Mr '66.

He is in the worker's heart forever! On the 80th anniversary of S. M. Kirov's birthday. A. Vitkhov. Sov. profsoyuz 22 no. 6:16-17 Mr '66.

The party's favorite. A. Vitkhov. Sov. voyn 48 no. 6:15 '66.

S. M. Kirov and the formation of military and civilian public health in the lower Volga Valley from 1918 to 1919. N. S. Trizno. Voen.-med. zhur. no. 2:91-92 F '66.

Soviet scientists and scholars on S. M. Kirov. D. T. Subbotin. Ist. SSSR 10 no. 2:116-130 Mr-Apr '65.

A tribune of the party; on the 80th anniversary of S. M. Kirov's birth. S. Sinevnikov. Agitator 33 no. 3:18-20 F '66.

KIROV PROVINCE—LANDFORMS

Relief of the modern surface of the crystalline basement of the northeastern part of Kirov Province. E. A. Maeva. Neftgaz. geol. i geofiz. no. 2:3-7 '66

KIROV PROVINCE—PEAT Bogs

Preparation of new areas by means of MPC-1, 2 machines during the winter season. D. P. Kopylov. Toif. prom. 43 no. 1:11-12 '66.

KIROVABAD—ARTERIOSCLEROSIS

Study of the distribution of atherosclerosis in different professional groups of the population of Kirovabad. S. M. Kerimov and others. Azerb. med. zhur. 43 no. 1:49-58 Ja '66.

KIROVABAD—CHEMICAL INDUSTRIES—MANAGEMENT

From an unprofitable to a profitable one. I. A. Karpov. Sov. profsoyuz 22 no. 3:9-11 F '66.

KIROVOGRAD—AGRICULTURAL MACHINERY INDUSTRY

Small beginnings have great potentialities. S. Linavichenko. Agitator 33 no. 7:23-27 Ap '66.

KIROVOGRAD PROVINCE—BOOKSELLERS AND BOOK-SELLING

Prompted by life. G. Solod. Knizh. org. 17 no. 4:23 Ap '66.

KIROVSK REGION—DULBS (BOTANY)

Morphological variability of tubaceous plants in the Polar-Alpine Botanical Garden. B. N. Gotovkin. Bot. zhur. 51 no. 1:85-100 Ja '66.

KISELEV, SERGEI VLADIMIROVICH, 1905-1962

S. V. Kiselev. L. R. Kyzlasov. V. P. Lavashova. Mat. i issl. po arkheol. SSSR no. 130:7-12 '66.

KISELEV, SERGEI VLADIMIROVICH, 1905-1962—BIBLIOGRAPHY see Bibliography—Kiselev, Sergei Vladimirovich, 1905-1962

KISHINEV—BOOKSELLERS AND BOOKSELLING

Friend and adviser. I. Ostrovskii. Knizh. org. 17 no. 1:21 Ja '66.

KISHINEV—TAX COLLECTION

Study is a key to success. V. Blashov. Fin. SSSR 40 no. 3:75-77 Mr '66.

KISHINEV—WORMS, INTESTINAL AND PARASITIC

Epidemiology of some helminthozoonoses in synanthropic foci. V. S. Kuznetsova, N. M. Marti, L. A. Abramova. Trudy Kish. gos. med. inst. 14:173-175 '61.

KISLOVODSK—LIBRARIES, CHILDREN'S

Not a week but all year round. G. Kozets. Bibliotekar' 13 no. 3:32-31 Mr '66

KITES

Kites. Kiy. 1. od. 17 no. 3:28-29 Mr '66.

KIVU, LAKE—METHANE

Methane field of Lake Kivu. I. N. Otefinkov. Geol. nefti i gasa 10 no. 2:82-84 F '66.

KIZEL BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Results of comparative studies of the "miporite" No. 1 and PZhB-20 ammonite in the mines of the "Kizelugol" Combine. S. A. Petrov, V. G. Zil'beishmidt, I. N. Brovin. Ugol' 41 no. 3:61-68 M1 '66

KIZEL BASIN—COAL MINES AND MINING—SAFETY MEASURES

Results in mining the Kizel Basin seams subject to rock bumps. V. A. Litvin. Ugol' 41 no. 2:63-67 F '66.

KIZEL BASIN—PALYNOLOGY

Preliminary data on the comparison of the Lower Cambrian fossiliferous spore-pollen complexes of terrigenous sediments in the Kizel Basin, Ural Mountain region, and Volga-Ural oil-bearing region. R. V. Burylova, E. M. Naugodnikova. Nauch. trudy Perm. politekh. inst. no. 12 pt. 2:3-9 '64.

KIZIL KUM see Kyzyl Kum

KLAIPEDA—FISH, CANNED

Improvements at the Klaipeda Canning Factory. I. U. Maslennikov. R. Gorbunova. Ryb. khoz 10 no. 8:63-65 '64

KLIUCHAREV, BORIS VASIL'EVICH, 1906-

Professor Boris Vasil'evich Kliucharev; on his 60th birthday. Vop. onk. 12 no. 3:123 '66.

KLYSTRONS—OSCILLATIONS

Oscillatory spectral line width in a reflex klystron. S. A. Kornilov. Zhur. tekhn. fiz. 36 no. 1:153-173 Ja '66.

KNEE—DISEASES

Pathomorphological and histochemical changes in tuberculous synovitis and osteoarthritis of the knee joint. N. I. Kirkesant. Sob. AN Gruz. SSR 41 no. 1:183-190 Ja '66.

KNEE—SURGERY

Alloplasty of the anterior cruciate ligament of the knee joint; experimental study. D. A. Telushchenko. Azerb. med. zhur. 42 no. 1:35-39 N '65.

Prevention of postoperative contractures following surgery on the knee joint using a wide parapatellar approach. I. A. Movshovich. Ortop., travm. i protez. 27 no. 3:81-83 Mr '66.

Treatment of lesions of the ligamentous apparatus of the knee joint. I. R. Voronovich. Ortop., travm. i protez. 27 no. 3:29-35 Mr '66.

KNIT GOODS

Manufacture of a new type of slightly stretchable knit cloth. Z. N. Shliakhova. Tekst. prom. 26 no. 3:49-51 Mr '66.

Piling of knit goods made from bulky loop yarn. V. M. Shavlik. Lezh. prom. no. 1:14-16 Ja-F '66.

KNIT GOODS—STANDARDS

Significance of the objective standard indices for the improvement of the quality of knit goods. L. B. Kal'nyts'kyy. Lezh. prom. no. 1:16-18 Ja-F '66.

KNIT GOODS INDUSTRY

Experience in the manufacture of women's tights in the "Avrora" Factory. Z. G. Romanenko. Tekst. prom. 28 no. 3:44 Mr '66.

KNIT GOODS INDUSTRY—EQUIPMENT AND SUPPLIES

Unit for moistening bulky loop yarn. B. A. Kunis, H. K. Khoch. Lezh. prom. no. 1:54 Ja-F '66.

KNIT GOODS INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Lvov

KNITTING MACHINES

Nonuniformity of length of garment cuts manufactured on rib circular knitting machines. K. D. Mikhailov, N. F. Shevtsov. Izv. vys. ucheb. zav., tekhn. leg. prom. no. 1:87-90 '66.

Type 10/AE Cotton machine for the manufacture of knit outerwear. L. K. Vashchyn'skyy. Lezh. prom. no. 1:41-42 Ja-F '66.

KNITTING MACHINES—TRANSMISSION DEVICES

Analysis of the thermal conditions of the transmission on the KOVO (Czechoslovakia) interlock circular knitting machine. V. P. Serduk. Izv. vys. ucheb. zav., tekhn. leg. prom. no. 1:118-126 '66.

KNOWLEDGE, THEORY OF

Concerning the gnosological form of natural science knowledge. I. V. Bychko. Filos. probl. such. pryrod. no. 4:12-19 no. 4:12-10 '65.

KRASNOYARSK—TECHNICAL EDUCATION—ECONOMIC ASPECTS

Turyshch, A. M. [Economic substantiation of diploma projects on technological subjects at the Siberian Technological Institute, methods manual] Ekonomicheskie obosnovaniye diplomnykh proektov tekhnologicheskikh spetsial'nostei Sibirskogo tekhnologicheskogo instituta, metodicheskoe posobie. Krasnoyarsk, Sibirskiy tekhnolog. in-t., 1963 05 p.

KRASNOYARSK—THEATER

Why addresses are being changed. IU, Dimitriy Teatr 27 no. 1, 68-98 Ja '66

KRASNOYARSK HYDROELECTRIC POWER STATION—AGGREGATES (BUILDING MATERIALS)

Adjusting of the washing and grading plant for the construction operations at the Krasnoyarsk Hydroelectric Power Station. V. G. Fralkin. Energ. stroit. no. 5 83-85 '65

KRASNOYARSK HYDROELECTRIC POWER STATION—CONCRETE DAMS

Concrete of the dam of the Krasnoyarsk Hydroelectric Power Station. TS. G. Ginzburg, N. A. Zinchenko, G. F. Skovitsova. Gidrostroitel. 36 no. 2-6-12 F '66.

KRASNOYARSK HYDROELECTRIC POWER STATION—GATES, HYDRAULIC

Effective method for choosing spillway gates for large reservoirs. A. M. Startsev. Energ. stroit. no. 7 55-56 '65.

KRASNOYARSK HYDROELECTRIC POWER STATION—SPILLWAYS

Effective method for choosing spillway gates for large reservoirs. A. M. Startsev. Energ. stroit. no. 7 55-56 '65.

KRASNOYARSK TERRITORY—BOTANY

Interesting floristic discoveries in the southern part of Krasnoyarsk Territory. I. M. Krasnoborov. Rast. pokr. Krasnaya no. 2 213-219 '65.

KRASNOYARSK TERRITORY—PARASITES—SHEEP

Krasnoyarsk. Gosudarstvennyy pedagogicheskii institut. [Investigation of diseases in sheep (monieziasis and hyalineleiasis) and measures for their control on farms in Krasnoyarsk Territory] Kishchnyye tsistodozy ovets (moniezioz i tizaniezioz) i mery bor'by s nimi v khozstvennykh Krasnoyarskogo kraia. Krasnoyarsk, 1964. 75 p. [DUAL MICROFILM]

KRASNOYARSK TERRITORY—PHOSPHORITES

Technological study of phosphorites from the Krasnoyarsk Territory. V. I. Kolmogorova. Khim. prom. 41 no. 11: 829-831 N '65.

KRASNOYARSK TERRITORY—STATE FARMS—COSTS

Use of standards in planning for costs. S. Kerskanov, M. Bolgaev. Upravl. sel'khoz. 41 no. 2 73-78 F '66.

KRASNOYARSK TERRITORY—STRIP MINING—EQUIPMENT AND SUPPLIES

Winter open-air storage of motor trucks in the open-pit mines of Krasnoyarsk Territory. Z. G. Pogorelov. Gorn. zhur. no. 3 11-44 Mi '66.

KRASNOYARSK TERRITORY—WHEAT

Tilling before sowing and types of tillage implements. N. V. Skladnev, E. M. Mikhalev. Zemledelo 28 no. 2 68-71 F '66.

KRASNOYE, LAKE (LENINGRAD PROVINCE)—WATER—MICROBIOLOGY

Dynamics of bacterial population, generation time and bacterial production in the water of Lake Krasnoye (Punno-Yarvi). V. G. Dabkova. Mikrobiologiya 34 no. 6: 1063-1069 N-D '65.

KRASNOYE LAKE REGION (LENINGRAD PROVINCE)—METEOROLOGY

Some characteristics of the diurnal variation of meteorological elements over land and lake. G. M. Dagrova. Izv. Vses. geog. ob-va 98 no. 1 57-62 Ja-F '66

KRIVOY ROG—MINING RESEARCH

At the Krivoy Rog Administration of the Scientific Technological Society for Ferrous Metallurgy. B. D. Ostrovskii. Gorn. zhur. no. 3 78-79 Mr '66.

KRIVOY ROG BASIN—AMPHIBOLES

Amphiboles of the metamorphic formation of the Krivoy Rog Basin. O. I. Shevchenko. Min. sbor. 19 no. 1: 69-76 '65.

KRIVOY ROG BASIN—BISMUTH ORES

Bismuth mineralization in migmatites of the Krivoy Rog Basin. F. I. Solov'eva. Min. sbor. 19 no. 1 86-93 '65.

KRIVOY ROG BASIN—GEOLOGICAL TIME

Time scale of mobile zones as revealed by a study in the Krivoy Rog Basin. V. A. Kudelia. Dop. AN URSS no. 1: 65-69 '66.

KRIVOY ROG BASIN—GRAVITY PROSPECTING

Efficiency of gravity prospecting in the mines of the Krivoy Rog Basin. A. A. Ivan'kov and others. Razved. i otn. no. 32 no. 2 58-59 F '66

KRIVOY ROG BASIN—IRON MINES AND MINING

Analysis of the use of salary funds at the "Dzerzhinskii" Mining Administration. P. A. Rusanenko. Gorn. zhur. no. 3 11-15 Ms '66.

KRIVOY ROG BASIN—IRON MINES AND MINING—ECONOMIC ASPECTS

Results of the concentration of operations at the "Saksgan" mine. N. V. Gritsenko and others. Gorn. zhur. no. 3 16-19 Mi '66.

KRIVOY ROG BASIN—IRON MINES AND MINING—EQUIPMENT AND SUPPLIES

Better use of equipment in the mines of the "Dzerzhinskii" Trust. G. S. Zymalov. Gorn. zhur. no. 3 7-10 Mi '66.

KRIVOY ROG BASIN—IRON ORES

Manifestation of ferruginous metasomatosis in the Arceose horizon of the Krivoy Rog Basin. N. V. Teplytska. Geol. zhur. 25 no. 1 92-98 '65.

KRIVOY ROG BASIN—METASOMATISM

Manifestation of ferruginous metasomatosis in the Arceose horizon of the Krivoy Rog Basin. N. V. Teplytska. Geol. zhur. 25 no. 1 92-98 '65.

KRIVOY ROG BASIN—MINE BUILDINGS—FOUNDATIONS

Building caissons in the Krivoy Rog basin. A. I. A. Tolgovitskii. Shkhit. stroit. 10 no. 2 19-23 F '66.

KRIVOY ROG BASIN—ORE DRESSING PLANTS—EQUIPMENT AND SUPPLIES

Automatic control of filtrate pumps at the plants of the Southern Mining and Ore Dressing Combine. P. N. Dutchenko. Gorn. zhur. no. 3 50-52 Mr '66.

KRIVOY ROG BASIN—RAILROADS, INDUSTRIAL—EMPLOYEES

Creativeness of the efficiency promoters in the transportation shops. L. Itkin. Elek. i topl. torga 10 no. 3 10-19 Mi '66.

KRIZANIC, JURAJ, 1618-1683

Juraj Krizanic's unknown treatise. L. M. Mordukhovich. Sov. slav. no. 2 86-70 '66.

KROKOS, VOLODYMYR IVANOVYCH, 1889-1930

Volodymyr Ivanovich Krokos. Geol. zhur. 25 no. 1 101-106 '65.

KRUPSKAYA, NADEZHDA KONSTANTINOVNA, 1889-1930

Dzido, V. S. Nadezhda Konstantinovna. [Ed. 2., dop.] Moskva, Detskaya lit-ra, 1963. 200 p.

N. K. Krupskaya and the actors who played the role of Lenin in the theater and motion pictures. G. F. Kiselev. Vop. ist. 41 no. 4 203-208 Ap '66.

Nadezhda Konstantinovna Krupskaya, as an educator and Marxist (1889-1930). N. Strilevskaya. Doshk. vosp. 30 no. 2 62-65 F '66.

KRUZENSHTERN, IVAN FEDOROVICH, 1770-1846

I. F. Kruzenshtern's desk-compass. L. P. Shubakov. Izv. Vses. geog. ob-va 98 no. 1 73-75 Ja-F '66.

KRYNICA MORSKA, POLAND—DESCRIPTION

Holidays in Krynica Morska. Leon Szulczynski. Nov. vrem. 23 no. 17 25-27 Ap '66.

KRYPTON ISOTOPES

Krypton isotopes in radioactive minerals. IU. A. Shukolnikov, I. N. Tosiikhin. Geokhimiya no. 9 1076-1084 S '65.

KRYZ LANGUAGE—VERB

Types of verbal stems in Kryz. V. S. Khidrov. Uch. zap. API laz, filol. no. 3 97-111 '63.

KU KLUX KLAN

"Oh times, oh morals!" L. Mokukhin. Sov. pr. o seluzy 22 no. 3 30-40 F '66.

KUBA DISTRICT—SOILS

Comparative characteristics of brown mountain-forest and forest-garden brown soils in Kuba District of the Azerbaijan S.S.R. F. M. Agamirov. Izv. AN Azerb. SSR, Ser. biol. nauk. no. 5 90-96 '65.

KUDAN—ARMS AND ARMOR, PRIMITIVE

Daggers of the Kubandian and Pyatigorsk type from the Kuban Valley. N. V. Anfinov. Mat. i issl. po arkheol. SSR no. 130 198-198 '65.

KUBAN—COSSACKS

An unknown historical study by I. A. H. Kukharensky. V. M. Orel. Ukr. ist. zhur. 10 no. 110-112 Mr '66.

KUBAN—GAS, NATURAL—GEOLOGY

Conditions and time of the formation of pools in the Aleksandrovskaya zone of oil and gas accumulation in the eastern Kuban. T. A. Botneva, G. A. Alekseev. Geol. nefit i gaz 9 no. 3 28-35 Mr '65.

Interreservoir overpressure and some problems of the formation of oil and gas pools in the Kuban. P. K. Liakhovich. Geol. nefit i gaz 9 no. 3 25-26 Mi '65.

KUBAN—GAS INDUSTRY

Present status and problems of the development of the gas industry in the Kuban. V. A. Bragin, B. M. Gordanovskii. Gaz. delo no. 2 3-5 '66.

KUBAN—MINERALS IN PLANTS

Some trace elements in soils and tobacco in the Kuban. N. G. Sergeeva. Agrokhiimiya no. 3 89-94 Mr '66.

KUBAN—PETROLEUM GEOLOGY

Conditions and time of the formation of pools in the Aleksandrovskaya zone of oil and gas accumulation in the eastern Kuban. T. A. Botneva, G. A. Alekseev. Geol. nefit i gaz 9 no. 3 28-35 Mi '65.

Interreservoir overpressure and some problems of the formation of oil and gas pools in the Kuban. P. K. Liakhovich. Geol. nefit i gaz 9 no. 3 25-26 Mr '65.

KUBAN—SOILS—TRACE ELEMENT CONTENT

Some trace elements in soils and tobacco in the Kuban. N. G. Sergeeva. Agrokhiimiya no. 3 89-94 Mr '66.

KUBAN—AZOV LOWLAND—BITUMEN—ANALYSIS

Composition of petroleum and bituminous substances in the disseminated organic matter in Mesozoic and Cenozoic sediments of the Azov-Kuban Trough. D. V. Zhabrev, O. J. Safonova, E. D. Gimpelovich. Geol. nefit i gaz 10 no. 1 28-32 Ja '66.

KUBAN—AZOV LOWLAND—PETROLEUM—ANALYSIS

Composition of petroleum and bituminous substances in the disseminated organic matter in Mesozoic and Cenozoic sediments of the Azov-Kuban Trough. D. V. Zhabrev, O. J. Safonova, E. D. Gimpelovich. Geol. nefit i gaz 10 no. 1 28-32 Ja '66.

KUBAN PROVINCE—BIOGRAPHY

[People make the earth beautiful] Zemlia ukrashalut liudi. [Krasnodar] Krasnodarskoe kul'turnoe izd-vo, 1965. 157 p. (CS-11)

KUCHINO (MOSCOW PROVINCE)—SANATORIUMS

Factory sanatorium. A. Barenholm. Okhr. truda i sots. strank. no. 3 18-19 Mr '66.

KULAKOV, PETR MIKHAILOVICH, 1886-

Petr Mikhailovich Kulakov; on his 60th birthday. Zhur. nevr. i psikh. 66 no. 3 178 '66.

KULESHOV, PETR IAKOVLEVICH, 1906-

On the occasion of the 60th birthday of Petr Iakovlevich Kuleshov. Koba, i khim. no. 2 83 '66.

KULISH, MYKOLA HUROVYCH, 1892-1937

Veracity of human characters. H. S. Domnyatska. Zbir. nauk. prats' asp. 2 filol. Kyiv. un. no. 18 11-10 '63.

KULUNDA STEPPE—WATER, UNDERGROUND

Akademii nauk SSSR. Sibirskoe otdeleniye. Sibirskii nauchno-issledovatel'skii institut energotekhn. [Hydrogeology of the Kulunda Steppe and adjacent regions] Gidrogeologiya Kulundy i prilozhnykh raionov. Novosibirsk, Izd-vo "Nauka," Sibirskoe otd-nie, 1965. 144 p. fold. chart (insert)

KUN, BELA, 1886-1939

Conrad Bela Kun; on the 50th anniversary of his birth. M. V. Trolan, I. M. Kutnych. Ukr. ist. zhur. 10 no. 2 131-133 F '66.

Kun, Bela. [On the Hungarian Soviet Republic; selected articles and speeches. Translated from the Hungarian] O Vengerskoi Sovetskoi Respublike; izbrannye st'ii i rech. Moskva, Politizdat, 1966. 542 p.

KUPRESSOV, SERGEI ALEKSEEVICH, 1887-1945

Professor S. A. Kupressov; an obituary. A. Maivsev. Zhur. Mosk. Patr. no. 2 30-31 '66.

KURA DEPRESSION—FORAMINIFERA, FOSSIL

Large Paleogene Foraminifera in the Kura Depression. T. A. Mamedov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5 31-45 '65.

KURA VALLEY—GEOCHEMICAL PROSPECTING

Brief hydrogeochemical outline of the study of basic producing horizons in the Kalmas deposit. A. R. Akhmedov, B. M. Listengarten, M. Z. Rakhimskii. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5 98-98 '65.

KURA VALLEY—HYDROCARBONS

Hydrocarbon gases of mud volcanoes in the Kura oil- and gas-bearing region. Z. A. Buniat-Zade, R. A. Guseinov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5 53-59 '65.

KURA VALLEY—MUD VOLCANOES

Hydrocarbon gases of mud volcanoes in the Kura oil- and gas-bearing region. Z. A. Buniat-Zade, R. A. Guseinov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5 53-59 '65.

KURAGINO DISTRICT—PASTURES AND MEADOWS

Meadows and pastures in Kuragino District of Krasnoyarsk Territory. E. A. Ershova. Rast. p'str. Kras. Krai. no. 2 256-266 '65

KURDS

Dzhallile, D. D. [Kurdish uprising of 1880] Vosstanie Kurdo 1880 goda. Moskva, Nauka, 1966. 131 p.

KURGAN PROVINCE—BOOKSELLERS AND BOOK-SELLING

Inertia and a lack of initiative. T. Dunenkov. Knizh. torg. 16 no. 12 23-26 D '65

KURGAN PROVINCE—STATE FARMS

Vedernikov, I. A. S. [Daily routine on a state farm, from the notebook of the secretary of a party committee] Trudovye budni sovkhosa, iz zapiskov knizhnik sekretaria partkoma. [Chelabinsk] Iuzhno-Ural'skoe knizhnoe izd-vo, 1964, 23 p. (Na rubezhakh narodnogo fronta) (CSI-II)

KURMUKICHAY VALLEY—RUNOFF

Conditions governing the formation and origin of structural mudflows as revealed by a study made in the Kurmukichay B. A. Byadgov. Izv. AN Kazakh SSR Ser. geol.-geog. nauk. no. 5 117-124 '65

KURSK—ELECTRIC EQUIPMENT INDUSTRY—SCHEDULING

Combined card index and diagram of proportionality. I. G. Ilyirvich, I. V. R. Mchudshavskii, Mashinostroitel' no. 3 9-10 M '66

KURSK—RUBBER INDUSTRY WORKERS—DISEASES AND HYGIENE

We take care of workers' health. S. Mamontov. Sov. prof. soluzy 22 no. 6 32-33 Mr '66

KURSK GOVERNMENT—PEASANTRY

Peasants of a large patrimonial estate in the Kursk Government, the first quarter of the 18th century. L. I. Petrova. Vest. LGU 10 no. 20 129-133 '64

KURSK MAGNETIC ANOMALY—IRON ORES

Gubkin. Nauchno-issledovatel'skii institut po problemam Kurekoi magnitnoi anomalii. [Dressing and preparation for smelting of Kursk Magnetic Anomaly iron ores] Obogashchenie i podgotovka k p'atvke zheleznykh rud KMA. Moskva, Nauka, 1966, 117 p.

Vertical zoning of the supergene iron ores of the Yakovlev deposit in the Belgorod region of the Kursk Magnetic Anomaly. N. I. Lazarenko, I. U. N. Lazarenko. Izv. v'ss. ucheb. zav. i razv. 9 no. 1 54-62 Ja '65

KURSK MAGNETIC ANOMALY—MINE WATER

Hydrogeological calculations of water-lowering wells located near the closed boundary of a layer as revealed by a study made in the deposits of the Kursk Magnetic Anomaly. V. K. Ivasnikov. Izv. v'ss. ucheb. zav. i razv. 9 no. 1 80-87 Ja '65

KURSK MAGNETIC ANOMALY—QUARRIES AND QUARRYING

Drainage of the Lebedinsk quarry in the Kursk Magnetic Anomaly. -V. A. Mironenko, I. U. A. Norvatov. Zap. LGU 48 no. 2 18-16 '65

KURSK PROVINCE—COLLECTIVE FARMS

On the field of the Battle of Kursk. I. Bolkov. Sov. voyn 47 no. 10 18-19 O '65

KURSK PROVINCE—KARST

Buried Cretaceous karst in the northwest of Voronezh and adjacent regions of Kursk Province. R. V. Krasnecov. Blud. MOIP, Otd. geol. 41 no. 1 119-133 Ja-F '65

KUSTANAY PROVINCE—BOOKSTORES

When nobody shows concern for customers. S. Okhapkin. Knizh. torg. 17 no. 4 38-39 Ap '66

KUSTANAY PROVINCE—GRAIN—DISEASES AND PESTS

Effect of the methods of growing grain crops on the harmfulness of the barley frit fly Oecinia pusilla. E. G. Malis. Vest. sel'khoz. nauk. [Kazakh.] 9 no. 2 31-38 F '66

KUULI, LAKE—SALINITY

Processes and sources of salt accumulation in Lake Kuuli. I. U. Alibabiyev. Uch. zap. Turk. gos. un. no. 28 65-69 '64

KUYBYSHEV—BUILDING MATERIALS INDUSTRY—HYGIENIC ASPECTS

Occupational dermatoses and their prevention in workers of a building material combine. A. S. Zenin, I. S. Lazarev. Vest. derm. i ven. no. 6 65-67 '65

KUYBYSHEV—FLOUR AND GRAIN SACKS

Put the decisions of the September Plenum of the Central Committee of the CPSU into practice; new developments in the economic activity and the economic experiment of an advanced enterprise; practices of the Kuybyshev Factory "Mlagkala tara." I. U. Mestechnik, L. K. Ivo-sheeva. Muk. elev. prom. 32 no. 2 4-6 F '66

KUYBYSHEV—OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Technical reorganization of the Kuybyshev Oil Combine. V. K. Lezhnevskii, Masl.-zhir. prom. 32 no. 1 40-43 Ja '66

KUYBYSHEV—SLAVIC STUDIES

Scholarly research of Kuybyshev Slavists. I. U. Nikolaev. Sov. slav. no. 2 125-126 '66

KUYBYSHEV PROVINCE—DAIRYING

Mobile laboratories and dairy farms. I. Klitushin. Zakup. sel'khoz. prod. no. 7 32 JI '65

KUYBYSHEV RESERVOIR—BREAM

More about the necessity of reducing the number of bream in Kuybyshev Reservoir. I. U. Makhlotin, E. P. Tsylnikov. Ryb. khoz. 40 no. 8 29-30 '64

KUYTUN DISTRICT—GRAIN

Kuytun grain. V. P. Belik, V. I. Mikhailov. Zemledelie 28 no. 2 21-24 F '66

KUZNETSK ALATAU—KARST

Karst region of the Kuznetsk Alatau. G. A. Maksimovich, V. P. Kostarev. Nauch. trudy Perm. politekh. inst. no. 12 pt. 2 82-86 '64

KUZNETSK BASIN—COAL—ANALYSIS

Classification of oxidized coals from Kuznetsk Basin mines. G. N. Podolskii, N. P. Pankratova. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk. no. 3 165-161 '64

KUZNETSK BASIN—COAL MINES AND MINING—ECONOMIC ASPECTS

Economic efficiency of combining building and exploitation of Kuznetsk Basin open-pit coal mines. E. F. Chernorutskii, P. I. Potemkin, V. P. Bogatyrev. Ugol' 41 no. 2 51-53 F '66

KUZNETSK BASIN—JOURNALISTS

Discussion continues. Sov. oech. no. 3 54 '66

KUZNETSK BASIN—MINE SURVEYING

Orientalization through mine shafts with a large inflow of water in the Kuznetsk Basin. A. D. Trubchaninov. Ugol' 41 no. 2 70-71 F '66

KUZNETSK BASIN—SHAFT SINKING

For high technical and economic indices of vertical shaft sinking in the Kuznetsk Basin. V. G. Kozhevnikov, K. S. Shmonov, A. M. Solntsev. Shakht. stroit. 10 no. 3 6-7 Mr '66

KUZNETSK BASIN—URANIUM

Uranium in the trap formations of the Kuznetsk Basin. D. K. Osipov, R. S. Zhuravlov. Geol. i geofiz. no. 9 116-149 '65

KUZNETSOVA, IRINA

Beginning of a biography. F. Frantsuzov. Teatr 27 no. 1 53-54 Ja '66

KVATEK, KAZIMIR FRANTSEVICH, 1888-1937

K. F. Kvatek, a division commander, S. Poplavskii. Voenn.-ist. zhur. 8 no. 3 70-73 Mr '66

KYMOGRAPHY

X-ray kymographic studies of the heart in active forms of pulmonary tuberculosis. V. I. Koledin. Probl. tub. no. 5 45-49 '65

KYSCHTYMITE see Basinaesite

KYZYL KUM—HYDRAULIC MODELS

Modeling artesian basins by the electrodynamic analogy method as revealed by a study made in the Mingbulaksk artesian basin. D. U. Miraliev. Uzb. geol. zhur. 10 no. 1 51-55 '66

KYZYL KUM—PHOSPHATES

Cyrtolite in the central Kyzylkum. A. K. Kasymov. Uzb. geol. zhur. 10 no. 1 26-32 '66

KYZYL KUM—WATER, UNDERGROUND

Modeling artesian basins by the electrodynamic analogy method as revealed by a study made in the Mingbulaksk artesian basin. D. U. Miraliev. Uzb. geol. zhur. 10 no. 1 51-55 '66

KYZYL-ORDA PROVINCE—CATTLE BREEDING

Effectiveness of biological stimulants in cattle breeding. B. M. Kuanyshbekov. Izv. AN Kazakh. SSR. Ser. biol. nauk 4 no. 1 70-81 Ja-F '66

KYZYL-ORDA PROVINCE—MELONS

Some suggestions for the procurement of melons. E. Tur-synbaev. Zakup. sel'khoz. prod. no. 6 33 Je '65

LABOR, COMPLICATED

Principles of conducting labor during the placental period. K. A. Gutkin. Sbor. nauch. rab. vrachei Kar. ASSR. no. 4 111-120 '62

Rupture of the uterus and errors in its diagnosis. T. A. Popova and others. Sov. med. 27 no. 5 63-67 Mr '64

LABOR AND LABORING CLASSES

(see also subdivision under Balkan, Baltic States; Europe, Western, Finland; France, Indonesia; Japan, Kirghizistan; Latin America, Leningrad; Mongolia, Moscow, Serbia; Tunisia, Ukraine; United States, Vietnam, North, White Russia)

Klopkov, V. F. [Socialist cooperation in labor] Socialisticheskaia kooperatsiia truda. Moskva, Ekonomika, 1966. 110 p.

The laboring classes of capitalist countries in the world revolutionary process. T. I. Imofev. Kommunist 42 no. 5 92-107 Mr '66

Methodological aspects of scholarly research in the field of the history of the Soviet laboring classes. O. I. Shkaratan. Vop. ist. 11 no. 4 1-15 Ap '66

The monarchic regime of June 3, 1907, and the labor question. A. I. Avetikh. Ist. SSSR 10 no. 1 12-69 Ja-F '66

Ponomarev, D. N., and others, eds. [International revolutionary movement of the working class] Mezhdunarodnoe revoliutsionnoe dvizhenie rabochego klassa. Izd. 3., dop. ispr. Moskva, Politizmat, 1960. 416 p.

Problem of the working class's unity in the struggle for social progress. S. G. Ilanov, I. Undaynov. Mir. ekon. i mezhdunar. otn. no. 1 81-81 '66

Promotion of workers to the industrial management positions in 1917-1920. L. I. Krutko. Sbor. nauch. rab. Voig. gos. ped. inst. no. 1 80-07 '64

Richard Pipes analyzes the facts of history. R. A. Kozakevich, P. M. Smolova. Ist. SSSR 10 no. 1 180-213 Ja-F '66

With concern for man. V. Vasil'ev. Sov. prof. soluzy 22 no. 6 127-20 Mr '66

LABOR AND LABORING CLASSES—EDUCATION

Educational role of the collective. Sov. prof. soluzy 22 no. 5 14-16 M '66

Improve educational work, strengthen labor discipline. T. Nikolaeva. Sov. prof. soluzy 22 no. 4 2-1 F '66

LABOR AND LABORING CLASSES—STATISTICS

Current problems of labor statistics under the new conditions and tasks of enterprises. L. Volodarskii. Sots. trud 11 no. 3 43-49 Mr '66

Distribution of a number of industrial and construction workers according to occupational schedule for August 1, 1962 and August 2, 1965. Distribution of a number of industrial and construction workers according to forms of wage systems for August 1, 1962 and August 2, 1965. Vest. stat. no. 3 92-96 '66

LABOR AND LABORING CLASSES IN LITERATURE

Bare continental. Petr. Stokov. Otkhvat' 12 no. 1 175-176 Ap '66

LABOR CONTRACTS

Levin, F. M. [Types of labor contracts] Vidy trudovogo dogovora. Moskva, Iuridicheskaya literatura, 1966. 160 p.

LABOR DISCIPLINE

Commandes' count and labor discipline. I. U. Murovskii. Sov. iust 30 no. 6 15 M '66

Improve educational work, strengthen labor discipline. T. Nikolaeva. Sov. prof. soluzy 22 no. 4 2-4 F '66

LABOR DISCIPLINE—LAWS AND LEGISLATION

Judicial practice in labor cases. A. I. Slaviseva. Sov. gos. i pravo 36 no. 3 128-131 Mr '66

LABOR DISPUTES

Theoretical and practical problems in the examination of labor disputes. V. Smolarchuk. Rad. pravo 20 no. 3 53-59 M '66

LABOR ECONOMICS—BIBLIOGRAPHY see Bibliography—Labor economics

LABOR LAWS AND LEGISLATION

Consultation. M. Trubchaninov. Sots. zakon. 43 no. 3 81-83 Mr '66

Consultation on issues of labor legislation. Narved i okh. nedr 31 no. 12 56-57 D '65

Do away resolutely with the violation of labor laws on state farms. N. Vishnevetskaya. Sots. zakon. 43 no. 3 9-12 Mr '66

Manual on procuratorial supervision over the observance of labor laws. V. Kuznetsov. Sots. zakon. 43 no. 3 94-05 Mr '66

New laws. Sots. zakon. 43 no. 3 84-85 Mr '66

Our replies to questions. Sov. iust. 30 no. 6 25 Mr '66

Survey of the legislation on labor. Sots. trud 11 no. 3 148-151 Mr '66

Transfer to other work. A. Slaviseva. Sov. prof. soluzy 22 no. 5 41-13 Mr '66

LABOR LAWS AND LEGISLATION—EXAMINATIONS, QUESTIONS, ETC.

[Book of questions on labor law] Sbornik zadach po trudovomu pravu [By] A. A. Abramova i dr. Moskva, Iuridicheskaya literatura, 1966, 168 p.

LABOR PARTY (GREAT BRITAIN) see Great Britain—Labor Party

LABOR PRODUCTIVITY

Improving the method of measuring labor productivity. V. A. Dolnik. Razved. i okh. nedr. 32 no. 2:33-37 F '66.

Karinskiy, S. S. [Material and moral incentives to increase the productivity of labor, legal problems] Material'nye i moral'nye stimuly povysheniya produktivnosti truda; pravovye voprosy. Moskva, Iuridicheskaya literatura, 1966, 223 p.

Labor productivity of workers engaged in physical education and sports. V. I. Zholdak. Teoriya i praktika fiz. kul't. 20 no. 2:61-63 F '66.

LABOR PRODUCTIVITY—STATISTICS

Indices of the global and marginal factors of productivity in bourgeois statistics. L. Rozovskiy. Vost. nat. no. 3:9-50 '66.

LABOR REST HOMES

Trade unions must concern themselves with sanatorium-preventorium. Sov. profsoyuz. 22 no. 4:22-23 F '66.

LABOR SERVICE see subdivision under Groznyy

LABOR SUPPLY

'Contracted workers,' the nasty words. I. Duol'. Mol. tomm. no. 1:71-74 Ja '65.

Efficient use of the labor supply. S. Sontu. Plan. khoz. 43 no. 4:77-85 Ap '66.

Let's effectively use the available manpower. P. Litviakov. Kommunist. 42 no. 4:10-42 Mr '66.

Problems of using the manpower of rural areas. Kommunist. 42 no. 2:84-90 Ja '66.

LABYRINTH (EAR)

Comparative characteristics of vegetative reactions in some cumulative methods of stimulation of the vestibular analyzer. S. S. Markin, R. A. Vartanov. Izv. AN SSSR, Ser. biol. no. 2:221-229 Mr-Apr '66.

Use of the method of skin thermometry for the evaluation of vestibulovegetative reactions. S. S. Markin, R. A. Vartanov. Voen.-med. zhur. no. 2:65-67 F '66.

LACQUER AND LACQUERING

Single-component cold-cured polyurethane lacquers. A. A. Blagomayova. Lakokras. mat. i kh. prim. no. 1:3-16 '66.

Unit for automatic lacquer feeding to the lacquering machine. V. P. Kovtun, A. L. Mikhaitchenko, P. P. Kovtun. Koss. i ov. prom. 21 no. 3:24-26 Mr '66.

Use of gossypol resins in the modification of bitumen lacquers. M. A. Osovetskiy, G. M. Baranovskaya, I. P. Pruslanova. Lakokras. mat. i kh. prim. no. 1:71-76 '66.

Water-soluble urea and melamine-formaldehyde lacquer resins. N. A. Gupchik and others. Lakokras. mat. i kh. prim. no. 1:16-18 '66.

LACTIC ACID IN THE BODY

Effect of some tranquilizers on the content of lactic and pyruvic acids in the brain of rats. V. Mathe, G. Krasnyy. Ukr. biokhim. zhur. 38 no. 1:81-83 '66.

LACTONES

Lactones from Zosmia absinthifolia (Vahl) Link. G. K. Nikonov, D. I. Baranaukale. Khim. prirod. soed. no. 3:220-223 '65.

Unsaturated acids and macrocyclic lactones. Report No. 17: Synthesis of compounds related to neomethylmycin. L. D. Bergelson, A. N. Grigorian. Izv. AN SSSR, Ser. khim. no. 2:282-288 '66.

LADDERS

Folding alapladder with two small platforms. G. Nosov, V. Tokareva. Stroi. i arkhit. Uzh. 6 no. 6:18-20 Je '65.

LADOGA LAKE—PALEOBOTANY, STRATIGRAPHIC Paleolimnology of Lake Ladoga. S. A. Abramova, N. N. Davydova. Izv. Vses. geog. ob-va 98 no. 1:18-25 Ja-F '65.

LADOGA LAKE REGION—CRYSTALLIZATION

Chemical composition and temperature of the crystallization of pyrrhotite metamorphic rocks in the northern part of the Lake Ladoga region. V. P. Petrov, I. E. Kamentsov. Vest. LGU 21 no. 8:41-50 '66.

LADOGA LAKE REGION—PYRRHOTITE—ANALYSIS

Chemical composition and temperature of the crystallization of pyrrhotite metamorphic rocks in the northern part of the Lake Ladoga region. V. P. Petrov, I. E. Kamentsov. Vest. LGU 21 no. 8:41-50 '66.

LADOGA LAKE REGION—WORLD WAR, 1939-1945

Party work among the crews of Lake Ladoga boats during the Great Patriotic War, June 1941-December 1942. E. M. Gorelik. Vest. LGU 20 no. 2:14-24 '65.

LAGERNOYE, LAKE, ANTARCTICA—ICE

Break of the ice dam of Lake Lagernoye. A. Z. Vaigachev. Inform. blud. Sov. antark. eksp. no. 54:58 '65.

LAKES

(see also subdivision under Zangezur Range)

Interrelationship between the production and biomass of zooplankton in lakes. E. A. Shushkina. Gidrobiol. zhur. 2 no. 1:27-35 '66.

LAMBLIASIS see Giardiasis

LAMBES see subdivision under Alma-Ata Province

LAMBS—DISEASES AND PESTS

Histochemical studies on white muscle disease in lambs. R. A. Chukhina-Buznakova. Veterinariya 12 no. 1:54-55 Ja '66.

Producing and using gamma globulin in dyspepsia of lambs. N. V. Klenina and others. Veterinariya 42 no. 1:55-57 Ja '65.

LAMINAR FLOW

Allowing for magnetohydrodynamic effects in laminar flow of a liquid metal droplet in a dielectric medium. A. P. Zashchran. Mag. glaz. no. 1:57-60 '65.

One-dimensional laminar flow of a non-Newtonian fluid in a transverse magnetic field. L. K. Martinson, K. B. Pavlov. Mag. glaz. no. 4:61-66 '65.

LAMINAR FLOW—THERMODYNAMICS

Greiz's problem for a circular channel. T. V. Mondellova, M. M. Nazarchuk. Dop. AN URSSR no. 1:68-70 '66.

LAMINATED MATERIALS

Relationship between stresses and deformations in laminated media. L. P. Khoroshun. Prikl. mekh. 2 no. 2:14-19 '66.

LAMINATED METALS

Analysis of basic power parameters in pressing bimetallic bushings. V. P. Dobrokhotoy. Vest. mashinost. 46 no. 2:87-89 F '66.

Dependence of the erosion effect of bimetal electrodes on the position of the initial discharge. I. G. Nekrashevich, I. A. Bakuto. Elek. obr. mat. no. 1:16-19 '65.

LAND

(see also subdivision under Moskalenskiy District)

'Take care of collective farmland. Zemledel. 28 no. 1:23 Ja '66.

LAND, NATIONALIZATION OF see subdivision under Tambov Government

LAND CLEARING see Clearing of land

LANDFORMS

(see also subdivision under Carpathian Mountains; Forçana Valley; Kirov Province; Mendeleev Volcano)

Considering the role of relief in geoscientific investigations. B. M. Smolintsev. Geofiz. sbor. no. 3:48-52 '65.

Evaluating the accuracy of various methods of calculating the effect of relief in surveying with a gravity gradiometer. A. M. Zolotov, A. A. Liubimov, V. I. Pavlovskiy, Razved. i okh. nedr. 32 no. 1:54-56 Ja '66.

LANDFORMS—MAPS

Relief maps in comprehensive atlases of republics and provinces. I. S. Brykovskaya. Geod. i kart. no. 2:59-63 F '66.

LANDSCAPE

Mitkov, F. N. [Landscape geography and practical problems] Landshaftnaya geografiya i voprosy praktiki. Moskva, Mysl', 1966, 255 p. (DNAL)

LANDSCAPE ARCHITECTURE

(see also subdivision under Estonia; Odessa; Ukraine)

Plantings in the formation of residential areas. S. Sevornin. Stroi. i arkhit. 14 no. 3:8-13 Mr '66.

Present-day practice in city landscape architecture. T. Maksimuk. Stroi. i arkhit. 14 no. 3:14-16 Mr '66.

Some problems in landscaping new residential areas. I. Kosarovsky. Stroi. i arkhit. 14 no. 3:8-8 Mr '66.

LANDSCAPE GARDENING—ESTIMATES

Russia (1917—R. S. F. S. R.) Ministerstvo kommunalnogo khoz. i sluzh. Gotovaniya normativno-issledovatel'skaya sluzhba. [Manual of provisional consolidated estimates for the capital repair of parks and gardens] Spravochnik vremennyykh ukupennykh smotnykh norm na kapital'nyy remont zelenykh nasazhdeniy. Moskva, Stroiizdat, 1966, 37 p.

LANDSLIDES see subdivision under Bashkiria; Kakhketian Range; Perm Province; Rozdol' region (Ukraine)

LANGUAGE AND LANGUAGES

Critical analysis of Ch. Bally's studies on language as an emotional phenomenon. D. N. Vvedenskiy. Uch. zap. MGPI no. 234:327-352 '65.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—PERIODICALS

On some works of foreign linguists. N. A. Timofeeva. Uch. zap. MGPI no. 234:371-387 '65.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Brief preliminary conclusions from the analysis of methods used in teaching foreign languages during the period from the 16th to the 19th century. V. E. Raushenbakh. Trudy Mosk. vel. akad. 22 no. 2:173-188 '58.

LANGUAGES, MODERN

V. I. Lohin's use of classical and modern languages in his philosophical works. N. A. Timofeeva. Uch. zap. MGPI no. 234:5-26 '65.

LANGUAGES, MODERN—AUDIO-VISUAL AIDS

Audio-visual equipment in foreign language classes. V. V. Kornilov. Sred. shkola, 13 no. 1:10-20 Ja '66.

LANTHANIDES see Rare earths

LAPLACE TRANSFORMATION

Nonsteady-state problems in quantum mechanics, and the Laplace transform. I. U. Dem'kov. Dokl. AN SSSR 166 no. 3:1076-1079 F '66.

Possibility for simplifying the realization of inverse Laplace transformations. I. D. Zolotarev. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3:162-166 '61.

Some formulas simplifying the realization of inverse Laplace transformations. I. D. Zolotarev. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3:166-168 '64.

LARCH see subdivision under Gorkiy Province; Kolyma Valley; Northern Anyuy Range, Trans-Baikal

LARCH—DISEASES AND PESTS

Isaev, A. S. [Trunk pests of the Dahurian larch] Stvolovye vrediteli listvennitsy dain skol. Moskva, Nauka, 1966, 146 p. (DNAL)

LARVAE—INSECTS

Description of some unknown larvae of scarab beetles (Coleoptera, Scarabaeidae) from the Crimea. I. V. Maltsev. Ent. oboz. 45 no. 1:114-119 '66.

Diagnosis of the larvae of frit flies of the genus Meromyza Mg. (Diptera, Chloropidae). L. I. Fedoseeva. Ent. oboz. 45 no. 1:107-208 '66.

LARYNX—FOREIGN BODIES

Multiple live foreign bodies (leeches) in the larynx. A. G. Amirov. Azerb. med. zhur. 43 no. 2:70-71 F '66.

LASERS

Change in the shape of a light pulse by nonlinear amplification. N. G. Basov, V. S. Letokhov. Dokl. AN SSSR 167 no. 1:73-76 M '65.

Contribution to the theory of a two-photon laser. A. V. Uspenskiy. Radiotekh. i elektron. 11 no. 4:766-767 Ap '66.

Design and performance of a laser operating on a beam of hydrogen atoms. N. G. Basov and others. Trudy Fiz. inst. 31:130-177 '65.

Effect of a longitudinal magnetic field on the performance of a helium-neon laser at a radiation wavelength of $\lambda = 0.6328$ mc. D. K. Tereskin, S. A. Fridrikhov. Zhur. tekhn. fiz. 36 no. 2:391-397 F '66.

Effect of the Q-factor of a resonator on the power of the radiation generated. B. I. Skapanov, V. P. Gribkovskiy, F. K. Rutkovskiy. Vest. AN BSSR, Ser. fiz.-mat. nav. no. 1:131-133 '66.

Generators and amplifiers of coherent light. F. A. Korolev. Elektricheskoye no. 4:1-11 Ap '66.

A laser operating on a gaseous mixture. N. G. Basov and others. Trudy Fiz. inst. 31:113-133 '65.

A laser with maximum depth of modulation of the resonator's quality factor. M. H. Starunov, V. D. Ier'omka, V. I. Bonchukova. Ukr. fiz. zhur. 11 no. 2:217-218 F '66.

Leonov, B. V., and V. V. Shikhodiyov. [Lasers and the cell] Lazery i kletka. Moskva, Znanie, 1966, 25 p. (Novoye v zhizni, nauka, tekhnika. VIII Seriya: Biologiya i medicina, no. 3)

Optical quantum generators. I. U. Filippov. Inform. blud. VDMKII no. 4:7-8 Ap '66.

Optics without lenses: laser-ray photography. L. M. Soroko. Priroda no. 2:37-48 F '66.

Parametric amplifiers and generators of light. S. A. Akhmanov, R. V. Khokhlov. Usp. fiz. nauk 88 no. 3:439-460 Mr '66.

Partial synthesis of an optimal receiver of luminous radiation with a photoelectric mixer. A. A. Kuriksha. Radiotekh. i elektron. 11 no. 4:636-642 Ap '66.

Photocatalytic effect (intensification of atomic interaction and cooling down of the medium) in a laser beam. G. A. Askarianian. Plazma, v red. Zhur. eksper. i teoret. fiz. 3 no. 4:166-170 F '66.

LASERS (Continued)

Problem of phase relationships during amplification in an active medium. V. I. Gertsenshteyn, M. I. Bakharava, Radiotekhnika i elektronika 11 no. 3, 326-331. Mr '66.

Pulsations in the radiation power of lasers. A. N. Orlovskii, A. V. Uspenskiy. Trudy Fiz. inst. 31 86-112 '65.

Realization of a power economizing mode in the optical band. V. E. Gertsenshteyn. Radiotekhnika i elektronika 11 no. 3, 337-338. Mr '66.

Selection of oscillation modes in a semiconcentric resonator of a gas laser. A. V. Kovalyayn, L. V. Naumova, Z. T. Lebedinskaya. Radiotekhnika i elektronika 11 no. 4 668-674. Apr '66.

Theory of coupled lasers. E. M. Belonov, V. S. Letokhov. Zhur. tekh. fiz. 35 no. 11, 2126-2128. N '65.

Theory of monopulse operation of lasers. I. A. Anan'ev, I. F. Balashov, A. V. Mak. Dokl. AN SSSR 166 no. 4 825-828. F '65.

Use of radiation from a laser in constructing a high-power electron source. O. V. Bogdankevich, V. I. Sudzilovskiy, A. A. Lozhnikov. Zhur. tekh. fiz. 35 no. 11, 2052-2053. N '65.

LATHES

Investigating the rigidity of the feed box of a lathe with a plastic body. I. U. S. Fedorov, Izv. vys. ucheb. zav. mashinost. 12:141-144 '65.

LATHES—ATTACHMENTS

Microscope on a lathe. Izobrazh. i raiz. no. 2, 117 '66.

LATHES—NUMERICAL CONTROL

Programmed control of lathes. A. I. Sarkisov, I. K. Krylov, V. B. Krivososov. Trudy MINKHGP no. 58 105-112 '65.

LATIN AMERICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

The unsubmitive. E. Makukhin. Sov. profsoyuz 22 no. 4, 42-43. F '66.

LATIN AMERICA—FOREIGN RELATIONS—RUSSIA

First steps of Soviet diplomacy in the establishment of political and economic relations with the Latin American countries in the 1920's and 1930's. V. M. Marchenko. Vest. LGU 21 no. 2, 54-61 '66.

LATIN AMERICA—HISTORY

Defense of doctoral dissertations. Nov. i noveish. ist. no. 2 177-179 '66.

LATIN AMERICA—INDUSTRIES

Klesmel, O. G. [Problems of Latin American industrialization] Problemy industrializatsii Latinskoj Ameriki. Moskva, Nauka, 1966. 157 p.

LATIN AMERICA—LABOR AND LABORING CLASSES

The unsubmitive. E. Makukhin. Sov. profsoyuz 22 no. 4, 42-43. F '66.

LATIN AMERICA—POLITICS

Turbulent continent. I. U. Gvozdev. Nov. vrem. 23 no. 15 10-12. Apr '66.

LATIN LANGUAGE—SYNTAX

Principles of the complex sentence in Latin. A. F. Losc. Uch. zap. MGPI no. 234 131-135 '65.

LATIN LANGUAGE—TERMS AND PHRASES

Role and functions of Latin words and expressions in the works of V. I. Lenin, G. A. Sankina. Uch. zap. MGPI no. 234 27-37 '65.

LATTICE THEORY

One limit theorem for lattice distributions. A. V. Nagaev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 10 no. 1, 23-29 '68.

LATVIA—AGRICULTURE—STUDY AND TEACHING

New program of the practical training of agronomists in the state farm-technical schools. Z. E. Viholins. Sred. spets. obr. 13 no. 1, 36-39. Ja '66.

LATVIA—BIBLIOGRAPHICAL EXHIBITIONS

The books of our friends remain with us. G. Sokolovskii. Knizh. iorg 17 no. 3, 17. Mr '66.

LATVIA—BOOKSELLERS AND BOOKSELLING

Let us prepare for the congress of the party of Lenin. I. Veselov. Knizh. iorg. 17 no. 1, 5-6. Ja '66.

LATVIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The 20th Congress of the Communist Party of Latvia. Part zhizni' no. 6, 48-50. Mr '66.

LATVIA—COOPERATIVE SOCIETIES

The trend is to consolidate cooperative societies. A. Putnisev. Sov. polreb. koop. 10 no. 2, 17-19. F '66.

LATVIA—DRAINAGE

Effectiveness of a drainage system as related to its construction. C. Skinkis. Vest. sel'khoz. nauk 10 no. 6, 107-112. Je '65.

LATVIA—FOOT-AND-MOUTH DISEASE

Organization of measures against foot-and-mouth disease. E. Jaunslelns, S. S. Kuznetsov. Veterinarnii 12 no. 1, 9-12. Ja '66.

LATVIA—LAWYERS

Latvian counseling lawyers define their objectives. N. Sverdin. Sots. zakon 43 no. 3, 93. Mr '66.

LATVIA—MERCHANT MARINE

Latvian seamen are keeping watch on the eye of the congress. A. Gordeev. Mor. flot 26 no. 3, 5-7. Mr '66.

LATVIA—OILSEED INDUSTRY—BY-PRODUCTS

From practices of recycling and storing oilseed cakes and meal. I. Ugnatko. Muk. elev. prom. 32 no. 2, 24-25. F '66.

LATVIA—PAPER INDUSTRY

"Stoks" increases the output of paper for punched cards. S. I. Andaburski, E. K. Umanis. Bum. prom. no. 3, 13-15. Mr '66.

LATVIA—PLYWOOD

Interplant school for plywood workers in Latvia. A. I. A. Rogozhin. Des. prom. 15 no. 2, 2 of cover. F '66.

LATVIA—PUBLIC HEALTH

Latvian S. S. R. Veselības aizsardzības ministrija. [25 years of health protection in Soviet Latvia] Padomju Latvijas veselības aizsardzības 25 gadu. V. Kanepa redakcija. Rīga, Zvaigzne, 1965. 157 p. xxiv p. illus. [In Latvian and Russian] (DNLN)

LATVIA—RELIABILITY (ENGINEERING)

Reliability services and their purpose. Z. L. Rodman. L. P. Buldov. Standartizatsija 20 no. 12, 34 '65.

LATVIA—RETAIL TRADE

Stores change their appearance. A. Artyukov. Sov. profsoyuz 22 no. 4, 31-33. F '66.

LAUREL

Some factors influencing the accumulation of essential oils in the leaves of Laurus nobilis. R. I. Dogmadze, V. Sh. Komakhidze. Trudy Sukh. opyt. sta. effromas. kul'ni. no. 5 67-68 '64.

LAVA

Character of the vector of spread of remanent magnetism in lava flows with various types of cleavage. I. U. P. Skovorodkin. Izv. AN SSSR. Fiz. zem. no. 2 80-83 '66.

LAVENITE see subdivision under Balkan Lake region

LAW

(see also subdivision under China; Ukraine)

In honor of the 23d party congress. Sov. iust. 30 no. 6, 1-3. Mr '66.

Kalmychev, F. I. [Soviet legislation in the period of the building of communism] Sovetskoe zakonodatel'stvo v period stroitel'stva kommunizma. Moskva, Mysl', 1966. 100 p.

The most important legislative enactments in foreign countries, April-May 1969. Sov. gos. i pravo no. 9: 136-140. S '69.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

(see also subdivision under Ukraine)

[Bulletin of the Supreme Court of the R. S. F. S. R.] Btvl. Verkh. Suda RSFSR no. 4 '66.

From the supervisory work of public prosecutors. Rad. pravo 29 no. 3, 91. Mr '66.

LAW—CODIFICATION see subdivision under Baltic States

LAW—HISTORY AND CRITICISM

Brief historical study of confrontation and interrogation in Russia. A. K. Davilev. Uch. zap. Osh. gos. ped. inst. no. 8, 199-215 '64.

LAW—METHODOLOGY

Interuniversity conference on the theoretical and methodological problems of law. D. Sh. Sov. gos. i pravo 36 no. 4, 139-140. Apr '66.

LAW—PHILOSOPHY

Bratus', S. N., and I. S. Samoshchenko, eds. [General theory of Soviet law] Obshchaya teoriya sovetskogo prava. Moskva, Iuridicheskaya lit-ra, 1969. 400 p.

LAW—STUDY AND TEACHING

(see also subdivision under Zhitomir Province)

Let us disseminate legal knowledge among the people. M. Domchenko. Rad. pravo 29 no. 3, 86-89. Mr '66.

A scientific and methodological conference on higher legal education through correspondence courses. A. Bezuglov. Sots. zakon. 43 no. 3, 67-80. Mr '66.

LAW AND COMMUNISM

Bring legal science up to the level adequate to the tasks of communist construction! Sov. gos. i pravo 36 no. 3, 3. Ms '66.

LAW AND ETHICS

Law and morals in socialist society. Sov. iust. 30 no. 7 1-3. Apr '66.

LAW AND SOCIALISM

Development of socialist democracy. V. Rajaki. Sov. gos. i pravo 36 no. 1, 137-138. Apr '66.

LAW ENFORCEMENT

(see also subdivision under Sobinka, Vladimir Province)

Conference with our readers. Sov. gos. i pravo 36 no. 1, 110-112. Apr '66.

In the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R. Sots. zakon. 43 no. 3, 2. Ms '66.

Kazakh S. S. R. Laws, statutes, etc. [Collection of regulatory enactments on liability under administrative law] Sbornik normativnykh aktov ob administrativnoi otvetstvennosti. Alma-Ata, "Kazakhstan," 1965. 295 p.

LAW REFORM see subdivision under Great Britain

LAW REPORTS, DIGESTS, ETC.

(see also subdivision under Tajikistan)

Ways of improving judicial practice. A. Vengerov. Sov. iust. 30 no. 6, 21-22. Mr '66.

LAWYERS

(see also subdivision under Latvia)

A committee of the legal councils of government enterprises, enterprises, establishments, state farms, collective farms, and other organizations. Sov. iust. 30 no. 6, 30-32. Mr '66.

LAWYERS—FEES

Instruction on the rules concerning compensation for legal assistance rendered by advocates to citizens, enterprises, establishments, state farms, collective farms, and other organizations. Sov. iust. 30 no. 6, 30-32. Mr '66.

LAZOVSKIY DISTRICT—HEMORRHAGIC FEVER

Hemorrhagic fever in Lazovskiy District, Moldaviya S. S. R. R. I. Guberman. Trudy Khab. gos. med. inst. 14:313-318 '61.

LEACHING

Decomposition of a dicalcium nitrate and passing of silica into solution during the leaching of finely ground aluminate cements. M. N. Smirnov. TSvet. met. 10 no. 1, 52-60. Ja '66.

High concentration of zinc in water with a high fluorine content. M. A. Vinogradova, I. N. Nikulina. TSvet. met. 38 no. 1, 40-44. Ja '66.

LEAD see subdivision under Armenia

LEAD—METALLURGY

(see also subdivision under Chikmekt)

Certain characteristics of the lead, zinc, and lead sulfide oxidation process. V. N. Kozlov, V. I. Sudzha. TSvet. met. 39 no. 1, 37-40. Ja '66.

Connection between the magnetic properties of lead alloys and certain conditions of smelting. S. I. Binder, A. P. Gurlov. Izv. vys. ucheb. zav.; TSvet. met. 38 no. 1, 41-45 '66.

LEAD INDUSTRY—MANAGEMENT see subdivision under Chikmekt

LEAD INDUSTRY WORKERS

Watch is kept by an honored worker. V. Georgiev. Nar. khoz. Kazakh. 24 no. 2, 16-17. F '66.

LEAD ISOTOPES—SPECTRA

Quasi-stationary single-particle states in ^{208}Pb . V. I. Korotkiy, V. M. Moskovkin, N. P. Udin. Izv. AN SSSR. Ser. fiz. 30 no. 2, 310-321. F '66.

LEAD ORES

Carbonate form of lead transportation by hydrothermal solutions. N. N. Baranova, V. L. Barsukov. Geokhimiya no. 9, 1093-1100. S '65.

LEAD OXIDES

Mathematical models in studying the reduction of lead oxide by carbon monoxide. A. A. Ashimov and others. Vest. AN Kazakh. SSR 22 no. 2, 13-39. F '66.

LEAD POISONING

Oxidative metabolism and phosphorylation in the liver in lead poisoning. L. E. Teras, Kh. A. Kakhin. Vop. med. khim. 12 no. 1, 41-44. Ja-F '66.

LEAD-SILICON-MAGNESIUM ALLOYS see Magnesium-lead-silicon alloys

LEAD SULFATES

Coprecipitation of radioactive isotopes of barium and strontium with lead sulfate. B. Tot, B. V. Gromov. Radiokhimiya 8 no. 1, 3-8 '66.

- LEAD TELLURIDES**
Evaporation of lead telluride in a medium of inert gases. B.G. Arabel and others. *Goltekhnik* no. 1 25-29 '66
- LEAF ROLLERS** see subdivision under Moscow Province
- LEAKAGE ELECTRIC CURRENTS** see Electric currents, Leakage
- LEARNED INSTITUTIONS AND SOCIETIES**
(see also subdivision under Yugoslavia)
Socialist Academy. M. Pokrovskii. *Sov. pedagog.* 30 no. 3:126-127 M '66.
- LEASES**
I.U.S. Vasil'ev. *Sov. gos. i pravo* no. 9:101-106 S '59.
- LEATHER**
Effect of various fillers on the properties of coatings for leather. V.I. Dunaev and others. *Kozh.-obuv. prom.* 8 no. 2:20-23 F '66.
Use of casein modified by acrylates as a base for pigment water colors. M.L. Shevchenko and others. *Izv. vys. ucheb. zav., tekhn. leg. prom.* no. 1 73-77 '66
Utilization of vat residues for leather fat-liquoring. M.S. Levit, M.A. Gutsavskii, T.M. Kimichukova. *Masl.-zhir. prom.* 31 no. 1:31-35 Ja '65.
- LEATHER—ANALYSIS**
Using the method of titration "without a buret" in the complexometric microdetermination of calcium and magnesium in hides and leather. V.A. Dukhota, P.N. Fedoseev. *Izv. vys. ucheb. zav., tekhn. leg. prom.* no. 1 78-82 '66
- LEATHER—MACHINERY**
Ivanov, I.U.V., and O.G. Radchonenko. [Equipment and mechanization of leather factor] *Oborudovanie i mekhanizatsia kozhevnykh zavodov.* Pod red. A.M. Udodovskogo. Moskva, Legkai. industrii, 1965. 433 p.
Mechanization of soaking and liming operations in the manufacture of stiff leather. N.M. Ivanov. *Kozh.-obuv. prom.* 8 no. 2:15-18 F '66.
- LEATHER—MEASUREMENT**
Some errors in the measurement of the area of flat forms with arbitrary shapes. I.U.S. Pavlenko. *Izv. vys. ucheb. zav., tekhn. leg. prom.* no. 1:110-117 '66.
- LEATHER—TESTING**
Effect of fat oil on the heat resistance of chrome leather. R.S. Urudzhiev, G.I. Kutilanin. *Kozh.-obuv. prom.* 8 no. 2:27-29 F '66.
Wear resistance of sole leather. L.P. Pavlov. *Kozh.-obuv. prom.* 8 no. 2:23-27 F '66.
- LEATHER, ARTIFICIAL**
Synthesis of hexamethylene-bis-iminoacetic acid for the production of polyamides used in the manufacture of artificial leather. Repoi. No. 2. N.V. Korol'kov, S.A. Pavlov. *Izv. vys. ucheb. zav., tekhn. leg. prom.* no. 1:33-36 '66.
- LEATHER INDUSTRY**
Efficiency of semiautomatic production lines based on worm conveyors in the manufacture of leather. H.S. Isha'ko, N.T. Shchukina. *Leh. prom.* no. 1 31-34 Ja-F '66.
- LEATHER INDUSTRY—BY-PRODUCTS**
Automatic press for the compression of chrome leather shavings. I.N. Khibnik. *Kozh.-obuv. prom.* 8 no. 2:10 F '66.
- LEATHER INDUSTRY—STUDY AND TEACHING**
Aravov, S.G. [Technology of the manufacture of leather goods and accessories] *Tekhnologiya proizvodstva kozhgalantereynykh izdelii.* Moskva, Legkai. industrii, 1966. 209 p. (Uchebniki i uchebnye posobie dlia podgotovki rabochikh massovykh professii)
- LEAVES**
Interrrelationships between the structural development of the annual tree ring and the developmental phases of leaves. A.S. Samisov. *Dokl. AN BSSR* 10 no. 1:42-45 Ja '66.
- LEAVES—ANATOMY**
Structure of the leaf epidermis in recent and fossil representatives of the genus *Sassafras* (Lauraceae). N.N. Imkhanitskaya. *Bot. zhur.* 51 no. 1:74-82 Ja '66.
Study of the leaf epidermis in representatives of the tribe Diantheae of the family Caryophyllaceae. Z.I. Gvinitadze. *Zam. po sist. i goog. rast.* no. 25:65-68 '65.
- LEBEDEV, IVAN ALEKSANDROVICH, 1905-1965**
Ivan Aleksandrovich Lebedev, 1905-1965; obituary. *Meteor. i gidrol.* no. 4:80 Ap '66.
- LEBEDEV, PETR NIKOLAEVICH, 1866-1912**
Discoverer of light pressure; on the hundredth birthday of P.N. Lebedev. A.S. Predvoditel'ev. *Priroda* 55 no. 3:48-50 '66.
- P.N. Lebedev; on the 100th anniversary of his birth. *Svetotekhnika* 12 no. 3:1-3 M '66
- LECTURES AND LECTURING** see subdivision under Rshkdrin, Moscow
- LEECHES**
Multiple live foreign bodies (leeches) in the larynx. A.G. Anishev. *Arkh. med. zhur.* 13 no. 2:70-71 F '66
- LEG—BLOOD SUPPLY**
Diagnosis and surgical treatment of patients with occlusion of the popliteal artery and vessels of the leg. M.P. Viliavskii, V.K. Goidenko, L.V. Polukhtov. *Sov. med.* 27 no. 5:26-28 M '64.
Significance of rheovasography in the examination of blood circulation of the popliteal artery and its branches in the leg. N.I. Kravkovskii, V.I.A. Zolotarevskii. *Sov. med.* 27 no. 5:17-20 M '64
- LEG—SURGERY**
Surgery on tendons of the lower extremities in cerebral paralysis. L.I. Pchukova, Z.Kh. Zigol'boim. *Ortop., travm. i protiz.* 27 no. 3:15-20 M '66.
- LEG—ULCERS**
Treatment of chronic pyodermal leg ulcers with perforated fibrin film. A.E. Volozhenchenko. *Veal. derm. i ven.* no. 5:70-72 '65
- LEGAL RESEARCH** see subdivision under China
- LEGISLATION**
Bringing legal science up to the level adequate to the tasks of communist construction. *Sov. gos. i pravo* 36 no. 3:3-14 M '66.
Katinchev, F.I. [Soviet legislation in the period of the building of communism] *Sovetskoe zakonodatel'stvo v period stroitel'stva kommunizma.* Moskva, Mysl', 1966. 100 p.
Preparation of legislative enactments and the new criminal laws of the U.S.S.R. V.N. Ivanov. *Sov. gos. i pravo* no. 9:85-88 S '59
- LEGISLATIVE BODIES**
(see also subdivision under Kirghizistan)
Vasilchenko, P.T. [Elections of Soviet representative organs] *Vyboi sovetskikh predstavitel'nykh organov* [Moskva] Izd-vo Moskk. univ., 1966. 80 p
- LEGISLATIVE BODIES—COMMITTEES**
Relation between the standing committees of the chambers of the Supreme Soviet of the U.S.S.R. and the Presidium of the Supreme Soviet of the U.S.S.R. and the Council of Ministers of the U.S.S.R. O.E. Kutafin. *Sov. gos. i pravo* 36 no. 1:32-40 Ap '66.
- LEGUMES**
Leguminous vegetables. V. Gerasimova. *Zakup. sel'khoz. prod.* no. 7:55-57 Ji '65.
- LEGUMINOSAE** see subdivision under Caucasus
- LEISURE**
Personal freedom and free time. K.M. Nikonov, F.T. Zimniov. *Spor. nauch. rab. Volg. gos. ped. inst.* no. 1 165-173 '64.
With concern for man. V. Vasil'ev. *Sov. profsoyuzy* 22 no. 6:27-29 M '66.
- LELIUKH, ALEKSEI GRIGOR'EVICH, d. 1905**
A.G. Leliukh; obituary. *Mias. ind. SSSR* 37 no. 1:63 '66.
- LEMMINGS**
Intraspecific variability and taxonomy of *Lemmus sibiricus* Kerr., 1792, of the Palearctic region. V.G. Krivosheev, O.L. Rossolimo. *Bull. MGPI. Old biol.* 71 no. 1:6-17 Ja-F '66.
- LENA RIVER—WATER RESOURCES DEVELOPMENT**
Scheme for overall utilization of the water resources of the Lena River. V.F. Aronsh. *Gidr. stroi.* 38 no. 1:1-8 Ja '66.
- LENA VALLEY—EARTH—SURFACE**
Structure of the upper mantle of the earth along the Pamir-Lena River profile. A.A. Lukk. *Sov. geol.* 9 no. 2:106-117 F '66.
- LENN, VLADIMIR IL'ICH, 1870-1924**
Advice for the readers of V.I. Lenin's complete works. R. Savitskaya. *Komm. Vooruzh. Sil* 47 no. 7:67-70 Ap '66.
"And now we shall hear Vladimir Il'ich..." N. Mokhov. *Agitator* 33 no. 7:55 Ap '66.
Creator and leader of the party of Communists. G. Obel'skii. *Agitator* 33 no. 5:32-37 M '66.
- Egor'ychev, N.G.** [Fight for communism in the Lenin way] Report at the solemn Moscow session dedicated to the 50th anniversary of V.I. Lenin's birth. *Po-tonniski borot'sia za kommunizm i Doklad na forzh-shestvom zadani v Moskve, posviashchennom 50-let'godovshchine so dnia rozhdeniya V.I. Lenina.* Moskva, Politizdat, 1966. 31 p.
- Essen, M.M.** [Encounters with Lenin] *Vstrechi s Leninym.* Moskva, Politizdat, 1966. 29 p.
- Inadmissible errors. A.B. Mal'nikov. *Ist. SSSR* 10 no. 2:239-241 M '66.
- Ivashchenko, V.K.** [Lenin's plan for the building of socialism in the U.S.S.R.; a lecture for correspondence students of the Novosibirsk Institute of Cooperative Trade] *Leninskii plan postroeniia sotsializma v SSSR, lektsiia dlia studentov-zaochnikov NSKT.* Otv. za vyp. I.G. Lashkov. Novosibirsk, Novosibirskii in-t sovetskoi kooperativnoi togovli, 1965. 29 p. (CS-11)
- Kozlovskii, V.E.** [Development of the Marxist theory of contradictions by V.I. Lenin] *Razvitie V.I. Leninym marksistskogo ucheniia o protivorechiakh.* Moskva, Mysl', 1966. 317 p.
- Lenin and planning. B.M. Oshnichenko. *Plan. khoz.* 43 no. 4:1-9 Ap '66.
Lenin in Poland. E. Ermolin. *Sov. voln* 48 no. 7:30 Ap '66
Lenin on the promotion of books. F. Petrov. *Knizh. toig.* 17 no. 4:1-3 Ap '66.
Lenin, schools and children. *Nar. obr.* no. 1:94-100 Ap '66
"Leniniana" as a school of life. A. Osipov. *Nai. obr.* no. 4:8-12 Ap '66.
Lenin's ideas live and conquer! *Mer. shor.* 49 no. 4:3-7 Ap '66.
Leningradskaya, O.B. [Encounters with Il'ich; reminiscences of an old Bolshevik] *Vstrechi s Il'ichem, vospominaniia staroi bol'shevichki.* 2. izd. Moskva, Politizdat, 1966. 38 p.
Lines written by Lenin. *Kryl. rod.* 17 no. 4:2-3 Ap '66.
The members of the Baltic Fleet listen to Lenin. I.M. Freidlin. *Mer. shor.* 49 no. 4:15-17 Ap '66.
More on the role of the conception of the world in literary works. A.B. Kaban. *Rad. lit.* 10 no. 2:13-15 F '66.
New books on V.I. Lenin. *Agitator* 33 no. 5:37 M '66.
New documents on problems of the East in V.I. Lenin's "Complete works." A. Kartunova, M. Tush. *Nar. Az. i Af.* no. 2:158-164 '66
New materials concerning V.I. Lenin's contacts with the Rumanian labor movement and Leninist propaganda in Rumania. E.I. Spivakovskii. *Ist. SSSR* 10 no. 2:188-200 M '66.
Problem of the proletarian movement of women in Lenin's legacy. Zh.P. Tymchenko. *Ukr. ist. zhur.* 10 no. 3:69-86 M '66.
Role and functions of Lenin words and expressions in the works of V.I. Lenin. G.A. Sonkina. *Uch. zap. MGPI* no. 234:27-37 '65.
Sixtieth anniversary of the publication of V.I. Lenin's article "Party organization and party literature." *Rad. lit.* 10 no. 1:61 Ja '66.
Some problems in the history of Soviet society discussed in the works of V.I. Lenin, based on the new materials of V.I. Lenin's complete works. V.I.A. Zevin, E.V. Klokov, B.M. Iakovlev. *Ist. SSSR* 10 no. 2:3-28 M '66
Story of a few lines in an article by Lenin. V. Kochelov. *Oktabr'* 42 no. 4:172-173 Ap '66
Study the great Leninist legacy more profoundly. *Sov. gos. i pravo* 36 no. 4:3-8 Ap '66.
This was V.I. Lenin's manner of work. A. Loginov. *Agitator* 33 no. 8:31-35 M '66.
V.I. Lenin and the problems of standardization. M.I. dok. po ist. stand. no. 3:5-8 '65.
V.I. Lenin and the "unity conference" in Brussels. S.S. Shaumov. *Ist. SSSR* 10 no. 2:27-41 M '66
V.I. Lenin as a theoretician of the state. A.I. Denisov. *Sov. gos. i pravo* 36 no. 1:10-19 Ap '66.
V.I. Lenin on child labor and vocational education. M.M. Cherniak. *Shkola i protiv.* 9 no. 3:2-4 M '65
V.I. Lenin on the foreign policy of the Soviet state. V. Zevin. *Mir. ekon. i mezhdunar. otn.* no. 4:11-23 '66.
V.I. Lenin on the role of the popular masses in the building of communism. N.P. Frantuzova. *Uch. zap. kaf. mnt.-lon filos.* no. 5:3 25 '65.
V.I. Lenin's adherence to principles. I.U. Nikiforov. *Mol. komm.* no. 1:29-37 Ja '65.
V.I. Lenin's criticism of the bourgeois and nationalistic concepts of the leaders of the Ukrainian Social Democratic Party and its historical significance. V.H. Sarbol. *Ukr. ist. zhur.* 10 no. 3:53-59 M '66.
V.I. Lenin's criticism of the Machist interpretation of the descriptive method in physics theory. M.M. Rozhenko. *Filos. probl. nauch. prirod.* no. 4:74-79 '65.
V.I. Lenin's use of classical and modern languages in his philosophical works. N.A. Timofeeva. *Uch. zap. MGPI* no. 234:5-26 '65.
We are learning to live as Lenin did. N. Koz'ychev. *Komm. Vooruzh. Sil* 47 no. 7:71-74 Ap '66.
- LENIN, VLADIMIR IL'ICH, 1870-1924—CHILDHOOD**
Ulianov, D.I. [Reminiscences about Vladimir Il'ich] *Vospominaniia o Vladimire Il'iche.* Izd. 2. Moskva, Politizdat, 1966. 50 p.
- LENIN, VLADIMIR IL'ICH, 1870-1924—DRAMA**
The high-school student Volodia Ulianov. L. Bulgak. *Teatr* 27 no. 2:13-14 F '66.
Through the prism of Lenin's mind... G. Kapralov. *Nov. vrem.* 23 no. 17:4-6 Ap '66.

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

Mushukov, V.E., and P.E. Nikitin. [Here Lenin lived and worked, historical places associated with Lenin in Leningrad and vicinity] Zdes' zhit i rabotal Lenin, po pamiatnym leninskim mestam Leningrada i okrestnostei. [Leningrad] Lenizdat, 1965. 563 p. fold map. (insert)

LENIN, VLADIMIR IL'ICH, 1870-1924—MONUMENTS, ETC.

The first monument. V. Anokhin. Mol. komm. no. 1. 92-94 Ja '65.

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

Lenin museums in schools. N.D. Ist. SSSR 10 no. 2:226-230 Mi-Apr '68

A one-room V.I. Lenin museum in an army unit. A Kudrjavtsev. Komm. Vooruzh. Sil 47 no. 7:75 Ap '66.

LENIN, VLADIMIR IL'ICH, 1870-1924—PORTRAITS

Moscow. Institut Mairkazma-leninizma. [Vladimir Il'ich Lenin, an album of photographs] Vladimir Il'ich Lenin, albom fotografii Moskva, Sovetskii Khudozhnik, 1965. 1 v. (chiefly illus.)

— V.I. Lenin, album. List of illustrations. 1 v. [In English, French, German, and Italian]

LENIN IN LITERATURE AND ART

N.K. Krupskaya and the actors who played the role of Lenin in the theater and motion pictures. G.F. Kiselev. Vop. Ist. 41 no. 4:203-208 Ap '68.

On the most secret. N. Poinkov. Okhlabr' 42 no. 4:153-156 Ap '68

The principal theme of my life. N. Zhukov. Okhlabr' 42 no. 1:145-152 Ap '68.

LENINABAD—EDUCATION OF WOMEN

A "university" of the "Khodzheni" residential block. A. Balanov. Agitator 33 no. 5:49-50 Mi '66.

LENINGRAD—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Block system of housing construction. S. Evdokimov. Na stroi. Ros. 7 no. 2:28 F '68.

Combine is building nine-story apartment houses. A.M. Alekseev. Stroi. i arkh. Len. 28 no. 3:7-9 Mr '68.

New possibilities for formations of housing projects. Suggestions for developing standard series LG-600 for the Avto Housing Construction Combine. N.Z. Matusevich, A.B. Tsvetkov, I.N. Kugushev. Stroi. i arkh. Len. 28 no. 3:11-18 Mr '68.

Nine-story apartment houses are being built by the assembly-line method. N. Zolotarev. Na stroi. Ros. 7 no. 2:27 F '68.

LG-602. Standard series of nine-story large-panel apartment houses for the Obukovo Housing Construction Combine. D.S. Gol'dgor. Stroi. i arkh. Len. 28 no. 3:3-6 Mr '68.

LENINGRAD—ARCHITECTURE

Walks in Leningrad. L. Il'in. Sov. arkh. no. 17:111-118 '65.

LENINGRAD—ART GALLERIES AND MUSEUMS

Leningrad, Ermitazh. [Monuments of Russian culture of the first quarter of the 18th century in the collections of the State Hermitage, a catalogue] Pamiatniki russkoi kul'tury pervoi chetverti XVIII veka v sobranii gosudarstvennogo ordena Lenina Ermitazha, katalog. Leningrad, Sovetskii khudozhnik, [n.d.] 360 p. illus.

LENINGRAD—BUILDINGS

Trust erect high-rise buildings. N.I. Bolov'ev. Stroi. i arkh. Len. 28 no. 3:22-23 Mr '68.

LENINGRAD—BUILDINGS—REPAIR AND RECONSTRUCTION

The Leningrad party organization in the struggle for the restoration of residential buildings, 1944-1945. O.N. Arslutkina. Vest. LGU 19 no. 20:17-28 '64.

LENINGRAD—BUILDINGS, PREFABRICATED

Combine is building nine-story apartment houses. A.M. Alekseev. Stroi. i arkh. Len. 28 no. 3:7-9 Mr '68. Improving the methods of three-dimensional self-fastening. D.A. Chaghi. Stroi. i arkh. Len. 28 no. 3:17-18 Mr '68.

LENINGRAD—CATHEDRALS

Iakirina, T.A., and I.D. Karpovich. [St. Isaac's Cathedral] Isaak'evskii sobor. [Leningrad] Lenizdat, 1965. 86 p. illus.

LENINGRAD—CIRCUS

Medvedev, M.N. [Leningrad Circus] Leningradskii tsirk. [Leningrad] Lenizdat, 1965. 58 p. (Turistsu o Leningrade)

LENINGRAD—CITY PLANNING

More sections of the city with efficient and diversified features. L.S. Raitus. Stroi. i arkh. Len. 28 no. 2:15-16 F '68

LENINGRAD—CLOTHING INDUSTRY

Direct contacts and the study of demand. I. Roshchin. Sov. torg. 39 no. 3:22-23 Mi '66

LENINGRAD—COMMERCE

Intradepartmental control in trade. I. Orzhagizian. T. Sigacheva. Bukh. uch. no. 2:14-16 F '66

LENINGRAD—COMMUNIST EDUCATION

Inculcating revolutionary traditions and work habits into school children, from the practice of the Leningrad party organization. V.A. Sergeev. Vest. LGU 19 no. 20:29-36 '64.

LENINGRAD—COMMUNIST PARTY OF THE SOVIET UNION

Marked by a feeling of heavy responsibility. V. Berezov. Kommunist 42 no. 1:24-29 Ja '66.

LENINGRAD—CONSTRUCTION EQUIPMENT INDUSTRY—EQUIPMENT AND SUPPLIES

Indices and material incentives for the use of production funds. G.O. Chinnikov, P. Pavlov. Vop. ekon. no. 2:17-29 F '68.

LENINGRAD—CONSTRUCTION INDUSTRY

Arithmetica of the research. B. L'vov, A. Nabaitchikov. NTO 8 no. 3:35-37 Mr '66.

For economy and the thrift. Stroi. i arkh. Len. 28 no. 2:1 F '68

Speed, quality, and economics. IU. I. Zavarukhin. Stroi. i arkh. Len. 28 no. 3:1-2 Mr '66.

Ways of saving material resources. K.I. Zaverakdi. Stroi. i arkh. Len. 28 no. 3:10 Mi '66.

LENINGRAD—CONSTRUCTION INDUSTRY—MANAGEMENT

Investigation, analysis, and introduction. IA. IU. Dukal'skii, V. IU. Sidorchuk. Stroi. i arkh. Len. 28 no. 2:9-10 F '68.

LENINGRAD—CONSTRUCTION INDUSTRY—SCHEDULING

Graphic work scheduling in action. E.I. Kunin. Stroi. i arkh. Len. 28 no. 3:20-21 Mr '68.

LENINGRAD—ELECTRIC MACHINERY INDUSTRY

Under the banner of the October Revolution. N. Rusekov. Kommunist 42 no. 5:27-29 Mr '66.

LENINGRAD—FIREMAN

Communists are in the avant-garde. F. Matvayev. Pozh. delo no. 1:6 Ja '66.

Important means of education. S. Zaslavskii. Pozh. delo no. 1:7 Ja '66

Work experience is the principal factor. V. Suslova. Pozh. delo no. 1:6 Ja '66

LENINGRAD—FOOD INDUSTRY—FINANCE

Business accounting and profit. IA. Tarasuk. Sov. torg. 39 no. 4:39-43 Ap '66.

LENINGRAD—FOUNDATIONS

Pile foundations for multistory structures. K. Krytov. Na stroi. Ros. 7 no. 2:28 F '68.

LENINGRAD—HEATING—EQUIPMENT AND SUPPLIES

Experience in using a new heating system. V.M. Gusev, IU. S. Kryzhanovskii. Stroi. i arkh. Len. 28 no. 2:27 F '68.

LENINGRAD—HISTORIC HOUSES, ETC.

Mushukov, V.E., and P.E. Nikitin. [Here Lenin lived and worked; historical places associated with Lenin in Leningrad and vicinity] Zdes' zhit i rabotal Lenin, po pamiatnym leninskim mestam Leningrada i okrestnostei. [Leningrad] Lenizdat, 1965. 563 p. fold map. (insert)

LENINGRAD—HYDRAULIC ENGINEERING—RESEARCH

Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut gidrotekhniki. [B.E. Vedenev All-Union Research Institute of Hydraulic Engineering] Vsesoiuznyi nauchno-issledovatel'skii institut gidrotekhniki imeni B.E. Vedeneva. Moskva, Energiia, 1965. 258 p.

LENINGRAD—INDUSTRIAL MANAGEMENT—CONGRESSES

The Leningraders discuss the problems of scientific labor organization. Sots. trud 11 no. 3:69-78 Mr '66.

LENINGRAD—INFLUENZA

Clinical aspects of epidemic influenza in Leningrad in 1955. E.S. Gurevich, Z.N. Kasatkina, T.A. Makarova. Sov. med. 29 no. 1:73-77 Ja '66.

LENINGRAD—KINDERGARTENS—DESIGN AND CONSTRUCTION

Improve designs of buildings for preschool institutions. T.A. Zamyatskaya. Stroi. i arkh. Len. 28 no. 3:24-25 Mr '66.

LENINGRAD—LABOR AND LABORING CLASSES

Postwar changes in the number and structure of Leningrad workers, 1945-1950. V.A. Ezhev. Vest. LGU 21 no. 2:15-21 '66.

LENINGRAD—LIBRARIES, CHILDREN'S

In the world of marvels. L. Zaitseva. Biblioteka' 43 no. 3:35-38 Mi '66.

LENINGRAD—MANUSCRIPTS, LATIN

The oldest parchment in the collection of Leningrad University. M.F. Mur'lanov. Vest. LGU 19 no. 20:151-164 '64.

LENINGRAD—MOTORBUS TERMINALS—DESIGN AND CONSTRUCTION

Fifth bus terminal. A.V. Shapito, S.G. Skvoritsov, K.A. Mel'nikov. Stroi. i arkh. Len. 28 no. 3:20-31 Mr '66.

LENINGRAD—MUSIC FESTIVALS

A whole, unique impression. I. Konstantinov. Sov. muz. 30 no. 3:91-100 Mi '66.

LENINGRAD—NOTARIES

From the work experience of notarial offices in Leningrad. O. Kolmanova. Rnd. pravo 29 no. 3:69-71 Mi '66.

LENINGRAD—PAINTINGS

Leningrad, Ermitazh. [Painting] Zhivopis'. [Ed. 4.] Moskva, Sovetskii Khudozhnik, 1964. [9] p. 50 col. plates. (CU)

LENINGRAD—PHYSICAL EDUCATION FACILITIES

Sports buildings. Stroi. i arkh. Len. 28 no. 3:20-27 Mr '66.

LENINGRAD—PLAZAS

Alexander Nevskii Square. B.V. Mutav'ev. Stroi. i arkh. Len. 28 no. 2:2-7 F '68.

LENINGRAD—POLITICS AND GOVERNMENT

How the party supervised and tried to improve the work of the governmental apparatus during the first five-year plan, based on the materials of Leningrad. V.A. Kutuzov. Vest. LGU 20 no. 2:38-48 '65.

LENINGRAD—POTATOES

Potato supply to Leningrad. S. Vikhorev. Sov. torg. 39 no. 3:37-34 Mi '66

LENINGRAD—SCHOOLHOUSES—DESIGN AND CONSTRUCTION

Designs of new school buildings for Leningrad; what the Zonal Institute offers. A.A. Burovokov. Stroi. i arkh. Len. 28 no. 2:17-19 F '68.

Four remarks on new designs. L.M. Khidolokel'. Stroi. i arkh. Len. 28 no. 2:19-20 F '68.

Opinion of workers in popular education. R.G. Kondraschik, L.A. Polonskii. Stroi. i arkh. Len. 28 no. 2:20 F '68

LENINGRAD—SCIENTIFIC LIBRARIES

The 250th anniversary of the Library of the Academy of Sciences of the U.S.S.R. M.V. Kukushkina. Vop. erkh. 8 no. 4:40-52 O-N '64.

LENINGRAD—SIEGE, 1941-1944

Party work among the crews of Lake Ladoga boats during the Great Patriotic War, June 1941-December 1942. E.M. Gorollik. Vest. LGU 20 no. 2:14-24 '65.

LENINGRAD—SOAP INDUSTRY

Centenary of the Leningrad Soap Factory. S.K. Akatov, P.D. Kupchinskii. Muzn. i kh. prom. 32 no. 1:5-8 Ja '66.

LENINGRAD—SPORTS

Ibsurin, A.I., and N.A. Kiselev. [Leningrad, the city of sports; a guidebook] Leningrad sportivnyi, sportech. nik. [Leningrad] Lenizdat, 1965. 329 p.

LENINGRAD—STADIUMS

Roofed sports arena. N.N. Basalutin. Stroi. i arkh. Len. 28 no. 2:22-26 F '68.

LENINGRAD—STREET LIGHTING

Decorative lighting of building facades and monuments in Leningrad. N.V. Volotskoi, V.V. Tolst'ev. St. i tekhnika 12 no. 4:14-20 Ap '68.

LENINGRAD—SUPPLY AND DEMAND

Direct contacts and the study of demand. I. Roshchin. Sov. torg. 39 no. 3:22-23 Mr '66.

LENINGRAD—THEATER

Theater palette. VII. Dmitrievskii. Teatr 27 no. 2:25-27 F '68.

LENINGRAD—TUNNELS—DESIGN AND CONSTRUCTION

Under the Morskoy Canal; on the construction of the Kanonarskiy Transportation Tunnel in Leningrad. A.A. Bogorodetskii. Stroi. i arkh. Len. 28 no. 3:28-30 F '66.

LENINGRAD PROVINCE—FARM PRODUCTION—MARKETING

Problem of vegetable marketing could be solved. N. Ignashev. Zap. sel'khoz. prod. no. 1:24-26 Ja '68.

LIGHT-SCATTERING

Applicability of the theory of the multiple scattering of light in the atmosphere to the effect of anomalous transparency. S. F. Rodionov, B. N. Movchan. *Probl. fiz. atm.* no. 3:18-24 '65.

Aucole part of the scattering function in the surface boundary layer. I. U. S. Lubovitska, G. V. Rozenberg. *Izv. AN SSSR, Fiz. atm. i okean* 2 no. 3:248-262 Mr '66.

Doppler effect in the motion of images. P. Paradoxaov. *Usp. fiz. nauk* 88 no. 3:585-586 Mr '65.

Effect of the optical parameters on the scattering of a narrow light beam in a turbid medium. A. P. Ivanov, I. D. Shestak. *Vestn. AN BSSR, Ser. fiz. -mat. nav.* no. 1:121-127 '66.

Effect of the polarizing properties of external radiation on the illuminance of various regions of a turbid medium. A. P. Ivanov, I. D. Shestak. *Dokl. AN BSSR* 10 no. 1:18-21 Ja '66.

Experimental determination of the extinction coefficient of turbid media. V. A. Timofeeva, L. A. Koveshnikova. *Izv. AN SSSR, Fiz. atm. i okean* 2 no. 3:320-323 Mr '66.

Hypofine structure of a Rayleigh light scattering line in a paramagnetic substance. B. I. Kochelaev. *Dokl. AN SSSR* 160 no. 1:833-835 F '66.

Influence of the angle divergence of a light beam on its penetration into a scattering medium. A. P. Ivanov, I. D. Shestak. *Izv. AN SSSR, Fiz. atm. i okean* 2 no. 3:312-315 Mr '66.

LIGHT FILTERS

Method of calculation and design of narrow-band absorption light filters made of colored glass with a given spectral characteristics. M. L. Alekseeva. *Opt. -mukh. prom.* 33 no. 3:8-11 Mr '66.

LIGHT PRESSURE

Discoverer of light pressure; on the hundredth birthday of P. N. Lebedev. A. S. Prud'omilov. *Priroda* 55 no. 3:48-60 '66.

LIGHTING

Carrying out insulating and laying operations under evening and night conditions. A. O. Lev. *Stroitel'stvo* 10 no. 5:22-23 My '65.

Study of lighting conditions. V. O. Degtiarev. *Trudy MIIT* no. 226:69-73 '66.

LIGHTING, ARCHITECTURAL AND DECORATIVE

Decorative lighting of building facades and monuments in Leningrad. N. V. Volotskoi, V. V. Tsel'nev. *Svototekhnika* 12 no. 4:14-20 Ap '66.

LIGHTNING

Evaluating the internal energy of a ball lightning. V. V. Balyberdin. *Samoletostroitel'stvo* 10 no. 3:102-101 '65.

LIGHTNING PROTECTION

Behavior of a contact network and its parameters during lightning induced overvoltages. K. B. Aleksandrov. *Sbor. trud. LITZIT* no. 227:69-65 '64.

Designing the lightning protection devices of buildings and structures. *Biol. zh. i tekhn.* 20 no. 1:27 Ja '66.

Impulse characteristics of complex groundings. A. L. Valner. *Elektricheskoe* no. 3:23-27 Mr '66.

Lightning protection of the traction substations of overhang trolleybus lines. A. L. Valner, S. M. Fortik, V. N. Floru. *Izv. vys. ucheb. zav., energ.* 9 no. 3:13-19 Mi '66.

Method for calculating lightning induced overvoltages in contact networks. K. B. Aleksandrov. *Sbor. trud. LITZIT* no. 227:87-108 '64.

LIGHTWEIGHT CONCRETE

(see also subdivision under Soviet Central Asia)

Properties of gas in plastic pastes and concrete. L. A. Semenov. *Bet. i zhe. -bet.* 12 no. 2:26-29 F '66.

LIGHTWEIGHT CONCRETE PRODUCTS

Precast cylindrical shells of cellular concrete. A. S. Zhiv. *Bet. i zhe. -bet.* 11 no. 3:30-31 Mr '65.

Preparing large totally prefabricated gas concrete elements on an assembly line. A. M. Gorshkov and others. *Stroitel'stvo* 12 no. 3:3-4 Mr '66.

LIGNIN

Industrial utilization of hydrolysis lignin. K. V. Lozhikova. *Khim. i lesokhim. prom.* 39 no. 2:32 '66.

Mechanism of acid condensation of lignin. V. M. Reznikov, G. D. Ponurov. *Zhur. prikl. khim.* 39 no. 2:391-398 F '66.

Nitration of lignin isolated from spruce wood by mechanical milling method. N. N. Shorygina, N. P. Mikhailov, B. V. Lopatin. *Khim. prirod. soed.* 2 no. 1:58-65 '66.

Production and properties of Bjorkman lignin from Siberian fir. D. D. Malasala, G. P. Grigor'ev. *Trudy LITZIT* no. 17:82-88 '65.

Recovery and purification of water-soluble sulfate lignin. V. N. Strumukov, D. V. Tishchenko. *Zhur. prikl. khim.* 39 no. 2:127-132 F '66.

Sorption properties of technological lignin as related to alcohols and fatty acids dissolved in water. G. P. Grigor'ev, T. M. Vasil'eva, N. M. Krupina. *Trudy LITZIT* no. 17:69-74 '65.

LIGNIN-ANALYSIS

Changes in the composition of the acidic groups of lignin during alkali and sulfate cooking. B. D. Bogomolov, E. D. Gel'fand. *Bum. prom.* no. 3:3-5 Mr '66.

LIGNITE see subdivision under Ukanine

LIGNOCERYL ALCOHOL

Reactivity of lignoceric alcohol. A. N. Rudakova, L. P. Popova. *Zhur. ob. khim.* 36 no. 2:242-244 F '66.

LIGNOSULFONIC ACIDS

Methodology of the production of lignosulfonic acid for physicochemical analysis. G. P. Grigor'ev, T. M. Vasil'eva, K. I. Vlasova. *Trudy LITZIT* no. 17:75-81 '65.

LILIES

Bell cardenolides of *Ornithogalum magnum* Krasch. Schlachk. N. F. Komleschenko. *Khim. prirod. soed.* no. 3:150-160 '65.

LIME

System calcium oxide - germanium dioxide. A. K. Shrivinskaya, R. G. Giebenshchikov, N. A. Toropov. *Izv. AN SSSR, Neorg. mat.* 2 no. 2:332-335 F '66.

LIMEKILNS

Improvement of the manufacture of lime. It. Basovych. *Stroitel'stvo* 15 no. 3:18 Mr '65.

LIMESTONE

(see also subdivision under Dniester Valley; Moldavia)

Systems of the mechanization of operations in the handling of limestone. L. A. Radman. *Sakh. prom.* 40 no. 3:24-26 Mr '66.

LIMING OF SOILS

Accelerated method for determining the chemical activity of limestone and dolomite based on their interaction with the soil. M. Kae-Kacana. *Agrokhimika* no. 3:131-135 Mr '66.

Effectiveness of liming as related to the form, fineness of milling, and the method of the placement of lime. P. A. Vekhov. *Khim. v sel'sk. khoz.* 4 no. 3:16-18 Mr '66.

LIMIT THEOREMS (PROBABILITY THEORY)

Note on the multivariate limit theorem. N. Shakhmatova. *Izv. AN Uz. SSR, Ser. fiz. -mat. nauk* 10 no. 1:80-90 '66.

One limit theorem for lattice distributions. A. V. Nagaev. *Izv. AN Uz. SSR, Ser. fiz. -mat. nauk* 10 no. 1:23-20 '66.

Preserving the limits of indeterminacy of partial sums of a series. I. P. Milovidova. *Trudy VZEI* no. 28:80-83 '65.

Refinement of a theorem of H. Robbins. S. Kh. Strazhdinov, G. Orasov. *Izv. AN Uz. SSR, Ser. fiz. -mat. nauk* 10 no. 1:30-38 '66.

LIMNOLOGY

Distribution of cobalt, nickel, copper, and zinc in lake deposits. A. I. Mun, R. A. Idriyova, A. B. Bekurov. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 3:3-18 Ji-S '64.

LIMONITE see subdivision under Turkmenistan

LINEAR COMPLEXES see Complexes

LINEAR EQUATIONS

Computation scheme in the integral correlations method for a hyperbolic equation. V. V. Bobkov, V. I. Kiylov. *Vestn. AN BSSR, Ser. fiz. -mat. nav.* no. 1:15-14 '66.

Fundamental system of solutions to an inhomogeneous system of linear equations. A. A. Shindler. *Uch. zap. Kaz. mat. Tium. gos. ped. inst.* 20 no. 4:60-63 '64.

Linear equations in spaces of basic and generalized functions. Z. Presdorf. *Dokl. AN SSSR* 168 no. 4:802-805 F '66.

Some problems affecting Banach spaces of sequences and infinite systems of linear equations. I. U. I. Gribanov. *Funkl. anal. i teor. funk.* no. 1:37-41 '63.

LINEAR PROGRAMMING

General approach to the solution of problems of linear programming of mosaic structure. E. G. Gol'shtein. *Dokl. AN SSSR* 168 no. 5:1062-1065 F '66.

Linear programming problem with variable technological coefficients. K. A. Amirgrov. *Trudy Vych. isenira AN Azerb. SSR* 3:110-124 '65.

Representation of the initial information for the automatic planning of machine operation. Nguyen Ba-Hao. *Zhur. vych. mat. i mat. fiz.* 6 no. 2:367-403 Mr-Apr '66.

Use of an M-26 in setting up a modified simplex method for solving the general problem of linear programming. R. A. Zviagina. *Optim. plan.* no. 1:5-51 '64.

LINO TYPE

Improving precision in the size of the linotype line. B. A. Vorokhobin. *Polygrafia* no. 6:16-16 Je '64.

LINTERS

Production of high-quality cotton cellulose from short-stapled lintors. L. E. Akim, Kh. U. Usmanov, T. M. Mirkamilov. *Trudy LITZIT* no. 17:25-30 '65.

LIPETSK PROVINCE-AGRICULTURE

Use a creative approach to cultivation practices. A. K. Bobrovskikh. *Zemledelie* 28 no. 1:10-20 Ja '66.

LIPETSK PROVINCE-EXCAVATIONS (ARCHAEOLOGY)

An ancient temple in the Vorgol Valley. A. N. Moskalenko. *Sov. arkheol.* 10 no. 2:203-209 '66.

LIPETSK PROVINCE-INDUSTRIAL MANAGEMENT

Quantities of efficiency. I. Chumikhin. *Sov. profsoyuz* 22 no. 5:16-18 Mi '66.

LIPID METABOLISM

Effect of vitamin B₆ on the basic indices of blood lipids in coronary atherosclerosis. G. M. Isazade, G. M. Rzaev. *Azerb. med. zhur.* 43 no. 3:9-11 Mi '66.

State of the interstitial substance of the arterial walls in experimental atherosclerosis. F. I. Ptashkina, V. T. Llamalev. *Blud. eksp. biol. i med.* 61 no. 1:87-90 Ja '66.

LIPIDOSIS

Xanthomatosis. I. P. Bakshia, P. V. Zahala. *Sov. med.* 29 no. 1:112-115 Ja '66.

LIPOYL DEHYDROGENASE

Mechanism of the inhibition of lipoyldehydrogenase by imidazole. S. E. Severin, A. A. Glemzha. *Dokl. AN SSSR* 166 no. 4:986-989 F '66.

LIQUEFIED GASES

Imparting odor to liquefied hydrocarbon gases. I. N. Babin, N. S. Semonenko. *Gaz. prom.* 11 no. 2:36-37 '66.

LIQUEFIED PETROLEUM GAS

Method for the economic evaluation of the production of ethylene from liquefied gases. I. A. Bulavinova. *Nefteper. i neftekhim.* no. 1:32-35 '66.

LIQUEFIED PETROLEUM GAS-STORAGE

Instructions on the construction of underground storage for white petroleum products and liquefied gases. *Biol. stroitel'stvo* 28 no. 1:16-17 Ja '66.

LIQUEFIED PETROLEUM GAS INDUSTRY

Bukhspan, I. D., and O. A. Butaev. [Arrangement and operation of liquefied petroleum gas plants] *Ustroistvo i eksploatatsiya ustanovok skhizhennogo gaza*. Moskva, Stroiizdat, 1966. 260 p.

LIQUID ALKALI METALS

Corrosion of iron in melts containing alkali metal and zinc phosphates. V. P. Kochergin, Z. A. Shevrina. *Zashch. met.* 2 no. 2:168-163 '66.

LIQUID ALUMINUM ALLOYS

Effect of the interaction between the components of a liquid aluminum alloy on the aluminum grain size. L. K. Larmikhov, G. V. Samsonov. *Izv. AN SSSR, Met.* no. 1:107-112 Ja-F '66.

LIQUID COPPER ALLOYS-TESTING

Viscosity of liquid copper alloys. K. I. Eretnov, A. P. Lubimov. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 1:100-123 '66.

LIQUID FERTILIZERS AND MANURES

Our experience in the use of liquid fertilizers. S. M. Sornakov, F. M. Ivanov. *Zemledelie* 28 no. 1:50-52 Ja '66.

Supercalculation of the aqueous systems $NH_4H_2PO_4-NH_4NO_3-KCl$ and $NH_4H_2PO_4-NH_4NO_3-CO(NH_2)_2$. M. E. Pozin, B. A. Kopylov, N. K. Shilling. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 9 no. 6:983-985 '65.

LIQUID FUELS

Apparatus for measuring the viscosity of oils and fuels. B. Martens. *Tekhn. v sel'sk. khoz.* 20 no. 1:76-78 Ja '66.

LIQUID GOLD-ELECTRIC PROPERTIES

Effect of surplus charges in a binary layer on the interfacial tension and the adhesion of metals to oxide melts. A. A. Deriabina, O. A. Esin, S. I. Popel'. *Izv. vys. ucheb. zav.; tsvet. met.* 9 no. 1:20-24 '66.

LIQUID HELIUM

Recent studies on the properties of liquid helium. L. P. Pitavskii. *Usp. fiz. nauk* 88 no. 3:400-418 Mr '66.

LIQUID LEVEL INDICATORS

Devices for automatic control of the liquid level in a p apparatus. P. V. Loykov, L. M. Rotostskii. *Mash. i neft. obor.* no. 1:27-34 '66.

Dielectric properties of oil extraction products. V. L. Karachan, V. N. Slivchikov. *Mash. i zhir. prom.* 32 no. 1:36-38 Ja '66.

Electric contact level indicator for measuring the position of the level of electrically conductive aggressive fluids in tanks without excessive pressure. L. G. Pale, Nefteper. i neftekhim. no. 11:32-33 '65.

LIQUID MANGANESE-NITROGEN CONTENT

Nitrogen solubility in standard metal manganese melts. V. P. Perepelkin. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 3:88-93 '66.

LIQUID NITROGEN—DENSITY

Temperature and pressure dependence of the density of liquid nitrogen. L. A. Akulov, V. N. Novotel'nov, Zhur. fiz. khim. 40 no. 3 708-709 Mr '68.

LIQUID METALS

The heating of a moving molten layer. M. A. Glinkov, V. M. Volnash, I. P. Filimonov. Izv. vuz. ucheb. zav., Chern. met. 9 no. 3:174-178 '68.

Method of investigating the kinetics of the interaction of two liquid phases in conditions of controlled convection. V. D. Shantalin, V. N. Boronnikov, P. M. Shurygin. Izv. AN SSSR, Met. no. 1:19-25 Ja-J '68.

Memogram for determining Prandtl's criterion for certain liquid metals. A. K. Chernyshev, Atom. energ. 20 no. 1: 68-70 Ja '68.

Rabinovich, B. V. [Introduction to foundry hydraulics: Properties of metals. Characteristics of flow. Gating systems] Vvedenie v litseinu gidravliku. Svoistva rasplavov. Osobennosti techeniya. Litul'kovye sistemy. Moskva, Mashinostroyeniye, 1966. 422 p.

Speed of ultrasonic waves, compressibility of liquid metals and their connection with various physical properties. S. I. Filippov, N. B. Karakov, L. A. Pionin. Izv. vuz. ucheb. zav., Chern. met. 9 no. 3:8-14 '68.

LIQUID STEEL

Equipment to measure the temperature of liquid steel over a long period of time. D. I. Iuz'kov and others. Ogneupory 31 no. 3 5-8 '68.

LIQUID STEEL—MODELS

Modeling some peculiarities of steel movement in a through mold. D. P. Kokushkin and others. Stal' 28 no. 3:223-225 Mr '68.

LIQUID STEEL—TESTING

Heterogeneity of the composition of metal and slag along the length of a large-capacity open-hearth furnace bath. M. I. A. Medzhibor'skii, A. A. Kuzakov, V. V. Gubarev. Izv. vuz. ucheb. zav., Chern. met. 9 no. 3 70-83 '68.

LIQUID ZINC-CALLIUM ALLOYS—THERMODYNAMICS

Thermodynamic properties of liquid alloys in the system zinc-gallium. L. N. Gorashenko, and others. Izv. vuz. ucheb. zav., Izvet. mel. 9 no. 1:48-48 '68.

LIQUIDS—THERMODYNAMICS

Energy of intermolecular reaction in pure liquids. E. S. Rudakov. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:31-36 '64.

Residual thermodynamic functions of liquids. V. A. Mikhailov. Izv. SO AN SSSR no. 11 Ser. khim. nauk no. 3:23-29 '64.

LITERARY AND SCIENTIFIC EXCHANGE see Exchange, Literary and scientific

LITERARY MUSEUMS see subdivision under Moscow

LITERARY SOCIETIES see subdivision under Japan

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM

Andreev, L. G., and A. G. Sokolov, eds. [Literary trends of the twentieth century] O literaturno-kul'dno-zhestvennykh techeniyakh XX veka; sbornik statei. [Moskva] Izd-vo Mosk. univ., 1966. 243 p.

Bobrov, M. N., ed. [The modern foreign short story and novel; articles, materials, and reports] Sovremennaya zarubezhnaya novella i roman; slat'i, materialy i soobshcheniya. [n.p.] Izd-vo Saratovskogo univ., 1965. 193 p.

The book of fiction and the reader. Iryhorii Syvokin'. Red. lit. 10 no. 1:3-17 Ja '68.

Exposer of the classics. P. Tashchenko, G. Litvak. Oktabri' 42 no. 3:199-200 Mr '68.

March of time and features of contemporary literary notions. V. H. Bilel'tev, Rad. lit. 10 no. 2:16-32 F '68.

Publication of the "History of world literature" Vest. AN SSSR 30 no. 1:10-12 Ja '68.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—STUDY AND TEACHING

Let's improve the teaching of literature. V. Strezikozin, S. Gromiseva. Nar. obr. no. 3:43-47 Mr '68.

LITERATURE, COMPARATIVE—BULGARIAN AND RUSSIAN

Aleksandr Blok and Bulgarian literature. Ekaterina Daskalova. Sov. slav. no. 2:14-20 '68.

LITERATURE, COMPARATIVE—ROMANIAN AND RUSSIAN

Dvoletchenko-Markova, E. M. [Russian-Romanian literary ties in the first half of the 19th century] Russko-rumynskie literaturnye svyazi v pervoi polovine XIX veka. Moskva, Nauka, 1966. 277 p.

LITERATURE, COMPARATIVE—RUSSIAN AND WHITE RUSSIAN

L. N. Tolstoy and White Russian culture; history of White Russian literary and cultural contacts with Russia. I. S. Bas. Vest. AN BSSR. Ser. hum. nay. no. 1:93-101 '65.

LITERATURE AND COMMUNISM see Communism and Literature

LITHIUM

Determining the microquantities of lithium in oil field waters. G. P. Aleksandrov, S. Kh. Shermet'ev, V. I. Mitovich. Geol. i geokhim. nef. i gaz. mestorozh. no. 3: 123-128 '65.

LITHIUM CARBONATES

Effect of lithium carbonate and aminazin on γ -amino-butylic acid content in the brain tissue. R. A. Komisarova. Ukr. biokhim. zhur. 38 no. 1:50-61 '68.

Sytem Li₂CO₃—CO₂—H₂O at various partial pressures of CO₂. I. N. Averko-Antonovich. Zhur. neorg. khim. 10 no. 10:2388-2389 O '65.

LITHIUM COMPOUNDS

Enthalpy of the formation of lithium methacrylate. A. S. L'vova, N. N. Fedotkin. Zhur. neorg. khim. 10 no. 10: 2378-2380 O '65.

LITHIUM HYDRIDE CRYSTALS—SPECTRA

Storage of a light sum in LiH phosphorus. B. V. Shul'gin, F. F. Gavrilov, V. V. Sazykin. Izv. vuz. ucheb. zav.; fiz. 9 no. 1:160 '66.

LITHIUM ISOTOPES—PHOTOELECTRIC PROPERTIES

Dipole photoelectric absorption in the Li⁶ nucleus. I. V. Kudimov and others. Izv. AN SSSR. Ser. fiz. 30 no. 2 292-300 F '68.

LITHIUM SULFATE

Transfer numbers, mobility, and hydration of lithium ions in highly concentrated Li₂SO₄ solutions. V. P. Troshin. Elektrokhimia 2 no. 2:232-234 F '68.

LITHOPRINTING see Offset printing

LITHUANIA—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

A complex of apartment houses is the end product. G. Izraelis. Zhil. stroit. no. 1:10-20 '65.

LITHUANIA—CATTLE TRADE

The collective farm meat combine. B. Miskinis. Zakup. sel'khoz. prod. no. 7:25-26 Ji '65.

LITHUANIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The 15th Congress of the Communist Party of Lithuania. Part. zhizn' no. 6:42-44 Mr '68.

LITHUANIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Efforts of rural party organizations to intensify the political activity of workers in the process of the consolidation of Soviet rule in Lithuania, August 1944-January 1950. V. P. Jakieno. Vest. LGU 21 no. 2:22-31 '60.

LITHUANIA—CONSTRUCTION INDUSTRY

In the State Committee on Construction of the Lithuanian S. S. R. Biul. stroit. tekhn. 28 no. 1 35-36 Ja '66.

LITHUANIA—DRAINAGE

From reclamation practices in the Lithuanian S. S. R. A. P. Petronis. Gidr. i mel. 18 no. 1:46-50 Ja '68.

LITHUANIA—MUSIC

On Lithuanian soil. I. A. Solodukho. Sov. muz. 30 no. 3: 104-108 Mr '68.

LITHUANIA—PAPER MILLS—TECHNOLOGICAL INNOVATIONS

Creative search. P. Skverniukov. Bum. prom. no. 3: 10 Mr '65.

LITHUANIA—PHARMACY

Pharmacy in the Lithuanian S. S. R.; on the 25th anniversary of Soviet Lithuania. J. Elevidis. Apl. dolo 15 no. 1:6-11 Ja-F '66.

LITHUANIA—RUSSIAN LANGUAGE—STUDY AND TEACHING

Creative spark in methodological work. A. I. Hoshniskas. Sred. shkola, obr. 13 no. 1:16-18 Ja '68.

LITHUANIA—WHOLESALE TRADE

Estimating the economy from the reduction of the average number of intermediate offices involved in trade turnover. A. Grigor'eva. Sov. potrob. koop. 10 no. 2:43-44 F '66.

LITHUANIA—WORLD WAR, 1939-1945

Role of Lithuanian Communists in the struggle against the occupation forces of German fascists, January 1944-May 1945. P. Bernatavicius. Vest. LGU 20 no. 2:25-37 '65.

LITHUANIAN LANGUAGE—SENTENCES

Simple impersonal sentences in the contemporary Russian and Lithuanian languages. V. V. Mikhail'chenko. Vest. LGU 21 no. 2 132-140 '66.

LIUBISHCHEV, ALEKSANDR ALEKSANDROVICH, 1890-

The 75th anniversary of Aleksandr Aleksandrovich Liubishchev. E. S. Smirnov. Ent. obr. 45 no. 1:232-236 '66.

LIVER

Autofluorographic study of methionine-³⁵S metabolism in the liver of guinea pigs. T. S. M. Slutskan, R. V. Chahovets'. Ukr. biokhim. zhur. 38 no. 1 45-49 '66.

Conversion of sulfates and phenols in the blood of highly productive cows with metabolic disorders (alimentary leucemia). D. P. Cherkasov. Trudy Mosk. vet. akad. 22 no. 2:112-118 '58.

Formation of free radical states in the liver of animals subjected to gamma irradiation and radiotoxins of the lipid nature. Z. I. A. Bakhardys and others. Dokl. AN SSSR 167 no. 1 209-211 Mr '66.

Free liver nucleotides in experimental atherosclerosis. N. P. Odul'sko. Vop. med. khim. 12 no. 1:48-51 Ja-F '66.

LIVER—ABSCESS

Abscesses of the liver. Nguyen-trinh-Co. Eksp. khim. i anal. no. 1:16-17 '65.

LIVER—BLOOD SUPPLY

Comparative evaluation of portal blood flow rate in liver and bile diseases. Sh. I. Gugeshashvili, G. M. Molodina-shvili. Soob. AN Gruz. SSR 41 no. 1:231-236 Ja '65.

LIVER—CANCER

Intrahepatic system of the portal vein in secondary (metastatic) cancer. E. A. Lysheva. Sbor. nauch. rab. vrach. Kar. ASSR no. 4:172-174 '62.

Primary liver cancer due to opisthorchiasis. T. A. Shmyreva. Arkh. pat. 28 no. 1:61-65 '66.

Scanning method in the diagnosis of metastatic tumors of the liver. G. A. Zubovskii. Med. rad. 11 no. 2:51-57 F '66.

Transumbilical portohepatography in the diagnosis of stomach cancer metastases to the liver. G. P. Zaitsev, E. A. Kuz'min, A. D. Nikol'skii. Vop. onk. 12 no. 2 8-12 '66.

LIVER—CIRRHOSIS

Some data on the development of cirrhosis of the liver under the influence of radioactive cerium. G. A. Lebedeva. Radiobiologiya 6 no. 1:55-58 '68.

LIVER—DISEASES

Activity of serum enzymes (transaminase and aldolase) in pulmonary tuberculosis and associated diseases of the liver and gallbladder. A. M. Vil'derman, Z. A. Eyragova. Probl. tub. no. 3 74-81 '65.

Comparative evaluation of portal blood flow rate in liver and bile diseases. Sh. I. Gugeshashvili, G. M. Molodina-shvili. Soob. AN Gruz. SSR 41 no. 1:231-236 Ja '65.

Takata-Ara test and the possibility of its use in the diagnosis of liver disease in cattle. K. Bodla. Trudy Mosk. vet. akad. 19 no. 2 pt. 1:154-158 '57.

True multiple cysts of the lobes hepatis dexter. Z. A. Talrova. Azerb. med. zhur. 43 no. 3:63-66 Mr '66.

Use of tetracycline and streptomycin in treating patients with chronic hepatitis and cholecystitis. T. I. Loran'skaya. Antibiotiki 11 no. 3:270-273 Mr '66.

LIVER—HYDATIDS

Alveolar echinococcosis of the liver; based on the materials of Magnitogorsk hospitals for 12 years. Sh. Kh. Mur'lega. Sov. med. 20 no. 2:124-127 F '66.

Diagnostic possibilities of direct transumbilical portohepatography in hepatic echinococcosis. T. A. Suvarova and others. Eksp. khim. i anal. no. 4:42-48 '65.

LIVER—NECROSIS

Liver dystrophy in epidemic hepatitis and its treatment. K. D. Bokuchava. Trudy Khim. gos. med. inst. 14:89-94 '61.

LIVER—SURGERY

Current aspects of liver surgery; a review of the literature. R. A. Troitskii. Eksp. khim. i anal. no. 4:48-50 '65.

Quantitative study of proliferating normal and tumoral liver cells of rats and mice. Report No. 1. Cytophotometric study of the regulation of cell metabolism in living isolated cells of the regenerating liver of a rat. V. M. Dresler and others. TSitologiya 8 no. 1:59-69 Ja-F '66.

LIVER—WOUNDS AND INJURIES

Healing of liver wounds under the effect of large doses of ionizing radiation; experimental study. P. E. Ogil. Khim. khir. no. 6:28-32 '65.

LIVER FLUKE

Primary liver cancer due to opisthorchiasis. T. A. Shmyreva. Arkh. pat. 28 no. 1:61-65 '66.

LOVE IN LITERATURE

Love, G. Milin. Mol. komm. no. 111-117 Ja '65.

LOVOZERO DISTRICT--TAPEWORKS

Results of diplyllobothriasis control in Lovozero District Murmansk Province. N. P. Shumilina. Med. paraz. i paraz. bol. 35 no. 2 170-184 Mr-Apr '66.

LOW-TEMPERATURE METALS see Metals at low temperatures

LOW TEMPERATURES

Use of substances containing rare earth ions with an even number of electrons in producing extremely low temperatures. S. A. Al'shulov. Pis'ma v zhur. eksp. i teoret. fiz. 3 no. 1 177-180 F '66.

LUBRICATION AND LUBRICANTS

Analyzing molecular weight distribution of polymethyl acrylate. L. F. Efimova, S. Z. Kapitan, I. E. Filin. Trudy LTTSDP no. 10:96-101 '65.

Antigalling properties of oils as a function of their rate of decomposition in the friction zone. K. I. Klimov. Dokl. AN SSSR 167 no. 1 13-48 Mr '66.

Apparatus for measuring the viscosity of oils and fuels. B. Martens. Tekhn. v sel'khoz. 28 no. 1:76-78 Ja '66.

Decrease in the expenditure of oil in the lubrication of the cylinder piston group of mine compressors. A. M. Iushnet'skiy. Prom. energ. 20 no. 4:26-28 Ap '65.

Effect of pulsations and vibrations on the performance of extraction apparatus when purifying lubricants by phenols. M. Z. Mukhlenko, A. I. Galeev. Neft' i neftekhim. no. 1 49-51 '66.

Effect of the polymer on the kinetics and depth of oxidation of the fractions of petroleum lubricants. I. E. Filin, L. F. Efimova, S. Z. Kapitan. Trudy LTTSDP no. 17:127-134 '65.

Experimental investigation of the heat conductivity of petroleum lubricants using a spherical biconical meter. A. K. Abas-zade, M. F. Efendiev. A. est. neftekhim. 44 no. 12:38-40 D '65.

Industrial production of barium salts of alkylphenol additives for motor oils. A. M. Bugachuk. Neft' i neftekhim. no. 11:10-14 '65.

Investigating the effect of some technological factors and temperature on the antifiction properties of solid lubrication coatings based on molybdenum disulfide. R. M. Matveevskiy, O. V. Lazovskaya, Mashinovedenie no. 2:88-90 '66.

Mechanization of lubricant thickening by polyisobutylene. S. A. Farmanov and others. Neft' i neftekhim. no. 2 52-53 '66.

New method for lubricating production strings. V. I. Kopylov, Yu. A. Chistakov. Izv. vyz. ucheb. zav., neftekhim. 9 no. 1 23-26 '66.

Optimum variant of the utilization of spent petroleum lubricants. A. N. Varshevskiy, L. Z. Goldberg, N. V. Polakova. Khim. i tekh. topl. i masel 11 no. 1:41-42 Ap '66.

LUBRICATION AND LUBRICANTS--ADDITIVES

Cyclopentadienyl bis(benzoyl manganese), a new effective stabilizer for silicone lubricating materials. R. I. Kobzova and others. Khim. i tekh. topl. i masel 11 no. 4:47-48 Ap '66.

Effect of organic compound additives on the properties and microstructure of a model of lithium grease. G. G. Shegolev, A. A. Trupnevskiy, I. I. Astakhov. Koll. zhur. 28 no. 1:146-150 Ja-F '66.

Foam formation in lubricants. G. I. Klehkin. Khim. i tekh. topl. i masel 11 no. 4:40-52 Ap '66.

Obtaining alkylphenols for the production of lubricant additives over an aluminosilicate catalyst. I. B. Bronfin and others. Neft' i neftekhim. no. 1:20-22 '66.

Synthesis and properties of triphosphonates (synthetic additives to lubricants). D. I. Minnitskii, V. V. Shvri, P. I. Sanin. Neft' i neftekhim. 5 no. 4:624-628 Ji-Ag '65.

LUBRICATION AND LUBRICANTS--TESTING

Studying the lubricative properties of higher fatty acids. A. A. Kul'kov. Khim. i tekh. topl. i masel 11 no. 4:127-29 Ap '66.

LUDWIGITE

Analysis of ludwigite by a rapid colorimetric method using ion-exchange resins. M. G. Pogorelova. Zhur. anal. khim. 21 no. 2:235-236 '66.

LUGANSK--TELEVISION BROADCASTING

At the head of a movement. F. Dovnar. Sov. radio i tel. 12 no. 4:21 Ap '63.

LUGANSK PROVINCE--PHARMACEUTICAL SOCIETIES

Work of the Lugansk Province Section of the Scientific Pharmaceutical Society. N. S. Moskovets. Farmatsiev. zhur. 20 no. 4:85-89 '65.

LUGANSK PROVINCE--TEACHERS, TRAINING OF

Let's support their initiative. Prof. -tekh. obr. 23 no. 2 21 F '66.

LUGANSK PROVINCE--TILLAGE

An agronomist should be also a researcher. D. A. Lysenko. Zemledelie 28 no. 1:44-45 Ja '66.

LUMBER--MENSURATION

Comparative evaluation of devices for the mensuration and estimation of round timber. V. A. Lebedev. Izv. vyz. ucheb. zav., les. zhur. 8 no. 6:160-164 '65.

LUMBER--STANDARDS

Yield of unedged timber from aspen saw logs and its defects. V. I. Nikanov. Izv. vyz. ucheb. zav., les. zhur. 8 no. 6:111-114 '65.

LUMBER--STORAGE

Guid. V. I. [Bundle methods for the transportation and storage of export lumber] Paketnyi metod transportirovaniya i khraneniya eksportnykh plomaterialov. Moskva, Tsentr. nauchno-issled. informats. i tekhniko-ekon. issledovaniya po lesnoi, tsellulozno-bumazhnoi, derevobrabatovatel'skoi promyshli, i lesnoi khoz., 1964 13 p. (Derevobrabotka) [MICROFILM]

Storing the winter supply of timber in water. S. N. Usov. Izv. vyz. ucheb. zav., les. zhur. 8 no. 6:62-67 '65.

LUMBER--TRANSPORTATION

(see also subdivision under Yenisey River)

Basin for the structural forms of reinforced concrete bottom supports. V. T. Reshetnikov, G. A. Manukhin. Izv. vyz. ucheb. zav., les. zhur. 8 no. 6:78-81 '65.

Effectiveness of bunching timber for shipment by the use of semitrigal slings. E. Gagarin. Mor. flot 26 no. 2 15-17 F '66.

Guid. V. I. [Bundle methods for the transportation and storage of export lumber] Paketnyi metod transportirovaniya i khraneniya eksportnykh plomaterialov. Moskva, Tsentr. nauchno-issled. informats. i tekhniko-ekon. issledovaniya po lesnoi, tsellulozno-bumazhnoi, derevobrabatovatel'skoi promyshli, i lesnoi khoz., 1964. 13 p. (Derevobrabotka) [MICROFILM]

Pulpwood transportation should be switched over to rivers. V. Remezov. Rech. transp. 23 no. 6:6-8 Je '64.

Research on the dynamics of the placing mechanism in the continuous assembling of raft sections. Report No. 2: Braking dynamics of a loaded placing frame. K. A. Chekalin. Izv. vyz. ucheb. zav., les. zhur. 8 no. 6:68-73 '65.

Shipping lumber in bundles on the Yenisey River. I. Ostapenko, G. Gorinchev. Rech. transp. 23 no. 6:13-16 Je '64.

Study of some work parameters of the cable-driving pulley designed by B. I. Dobrynskiy. A. G. Prokhorenko. Izv. vyz. ucheb. zav., les. zhur. 8 no. 6:82-87 '65.

LUMBERING see subdivision under Carpathian Mountains; Krasnodar Territory; Volgograd region

LUMBERING--MACHINERY

Automatic unloaders of logs from longitudinal conveyors. D. V. Kuznetsov, G. K. Sokol'skiy. Khim. i tekh. topl. i masel 11 no. 1:46-48 Ja '66.

LUMBERING--PATENTS

Development of inventions and the patent information in the U.S.S.R. E. A. Pavlov. Izv. vyz. ucheb. zav., les. zhur. 8 no. 6:168-171 '65.

LUMBERING--RESEARCH

Acceleration of technical progress in the lumbering, pulp and paper, and woodworking industries as an important task of the institutions of higher learning. Izv. vyz. ucheb. zav., les. zhur. 8 no. 6:3-4 '65.

LUMBERYARDS--EQUIPMENT AND SUPPLIES

Use of overhead cranes in lumberyards. N. I. Lebedev. Izv. vyz. ucheb. zav., les. zhur. 8 no. 6:74-77 '65.

LUMINESCENCE

Means of determining iron in solutions using the method of luminescence. B. S. Ostapov. Izv. vyz. ucheb. zav., geol. i razv. 0 no. 1:48-53 Ja '66.

cheskikh issledovaniy. Pod red. T. E. Baranovoi, A. A. Il'mol i V. N. Florovskoi. Leningrad, Nauka, 1966. 111 p.

Radioluminescent analysis. Report No. 1: Radioluminescent determination of some organic substances. V. G. Kokoulin. Zhur. anal. khim. 21 no. 2:203-209 '66.

Self-luminescence of a scattering layer. E. P. Zaga. Dokl. AN SSSR 10 no. 1:15-17 Ja '66.

Use of preliminary thermal processing in the luminescent determination of zircon. I. U. A. Polkanov. Itazved. i okh. nedr. 32 no. 1:49-50 Ja '66.

LUNACHARSKII, ANATOLII VASIL'EVICH, 1875-1933

A. V. Lunacharskii on the innovative character of Soviet art. P. P. Ekstein. Uch. zap. kaf. mar.-len. filios. no. 6:105-115 '65.

A. V. Lunacharskii on the poetry of Vladimir Mayakovsky. V. V. Efimov. Zbiri nauk pisat' asp. z filol. Kyiv. un. no. 18 20-28 '63.

The "arrested" Ibsen. N. Pilshev. Teatr 27 no. 2:77-78 F '66.

Fighter of Lenin's Guards. R. Lavrov. Sov. voyn 47 no. 22:7 N '65.

Introduction to "dramolelia." A. V. Lunacharskii. Teatr 27 no. 2:71-76 F '66.

Lunacharskii-Rozenoi, N. A. [Memory of the heart; reminiscences] Pamiat' serdtsa, vospominaniia. [Izd. 2] Moskva, Iskustvo, 1965. 477 p.

LUNAR PROBES

First moon satellite. D. V. Kukarkin. Nov. vrem. 23 no. 15 5-6 Ap '68.

"Luna-6" on the moon. NTO 8 no. 3:2 Mr '66.

A new outstanding achievement of Soviet science and technology. Vest. AN Kazakh SSR 22 no. 2 3 F '65.

A new step in the knowledge of the universe. Av. i kosm. no. 3:7-9 Mr '66.

[On the moon] Na Lune, sbornik statei. Moskva, Znanie, 1966. 14 p. (Novoe v zhlzai, nauke, tekhnike. IX Seriya. Fizika, matematika, astronomia, no. 6)

Outstanding achievement of Soviet science and technology. First scientific station on the moon. Vest. AN SSSR 36 no. 2:3-1 F '66.

A salute to the 23d Congress from outer space: "Luna-6" is a remarkable triumph of Soviet science and technology. Agitator 33 no. 4:2-3 F '66.

A Soviet automatic laboratory is on the moon. Av. i kosm. no. 3:3-6 Mr '66.

Steps on the craters. A. Tishchenko. Av. i kosm. no. 1: 37-18 Ap '66.

To scientists and designers, engineers, technicians, and workers, to all collectives and organizations having taken part in the creation of the automatic station "Luna-6" and the realization of a soft landing on the moon. Av. i kosm no. 3:2 Mr '66.

LUNGS--ABSCESS

Late results of pneumonectomy for lung abscess. N. I. Truten'. Klin. khir. no. 6:15-16 '65.

LUNGS--BLOOD SUPPLY

Morphologic changes in the lung following separate and combined ligation of the vessels of the radix and bronchi, experimental study. V. K. Mavrin. Klin. khir. no. 6:16-21 '65.

LUNGS--CANCER

Bacteriological examination of pneumates from the pleural cavities of patients with cancer of the lungs in the post-operative period. V. A. Kochetkova, I. M. Golubeva. Lab. delo no. 3:174-176 '66.

Bronchogenic cancer and tuberculosis of the lungs. F. S. Golubov. Vop. onk. 12 no. 3:12-16 '66.

Classification of primary pulmonary cancer. A. E. Babukhin, M. Z. Uptier. Vop. onk. 12 no. 3:17-24 '66.

Diagnostic errors in primary lung cancer. V. M. Choburanova. Sov. med. 27 no. 5:7-9 My '64.

Differential diagnosis of cavernous lung cancer. A. P. Kolesov and others. Vop. onk. 12 no. 3:3-11 '66.

International Conference on Lung Tumors in Perugia (Italy) June 23-29, 1965. L. M. Shabad. Vop. onk. 12 no. 2 123-126 '66.

Morphological characteristics of the stroma of lung cancer developing after anthracoilicosis. S. S. Kurenina. Arkh. pat. 28 no. 1:58-61 '66.

Some problems of early diagnosis in lung cancer. B. K. Sharov. Sov. med. 27 no. 5:3-8 My '64.

State of pulmonary circulation in radiotherapy and combined therapy of bronchogenic cancer. V. A. Vladimirova. Vop. onk. 12 no. 2:16-21 '66.

LUNGS--COLLAPSE

Disorders of bronchial patency in early postoperative period of lung resection for tuberculosis. A. I. Rozno. Sov. med. 29 no. 2:62-65 F '66.

LUNGS--DISEASES

Comparative characteristics of the clinical symptoms of bronchogenic cancer and chronic nonspecific pulmonary diseases. F. A. Mal'chik. Sov. med. 29 no. 1:40-43 Ja '66.

Effect of broncholytic agents on the vital capacity of the lungs and the saturation of arterial blood with oxygen in patients with pneumosclerosis. A. I. Arakcheev, V. I. Geychikov. Sov. med. 29 no. 1:35-40 Ja '66.

Metabolism of some vitamins in pneumosclerosis. V. A. Novikov. Sov. med. 29 no. 2:116-118 F '66.

LUNGS--DUST DISEASES

(see also subdivision under Azerbaijan)

Morphological characteristics of the stroma of lung cancer developing after anthracosis. S. S. Kurenina. Arkh. pat. 28 no. 1:58-61 '66.

LUNGS--INNERVATION

Pathomorphological afferent innervation of the lungs in pneumosclerosis of various etiology. I. M. Isaev. Azerb. med. zhur. 43 no. 3:49-56 Mr '66.

LUNGS—RADIOGRAPHY

Clinical X-ray chest radiographs of pneumoconiosis occurring in Azerbaijan. I. I. Alekperov, T. B. Datskovskaya, I. F. Ter-Bagdasaryan. Azerb. med. zhur. 42 no. 11 12-18 N '65

Detection of early pulmonary tuberculosis by large-photo-graph fluorography in polyclinics. B. A. Bakhashiev. Azerb. med. zhur. 43 no. 1 43-49 Ja '66

Role of tomographic examinations in the study of the pathogenesis and focal characteristics of pulmonary tuberculosis. N. E. Titomirova. Probl. tub. no. 3 27-31 '65

LUNGS—SURGERY

Changes in the electrocardiogram in patients with tuberculosis following various forms of pulmonary resection. S. R. Lachinlan, Z. S. Kidanova. Probl. tub. no. 5 33-41 '65

Characteristics of the reactions of the cardiovascular system following removal of the lung. N. N. Gorev, L. P. Chervasskiy. Vest. ANM SSSR 21 no. 4 66-72 '65

Clinical aspects and therapy of neurological complications in operations for pulmonary tuberculosis. M. G. Fainberg, R. A. Besonvalala. Probl. tub. no. 3 46-49 '65

Diagnosis and surgical treatment of bronchiectasis of the basal segments. S. L. Litov, M. R. Rokhljak, I. I. Lazuk, Klin. khir. no. 6 7-11 '65

Disorders of bronchial patency in early postoperative period of lung resection for tuberculosis. A. I. Roznov. Sov. med. 20 no. 2 62-65 F '65

Experimental justification for the use of a bone clamp in the resection of lungs. L. K. Bogush and others. Eksp. khir. i anest. no. 4 9-15 '65

Functional state of the kidneys in pulmonary tuberculosis before and after radical surgery. M. I. Korogoda. Probl. tub. no. 5 42-44 '65

Late results of pneumonectomy for lung abscess. N. I. Truten', Klin. khir. no. 6 15-18 '65

Prevention of bronchopleural fistulas following pulmonary resection. D. P. Chukhrienko, V. A. Bondarenko. Klin. khir. no. 6 12-14 '65

Use of large doses of antibacterial preparations in surgical therapy of fibrocavernous pulmonary tuberculosis. A. Zaza. Probl. tub. no. 3 41-45 '65

LUNGS—TRANSPLANTATION

Lung transplantation. V. F. Perinol, A. A. Adamian. Eksp. khir. i anest. no. 4 3-9 '65

LUNGS—TUMORS

Dysontogenic neurogenic lung tumor in an anencephalus. N. F. Siltaeva. Arkh. pat. 28 no. 1 77-79 '66

LUPUS ERYTHEMATOSUS

Circulating antinuclear antibodies in lupus erythematosus. G. I. Zhuravlev. Sov. med. 29 no. 2 83-88 F '66

Effect of antibodies from sera of patients with systemic lupus erythematosus on specific functions of DNA. A. M. Poverenniy, A. A. Prokhorov. Vop. med. khim. 12 no. 1 117-119 Ja-F '66

LUTSK—CITY PLANNING

Some problems in the construction of Lutsk. R. Metel'nik. Stroi i arkhit. 14 no. 1 15-16 Ja '66

LUVENGA RIVER—SALMON

Use of electric screens for containing the salmon in the Luven'ga River. L. A. Petrenko, G. M. Mishelovich. Ryb. khoz. 40 no. 8 41-43 '64

LUXEMBURG, ROSA, 1870-1919

How Rosa Luxemburg struggled against German militarism on the eve of the First World War. R. I. A. Evzerov. Nov. i novelish. ist. no. 2 95-105 '66

LYOV—CHAIRS

Molding chair frames from ground waste. V. M. Nodol'man. Des. prom. 16 no. 2 23-25 F '66

LYOV—DIAMONDS, INDUSTRIAL

Toward new boundaries of technological progress. I. I. Sverdlik, B. L. Tsarenko. Mashinostroitel' no. 3 30-31 M '66

LYOV—DRUGSTORES

Results of the work of Pharmacy No. 32 in Lyov. M. M. M'ikushchak. Farmatez. zhur. 18 no. 6 78-79 '63

LYOV—KNIT GOODS INDUSTRY—TECHNOLOGICAL INNOVATIONS

Proposals of the efficiency promoters in the "Promin'" Knit Goods Production Combine in Lyov. V. I. Elitsov. Leh. prom. no. 1 55-58 Ja-F '66

LYOV—PETROLEUM—STORAGE

Experience in automating the Lyov tank farm. L. E. Kunin, I. U. S. Velikotvann. Transp. i khran. nefli i nefteprod. no. 2 20-32 '66

LYOV PROVINCE—GROCERY TRADE—MANAGEMENT

Demand is the only basis for orientation. G. Sviridenko. Sov. org. 39 no. 4 29-30 Ap '66

LYOV PROVINCE—TECHNOLOGICAL INNOVATIONS—FIDANCE

Issuing credit for stating and adjusting work. S. Veigun. Den. i kred. 24 no. 3 41-43 M '66

LYOV REGION—DAIRYING

How the "Vinnitskiy" State Farm increases the production and sale of milk. M. Chirichenko, I. A. Pashchenko. Zakup. sel'khoz. prod. no. 6 37-38 Jo '65

LYOV-VOLYN BASIN—ARGILLITE

Characteristics of argillites covering the coal seams of the Zabuzhskoye, Tyaglovskoye, and Mezhdurichenskoye coal deposits in the Lyov-Volyn Basin. I. A. P. Plaska. Geol. zhur. 25 no. 1 61-70 '65

LUGA (LENNINGRAD PROVINCE)—NEWSPAPER PUBLISHING

Evgenii Vasil'ev from Luga. Leonid Luban. Sov. pech. no. 3 45-46 '66

LYAVLYAKAN LAKE REGION—STONE AGE

Riddle of Lyavlyakan. P. Knimov. Ekona. i zhizn' 6 no. 1 84-87 Ja '66

LYMPHANGIOGRAPHY

Use of lymphography in preoperative detection of metastases in cancer of the rectum. S. N. Fain, B. A. Luk'ianchenko, Khirurgia 42 no. 3 66-92 Mr '66

LYMPHATICS

Deep lymphatic vessels of the superficial layer of a horse's head and their connections with the surface vessels. Z. A. Shakhmardanov. Trudy Mosk. vet. akad. 19 no. 2 pt. 1 117-120 '57

Effect of diluents on the resorption of colloid Au¹⁹⁸ into the lymphatic system. V. V. Sedov, S. V. Seryi, N. F. Tarasov. Med. rad. 11 no. 2 33-37 F '66

Effect of vasopressin on the vascular system of the renal substantia medullaris. L. N. Ivanova, L. K. Kurduban, T. V. Perekhval'skaya. Fiziol. zhur. 52 no. 3 302-307 Mr '66

Paths of the flow of lymph from the muscles of the ventral region of the neck and the topography of the carotid lymphatic duct in a horse. A. L. Kim. Trudy Mosk. vet. akad. 19 no. 2 pt. 1 121-120 '57

Paths of the flow of lymph from the skin of a horse's head and their topography. Z. A. Shakhmardanov. Trudy Mosk. vet. akad. 19 no. 2 pt. 1 101-110 '57

Topography of the lymphatic nodes of a horse's head. Z. A. Shakhmardanov. Trudy Mosk. vet. akad. 19 no. 2 pt. 1 111-116 '57

LYMPHATICS—CANCER

Anatomical substantiation of lymphogenic metastasizing of cancer of the rectum. E. N. Oleneva. Vop. onk. 12 no. 3 32-38 '66

LYMPHATICS—DISEASES

Characteristics of the primary affection and lymphadenitis in gammasid-borne rickettsiosis (rickettsiosis D). I. R. Drobnitskiy. Trudy Kish. gos. med. inst. 14 243-257 '61

LYMPHATICS—TUBERCULOSIS

Pathomorphological changes in lymph nodes due to tuberculosis in swine. V. P. Nollubn. Veterinarlia 42 no. 1 97-99 Ja '66

LYMPHEDEMA

Congenital partial gigantism. A. N. Retvinskii. Klin. khir. no. 4 37-41 '65

Partial gigantism. V. E. Nazarov-Rygdylon. Klin. khir. no. 4 80-81 '65

LYMPHOCYTES

Restoration of the chick thymus lymphoid tissue following whole-body and local X-ray irradiation. I. U. P. Khussar. Radiobiologia 6 no. 1 50-54 '66

LYMPHOGANULOMATOSIS see Hodgkin's disease

LYMPHOMA

Effect of cortisone injections on the content of labile ATP phosphorus in the tissues of the thymus and in the cells of mixed lymphoma. I. A. Bezvershenko. Vop. med. khim. 12 no. 1 63-65 Ja-F '66

LYSENKO, MYKOLA VITALIOVYCH, 1842-1912

Andriyeva, N. [Children's operas of M. V. Lysenko] Dytyachi opery M. V. Lysenka. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva, muzychnol. lit-ry URSR, 1962, 74 p. (MH)

LYSINE

Effect of threonine and isoleucine on the biosynthesis of L-lysine by homoserine deficient strains of Micrococcus glutamatus. S. Z. Mindlin, A. M. Zaitseva. Prikl. biokhim. i mikrobiol. 2 no. 3 168-174 Mr-Apr '66

LYTTIK, VASILII IL'ICH, 1895-

Vasilii Il'ich Lytkin. B. A. Serebrennikov. Izv. AN SSSR. Ser. lit. i iaz. 25 no. 1 71-72 Ja-F '66

LYUBERTSY DISTRICT—ECONOMIC POLICY

When we read the proposed directives. A. Kolchin. Kommunist 42 no. 4 35-36 Mr '66

MACARONI

(see also subdivision under Uzbekistan)

Photographic method of determining the rate of extrusion of macaroni products. K. P. Gus'kov and others. Khleb. i kond. prom. 10 no. 3 26-28 Mr '66

MacARTHUR, DOUGLAS, 1880-1964

MacArthur and the threat of a new world war in 1950-1951. S. V. Vol'ison. Nov. i novelish. ist. no. 2 65-74 '66

MACEDONIAN LANGUAGE—MORPHOLOGY

Defense of dissertations. G. Klepkova, T. Nikolaeva. Soy. slav. no. 2 120 '66

MACH, ERNST, 1838-1916

V. I. Lenin's criticism of the Machist interpretation of the descriptive method in physics theory. M. M. Rozhenko. Filoz. probl. such. py. i od. no. 4 71-79 '65

MACHINE ACCOUNTING

(see also subdivision under White Russia)

Machine accounting in savings banks. V. Karchevskii. Den. i kred. 24 no. 3 67-71 M '66

Machine accounting in trade. D. Shafar, R. Ustinova. Bukhg. uch. no. 2 38-41 F '66

Mechanization of accounting and statistical work. Sov. toig. 39 no. 3 58-61 Mr '66

Practice in the introduction of a telecommunication system. V. Popov. Den. i kred. 24 no. 2 70-72 F '66

Problems of the mechanization of accounting and computing work in the State Bank. S. Pleshakov. Den. i kred. 24 no. 3 10-24 Mr '66

MACHINE MOLDING (FOUNDING)

Methods of increasing the efficiency of molding machines and automatic equipment in small run production. O. A. Belikov, I. L. Vorob'ov. Lit. protzv. no. 2 14-15 F '66

MACHINE PARTS

Spare parts for export. Vnesh. toig. 46 no. 3 32a-32d '66

Wear of machine parts as a random value. I. B. Tartakovskii. Vest. mashinost. 40 no. 2 3-8 F '66

MACHINE PARTS—ABSTRACTS

[Materials for machinery manufacture and the design of machine parts. Hydraulic drive] Ref. zhur. i Mashinostroi. mat., konstr. i isch. det. mash. Gid. no. 2 F '66

MACHINE PARTS—CLEANING

Washing powder instead of kerosene. V. Vashkov. Izobr. i rats. no. 2 6 '66

MACHINE PARTS—DESIGN AND CONSTRUCTION

Dunay, P. E. [Design of units and parts of machines] Konsultirovaniye uzlov i detalей mashin. Moskva, Vysshaya shkola, 1966, 362 p.

Gutikh, P. A. [Design of flat parts] Raschet ploskikh detalей. Moskva, Mashinostroenie, 1966, 232 p.

MACHINE PARTS—DRAWINGS

Marking dimensions on drawings of parts having symmetry planes. R. V. Iakim. Vest. mashinost. 40 no. 2 43-45 F '66

MACHINE PARTS—RELIABILITY

Durability of machine parts under operating conditions. M. S. Bogomolov. Vest. mashinost. 40 no. 2 10-11 F '66

Scientific technical conference on increasing the reliability and durability of parts. O. O. Kulikov, M. S. Nermanov. Vest. mashinost. 40 no. 3 81 Mr '66

MACHINE PARTS—VIBRATION

Investigating the rocker-platen group for resistance to vibration. A. I. Dzhabakhita. Izv. vyz. uch. zav. i mashinost. no. 11 63-66 '65

MACHINE-SHOP PRACTICE

Boisov, G. S., and V. P. Sakharov. [Concise handbook for the shop mechanic] Kratkiy spravochnik tekhnovogo mekhanika. Moskva, Mashinostroenie, 1966, 668 p.

Design of a guiding surface for rolling a plastic band into a continuous hose. E. M. Baldina. Vest. mashinost. 46 no. 2 41-43 F '66

Fits for plastic parts. E. F. Bezholukova. Sbor. trud. MVU no. 2 8-10 '62

Machine for repairing corrugated cylinders. K. F. Zaitsev. Mashinostroitel' no. 3 27 Mr '66

Machine teaches how to work. I. U. Ovakintan, S. Maloletneva, V. Pustolodov. Izobr. i rats. no. 2 21 '66

Semiautomatic dismantling of wheel pairs with heating. G. I. Andreev and others. Mekh. i avtom. protzv. 20 no. 2 4-5 F '66

Simple determination of the angle of inclination of the profile of hobbing cutters for straight-sided splines. M. L. Bedrikovskii, M. L. Grizotskii, G. A. Kokoshkin. Stan. i inst. 37 no. 2 30-40 F '66

Using gluing techniques in manufacturing technical equipment. N. M. Kapustin, M. F. Sukhov. Sbor. trud. MVU no. 3 46-58 '63

MACHINE-SHOP PRACTICE—MECHANIZATION

Zaitsev, M. M. [Mechanization of auxiliary and conveying operations, practices of Moscow machinery plants] *Mekhanizatsiya vspomogatel'nykh i transportnykh rabot, iz opyta raboty moskovskikh mashinostroitel'nykh zavodov.* [Moskva] Mosk rabochii, 1965. 99 p.

MACHINE-TOOL INDUSTRY

(see also subdivision under Yegor'yevsk, Moscow Province)

Iakobson, M. O. [Technology of the manufacture of machine tools] *Tekhnologiya stankostroeniia.* Izd. 2, perer. i dop. Moskva, Mashinostroenie, 1965. 475 p.

Toward new boundaries of the Soviet machine-tool industry. *Stan i instr.* 37 no. 3:1-2 M1 '66.

MACHINE-TOOL INDUSTRY—EXHIBITIONS

Exhibits of Kiev machine tool, toolmakers at the Exhibition of Achievements of the National Economy V Medaikov *Inform. biul. VDNKH* no. 1:1-16 Ap '66

New methods of work in the "Krasnyi Proletarii" Plant. [Ratner] *Inform. biul. VDNKH* no. 1:12-15 Ja '66

MACHINE-TOOL INDUSTRY—MANAGEMENT

(see also subdivision under Sverdlovsk)

In the Ministry of the Machine-Tool and Cutting-Tool Industry. *Vest. mashinost.* 46 no. 2:80 F '66.

In the Ministry of the Machine-Tool and Metal-Cutting Tool Industry. *Vest. mashinost.* 46 no. 3:88 Mr '66.

MACHINE-TOOL INDUSTRY—QUALITY CONTROL see subdivision under Moscow

MACHINE TOOLS

Determining the structure of metalworking equipment. D. Litov, A. Ivanov. *Plan. khoz.* 43 no. 4:31-38 Ap '66. New machine tools. *Stan, i instr.* 37 no. 2:47 F '66.

New machine tools. *Stan, i instr.* 37 no. 3:41-42 Mr '66

MACHINE TOOLS—DESIGN AND CONSTRUCTION

Development of multiple-purpose machine tools based on standard specific units. A. S. Litovikov. *Standartizatsiya* 29 no. 12:31-33 D '65.

MACHINE TOOLS—ELECTRIC DRIVING

Basic recommendations of the International Electrotechnical Committee on the electric equipment of machine tools. E. I. Minsker, V. A. Naidis. *Stan, i instr.* 37 no. 2:45-46 F '66

MACHINE TOOLS—HYDRAULIC DRIVE

Dynamic characteristics of a throttle with regulator. B. L. Korobochkin. *Stan, i instr.* 37 no. 2:10-20 F '66.

MACHINE TOOLS—NUMERICAL CONTROL

Dobrodubov, A. I. [Hydraulic and electrical circuits of automatically controlled machine tools; methods of analysis, study and detection of defects] *Gidravlicheskoe i elektricheskoe skhemy avtomatizirovannykh stankov; metody analiza, izucheniia i nakhozhdeniia nepravilnostei.* Minsk, Nauka i tekhnika, 1965. 210 p.

Capless reducing gears of machine tools with numerical program control. V. S. Sierodubov. *Vest. mashinost.* 46 no. 3:15-22 Mr '66.

MACHINE TOOLS—PARTS

Technology of the manufacture of plastic bodies for the mechanisms of machine tools. V. N. Lyuzin. *Shor. trud. MVTV* no. 2:44-54 '62.

MACHINE TOOLS—SAFETY MEASURES

Bornshlein, M. L. [Safety measures in operating machine tools] *Tekhnika bezopasnosti pri rabote na metalloobrabatnykh stankakh.* Dushanbe, Irton, 1964. 59 p.

[MICROFILM]

MACHINE TOOLS—STANDARDS

Inspection of machine tools. E. B. Shnapir. *Standartizatsiya* 29 no. 12:20-30 D '65.

MACHINE TOOLS—VIBRATION

Evaluating the vibrations of machine tools under operating conditions. M. A. Esalim, M. G. Khachian. *Stan i instr.* 37 no. 2:5-6 F '66.

Method and equipment for noncontact measurement of machine tool vibrations. V. V. Kluuev. *Izv. vys. ucheb. zav., mashinost.* no. 12:83-87 '65.

MACHINE TRANSLATING

Akademiya nauk Gruzinskoi SSR, Tiflis, Institut elektromekhaniki i telemekhaniki. [Machine translating] *Mashinnyi perevod.* Tbilisi, Metsnberba, 1965. 61 p. [in Georgian and Russian]

MACHINERY

Concerning the All-Union Conference on "Rubber as structural material in the modern machinery manufacture." M. M. Reznikovskii. *Kauch. i rez.* 25 no. 3:54-55 '66.

MACHINERY—ABSTRACTS

[Materials for machinery manufacture and the design of machine parts Hydraulic drive] *Ref. zhur. : Mashinostroi. mat., konstr. i rasch. det. mash. Gidr.* no. 2 F '66.

[Technology of machinery manufacture] *Ref. zhur. : Tekhn. mashinost.* nos. 2-3 F-Mr '66, *Aviatskii ukazatel'* za 1965 g.

MACHINERY—DESIGN AND CONSTRUCTION

Using graphic methods in calculating the coordination of the motion of two slide bars. M. S. Tolchinskii. *Vest. mashinost.* 46 no. 2:70-71 F '66.

MACHINERY—DYNAMICS

Calculating gyrating masses of working machines by the allowed angular acceleration. B. I. Turbin. *Dokl. MIISF* 1 no. 5:5-10 '64

MACHINERY—RELIABILITY

Increasing the reliability of instruments and machines. G. E. Pilepin. *Standartizatsiya* 29 no. 12:33-34 D '65.

Reliability of machinery. V. A. Abgarov. *Standartizatsiya* 29 no. 12:20-22 D '65.

MACHINERY—TECHNOLOGICAL INNOVATIONS

Soviet inventions in mechanical engineering. *Vest. mashinost.* 46 no. 2:87-89 F '66.

MACHINERY—TESTING

Logical devices for technical diagnosis and principles of their plotting. A. I. Gilbert. *Nauch. trudy SibVIM* no. 2, 135-150 '64.

Some problems of technical diagnosis. B. V. Pavlov. *Nauch. trudy SibVIM* no. 2:3-70 '64.

Use of statistical methods for solving some problems in determining the technical conditions of machinery. I. D. Bikhliakov. *Nauch. trudy SibVIM* no. 2:71-79 '64.

MACHINERY, AUTOMATIC

Economic efficiency of automatic lines. A. A. Kholeev. *Vest. mashinost.* 46 no. 2:77-79 F '66.

MACHINERY, AUTOMATIC—PRODUCTION STANDARDS

Increasing the productivity of automatic lines under operating conditions. V. V. Andreev. *Vest. mashinost.* 46 no. 2:79-81 F '66.

MACHINERY, KINEMATICS OF

Kinematics of a machine for the T-shaped joining of pipe. A. A. Shuragin. *Trudy Ural. elektromekh. inst. inzh. zhel. dor. i transp.* no. 10:120-136 '65.

MACHINERY IN INDUSTRY

Basic ways of mechanization of production processes in the clothing industry aimed at the improvement of the quality of production and increase of labor productivity G. P. Antonova. *Shvein. prom.* no. 1:8-11 Ja-F '66. Methodology of determining the level of labor mechanization in the clothing industry. S. I. Kovalev. *Izv. vys. ucheb. zav., tekhn. log. prom.* no. 1:8-16 '66.

Overall mechanization and automation of loading-and-unloading and lift/warehouse operations as factor of the improvement of work conditions. N. F. Simonov. *Trudy MIT* no. 220:74-81 '66.

MACHINERY INDUSTRY

(see also subdivision under Belokholunitskiy, Kirov Province; White Russia)

High efficiency with an improvement in working conditions A. Chigorovskii. *Na stroit. Ros.* 7 no. 1:8-9 Ja '66.

Machinery and equipment. *BIKI [Pi. lozh.]* no. 2:216-262 Ap '66.

The merging of industrial enterprises and the role of the ministry. G. Kulagin. *Kommunist* 42 no. 3:82-91 F '66

Nelldov, I. E. [Economics of the power machinery industry] *Ekonomika energomashinostroyeniia.* Moskva, Vysshaya shkola, 1966. 334 p.

Using mathematical statistics in the manufacture of machinery. Brief review of reports presented at the Second International Conference on the Use of Mathematical Statistics in the Manufacture of Machinery in Prague, June 1-5, 1965. V. P. Kogayev, N. B. Raibman, V. I. Sergeev. *Mashinovedenie* no. 2:54-62 '66.

MACHINERY INDUSTRY—EXHIBITIONS

New ways of developing reliable machinery and equipment. E. Bloshlein. *Inform. biul. VDNKH* no. 1:9-11 Ja '66.

MACHINERY INDUSTRY—HYGIENIC ASPECTS

"Worker," an exalted title. K. G. Vorushin. *Okhr. truda i soiz. srabkhi.* no. 3:6-7 Mr '66.

MACHINERY INDUSTRY—MANAGEMENT

(see also subdivision under Alma-Ata; Kazakhstan; Moldavia; Siberia; Ural Mountain region; Voronezh)

Improvement of the organization and conditions of work eliminates the turnover of specialists. L. P. Smirnova. *Mashinostroi. mat.* no. 3:10-12 Mr '66.

Save materials. *Mashinostroi. mat.* no. 3:1 Mr '66.

MACHINERY INDUSTRY—MECHANIZATION

(see also subdivision under Voronezh Province) Technological equipment and means of mechanization for manufacturing large parts (conclusion). G. M. Kharakei. *Mashinostroi. mat.* no. 3:15-17 Mr '66

MACHINERY INDUSTRY—PRODUCTION METHODS see subdivision under Germany, East

MACHINERY INDUSTRY—PRODUCTION STANDARDS see subdivision under Odessa

MACHINERY INDUSTRY—TAXATION see subdivision under Mari A S S R

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS (see also subdivision under Moscow)

All-Union survey of mechanics-innovators in the machinery and instrument industries. M. A. Shvarts. *Vest. mashinost.* 46 no. 3:84-85 Mr '66.

Development of the machinery industry and technological innovations. O. V. Pavlov, R. V. Pavlova. *Vest. mashinost.* 46 no. 3:79-80 Mr '66.

Potentialities of mechanical engineers. NTO 8 no. 2:42-43 F '66.

Soviet inventions in mechanical engineering. *Vest. mashinost.* 46 no. 3:87 Mr '66.

MACHINERY INDUSTRY WORKERS see subdivision under Ilanai

MACHINERY INDUSTRY WORKERS—EDUCATION AND TRAINING see subdivision under Gorkiy

MACHINISTS' TOOLS

New tools and equipment used in the installation of turbines. D. A. Tykin. *Energ. stroit.* no. 4:17-20 '61

MACROLIDES

Effect of antibiotics of the macrolide group on gram-negative bacillus as related to different reactions of the medium. A. B. Chernomordik. *Antibiotiki* 11 no. 3:260-265 M1 '66.

MACROMOLECULAR COMPOUNDS

Effect of kinetic rigidity of macromolecules on the extinction angle and magnitude of flow birefringence. Chain dumbbell model. I. U. Ia, Gotlib, I. U. Ia, Svetlov. *Vysokom. soed.* 8 no. 2:317-321 F '66.

International Symposium on the Chemistry of Macromolecular Compounds. M. M. Koton, S. I. Frenkel', B. L. Dvornitskii. *Vest. AN SSSR* 36 no. 1:95-98 Ja '66

MACROMOLECULAR COMPOUNDS—CONGRESSES

International symposium on macromolecular chemistry. A. S. Kuz'minskii, L. V. Ginzburg. *Kauch. i rez.* 25 no. 3:56-61 '66.

MADDER

Natural quinones. Report No. 1: New anthraquinone from Rubia Iberica (Fisch. ex D. C.) C. Koch. V. A. Shikhin, A. I. Ban'kovskii, M. E. Perel'son. *Khim. prirod. soed.* 2 no. 1:12-15 '66.

MAGADAN PROVINCE—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Upper Devonian sediments in the northeastern part of the Omolon Massif. K. V. Simakov. *Uch. zap. NIIGA, Ser. "Paleont. i biostr."* no. 8:4-13 '65.

MAGNESITE

Causticization of alkaline siliceous solutions by calcined magnesite. G. G. Martirosian, G. O. Gligorian, M. G. Manvelian. *Zhur. prikl. khim.* 39 no. 2:266-270 F '66.

MAGNESIUM

Photoprotons from magnesium. B. S. Ishkhanov and others. *Izv. AN SSSR, Ser. fiz.* 30 no. 2:378-382 F '66.

Thermodynamics and mechanism of high-temperature processes of the recovery of magnesium bases. A. D. Volkov. *Trudy LTTSTBP* no. 17:80-95 '65.

MAGNESIUM—ELASTIC PROPERTIES

Calculating the bonding energy and the elastic modulus of Mg. E. A. Bogomolova, V. F. Konusov. *Izv. vys. ucheb. zav., fiz.* 9 no. 1:6-11 '65.

MAGNESIUM ALLOYS—ANALYSIS

Budanova, L. M., R. S. Volodarskaya, and N. A. Kannev. [Analysis of aluminum and magnesium alloys] *Analiz aluminievyykh i magnievyykh spлавov.* [Moskva] Metalurgiya, 1966. 359 p.

MAGNESIUM ALLOYS—METALLOGRAPHY

Constitutional diagram of the system Mg - Nd - Ni in the magnesium-rich field. M. E. Drits, M. E. Padezhnova, N. R. Bocharov. *Izv. AN SSSR, Met.* no. 1:149-162 Ja-F '66.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

- MAGNESIUM CHLORIDE**
Magnesium chloride for preventing glazed frost on concrete pavements. A. N. Zaslavskiy, N. N. Linykh, Avi dor. 29 no. 3 19-20 Mr '65
- MAGNESIUM-LEAD-SILICON ALLOYS**
Mg-Si—Mg-Pb system. E. S. Makarov, A. P. Smirnov, E. B. Sokolov, Zhur. neorg. khim. 10 no. 10 2300-2303 O '65
- MAGNESIUM NITRATE**
Roasting of magnesium nitrate in a fluidized bed. V. V. Pechkovskii, S. A. Amurova, N. N. Tikhomirova, Shoi, nauch. trud Perm. politekh. inst. no. 10 91-95 '61
- MAGNESIUM ORGANIC COMPOUNDS** see Organomagnesium compounds
- MAGNESIUM OXIDE**
Application of the non-destructive method in the analysis of basic open-hearth furnace slags. Determination of CaO and MgO. N. P. Ovchinnikova, L. I. Ganaga. Izv. vys. ucheb. zav., khim. i khim. tekhn. 8 no. 6-893-901 '65
Some regularities in the sorption of borates from solutions by magnesium oxide. Report No. 2. B. A. Sholkhet and others. Ukr. khim. zhur. 32 no. 1-101-104 '60
- MAGNESIUM SALTS**
Coprecipitation of nickel traces with magnesium hydroxide (basic salts) from magnesium sulfate solution. V. T. Chudko, V. I. Doroshkov, Zhur. neorg. khim. 11 no. 3: 555-559 Mr '66
- MAGNESIUM SILICATES**
Reaction of silica gel and aluminosilic acid with ammonia solution of magnesium salt. M. F. Smirnov, A. P. Dushina, V. B. Alekseyevskii, Izv. AN SSSR, Neorg. mel. 2 no. 2 284-290 F '66
- MAGNESIUM SULFATE**
Use of nonaqueous solvents for isolating radioactive ^{22}Na from irradiated magnesium. N. P. Rudenko, A. S. Zhukovskaya. Radiokhimiya 8 no. 1, 63-66 '66
- MAGNETIC AMPLIFIERS**
Analysis of the operation of single-phase magnetic amplifiers with RL rectified loads. A. G. Zhdov, A. A. Salut-ing. Elektricheskoye no. 3 45-51 Mr '66
- MAGNETIC ANOMALIES**
(see also subdivision under Ukraine)
Interpretation of Ag anomalies in underground mine workings. A. A. Run'kov, Razved. geofiz. no. 7:29-32 '65
- MAGNETIC CIRCUITS**
Calculation of electric networks with branching magnetic circuits operating under conditions of saturation. A. S. Filaretova, Trudy VZEI no. 29, 69-74 '65
Determination of the air gap factor in the presence of a magnetic wedge. L. F. Kolomoisev, R. V. Rotych, D. I. Sekretev, Izv. vys. ucheb. zav., elektromekh. 9 no. 2: 144-148 '65
Effect of mechanical treatment on the magnetic properties of magnetic circuits from electrical steel. G. A. Brashevan, B. V. Molotilov, Elektricheskoye no. 4, 84-88 Ap '66
Study of a magnetic circuit with a multilayer coil around the air gap. O. B. Bul', Elektricheskoye no. 4:32-38 Ap '66
- MAGNETIC FIELDS**
Current of a self-contained discharge in a high vacuum in crossed electric and magnetic fields. E. M. Reikhrudel', E. P. Sheretov, Radiotekh. i elektron. 11 no. 3:532-535 Mr '66
Diffusion and life of free electrons and ions in low-temperature plasma in a homogeneous magnetic field. V. L. Granovskii, Radiotekh. i elektron. 11 no. 3:371-408 Mr '66
Dynamic stabilization of a direct discharge in a magnetic field. A. B. Andresen and others. Zhur. lekh. fiz. 36 no. 2:294-298 F '66
Effect of a longitudinal magnetic field on the performance of a helium-neon laser at a radiation wavelength of $\lambda = 0.6328 \mu\text{m}$. D. K. Tereshkin, S. A. Fridel'khov, Zhur. lekh. fiz. 36 no. 2:394-397 F '66
Electric discharge in a magnetic field between electrode, one of which is moving. L. I. Ivanovskii, Mag. gidr. no. 4:130-136 '65
Electromagnetic wave propagation in a plasma situated in a linear d.c. magnetic field. I. U. I. Ashin, Zhur. lekh. fiz. 36 no. 1:13-24 Ja '65
Induction pumps with a traveling magnetic field. N. M. Chkremenko, Mag. gidr. no. 4:3-23 '65
An inhomogeneous sphere situated in a homogeneous variable magnetic field. M. N. Bobrova, Izv. vys. ucheb. zav., fiz. 9 no. 1:101-106 '66
Investigating the effect of a magnetic field on the flotation process of certain nonsulfide minerals. G. A. Khan and others. TSvet. met. 39 no. 1:23-25 Ja '66
Longitudinal magnetic fields in a c.c. drives with traveling fields. M. M. Lobkov, Izv. vys. ucheb. zav., elektromekh. 9 no. 2:127-134 '66
- Magnetic spectrometer with field variation. N. I. Tarant-tin, Zhur. lekh. fiz. 36 no. 1:139-148 Ja '66
Magnetoresistors from InSb. N. A. Osachkin, Elektro-tekhnika 37 no. 2 43-45 I '65
Method for generating a helical magnetic field. S. N. Popov, A. P. Popriadukhin, Zhur. lekh. fiz. 36 no. 2 390-392 I '66
Method of images in magnetostatics at a spherical superconducting boundary. V. N. Belosheev, M. L. Levin, Zhur. lekh. fiz. 36 no. 1:3-8 Ja '66
Motion of charged particles in rotating and constant magnetic fields. T. R. Soldatenkov, Zhur. lekh. fiz. 36 no. 2 246-249 F '66
Observations of a magnetic field in the 100-1000 cps. frequency range. L. V. Aitamonov, Izv. AN SSSR, Fiz. zem. no. 2:66-73 '66
Oscillations of a plasma in external constant electric and magnetic fields. S. P. Balanov, A. A. Rubadze, Zhur. lekh. fiz. 36 no. 1:7-12 Ja '66
Plasma research using the "Tuman" unit. V. E. Golani, M. G. Kaganaskii, V. A. Ovsianikov, Zhur. lekh. fiz. 36 no. 1:67-79 Ja '66
Some interference effects caused by the mixing of quantum levels by external fields. V. L. Lihoshits, V. A. Onishchuk, M. I. Podgoretskii, Izv. fiz. 3 no. 3:582-589 Mr '66
Stabilization of drift instability in traps with magnetic fields growing toward the boundary. A. A. Ivanov, Dokl. AN SSSR 166 no. 5 1084-1087 F '66
- MAGNETIC FIELDS—PHYSIOLOGICAL EFFECT**
Kholodov, I. U. A. [Effect of electromagnetic and magnetic fields on the central nervous system] Vliyanie elektromagnitnykh i magnitnykh polov na tsentral'nuyu nervnuyu sistemu. Moskva, Nauka, 1960, 282 p.
- MAGNETIC FIELDS (COSMIC PHYSICS)**
Cosmic-ray variation and some characteristics of interplanetary space. G. F. Krymekii, A. I. Kuz'min, G. V. Skripin, Kosm. luch. no. 7:16-26 '65
- MAGNETIC INSTRUMENTS**
Monolithic magnetic tape for magnetographic control. A. S. Pal'kevich, F. L. Sitakala, Stroil. truboprov. 10 no. 5:35 My '65
- MAGNETIC MATERIALS**
Hyperfine structure of a Rayleigh light scattering line in a paramagnetic substance. B. I. Kochelaev, Dokl. AN SSSR 166 no. 4:833-835 F '66
Law of approximation to saturation of magnetization in cobalt type ferromagnets. I. U. B. Kostantianyn, Trudy VZEI no. 17 67-70 '61
Laws governing compensation and decompensation in certain ferromagnets. R. G. Annaev, Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk, no. 6:42-51 '65
Linear and volume magnetization in ferromagnets of hexagonal structure. I. U. B. Kostantianyn, Trudy VZEI no. 17:61-66 '61
Magnetoresistors from InSb. N. A. Osachkin, Elektro-tekhnika 37 no. 2:43-45 F '66
- MAGNETIC MEASUREMENTS**
Digital device for dividing losses in magnetic materials. D. I. Zorin, N. V. Malygina, G. N. Novopashennyi, Trudy LPI no. 258:47-48 '65
- MAGNETIC MEMORY (COMPUTERS)**
Apparatus for studying the magnetic film elements of a memory matrix. G. M. Nurmukhametov, Izv. AN Uz. SSR, Ser. lekh. nauk 10 no. 1 71-72 '66
Bardizh, V. V., and V. V. Kobleev. [Calculation of the remagnetization curves of ferrite cores] Raschet krivykh peremagnichivaniya ferritovykh serdetsnikov. Moskva, Akad. nauk SSSR, Institut tekhnoi mekhaniki i vychislitel'noi tekhniki, 1959, 26 p. illus. (Elektronnye vychislitel'nye mashiny) (NYh)
- MAGNETIC MOMENTS**
Dispersion theory of magnetic dipole photodisintegration of the deuteron. N. M. Petrov, Izv. AN SSSR, Ser. fiz. 30 no. 2:301-305 F '66
An inhomogeneous sphere situated in a homogeneous variable magnetic field. M. N. Bobrova, Izv. vys. ucheb. zav., fiz. 9 no. 1:101-106 '66
- MAGNETIC PROSPECTING**
Graphic method for determining the elements of a layer of great thickness from the third derivatives of the magnetic potential. A. D. Surkov, Razved. geofiz. no. 7: 48-50 '65
Solution of the inverse problem of magnetic prospecting using the method of approximation. A. I. Loshchakov, Razved. i okh. nedr. 31 no. 12:31-38 D '66
- MAGNETIC RECORDERS AND RECORDING**
Determination of physical and mechanical characteristics of magnetic wire. M. S. Kalantarova, Trudy VNIIRT no. 2:60-71 '64
Four-track magnetic recording of sound. V. Mavrodadi, Radii no. 2:32-34 F '66
- Methods for laboratory measurements of the operating characteristics of magnetic tapes. I. A. A. Mazo, Trudy VNIIRT no. 2:60-61 '61
Methods for laboratory testing of magnetic tape recorders. D. P. Vasilovskii, Trudy VNIIRT no. 2:31-10 '64
Testing of magnetic recording heads at decreased and increased temperatures. R. R. Arnold, Trudy VNIIRT no. 2:62-65 '64
- MAGNETIC RECORDERS AND RECORDING—TERMINOLOGY**
Problems of terminology. V. G. Kozlov, Trudy VNIIRT no. 2:4-0 '64
Terminology in the field of information recording and reproduction, particularly in magnetic recording. Trudy VNIIRT no. 2:7-30 '64
- MAGNETIC SEPARATION OF ORES**
Chemical processing of tails of Svarantskii iron-olivine ores obtained by concentration by means of magnetic separation. Part I: Solubility of tails in hydrochloric acid. A. A. Alekshin and others, Izv. AN Arm. SSR, Khim. nauki 17 no. 5-577-588 '61
- MAGNETIC STORMS**
Analysis of some effects of cosmic-ray variation during magnetic storms at maximum solar activity. M. V. Alanina and others. Kosm. luch. no. 7:80-88 '65
Anomalies in cosmic-ray intensity during magnetic storms. L. I. Dorman, E. V. Kolomoisev, V. T. Pivnaya, Kosm. luch. no. 7:100-106 '65
Cosmic-ray variation and fluctuations in the magnetosphere. N. P. Chirkov and others, Kosm. luch. no. 7: 135-139 '65
Possible use of geomagnetic storms in studying the electrical characteristics of the earth. M. B. Gokhberg, Dokl. AN SSSR 166 no. 4:651-653 I '66
Some effects of cosmic-ray variation during the magnetic storms in August 1958 (by data of the worldwide network of IGY stations). M. V. Alanina and others. Kosm. luch. no. 7:104-99 '65
- MAGNETISM, TERRESTRIAL**
(see also subdivision under Novolazarevskaya Station region, Antarctica)
Comparison of cosmic-ray intensity variations and the H-component of the geomagnetic field. L. I. Dorman, A. M. Chkhelidze, Kosm. luch. no. 7:87-93 '65
Determination of the horizontal thickness and magnetization intensity of rocks based on the anomalies H_{22} of vertically magnetized vertical layers. V. P. Stepanov, R. E. Bratukhin, Neftgaz. geol. i geofiz. no. 2:35-38 '66
Disturbance of the magnetic field in the region of the drift of the "Severnyi polus-1" station. N. A. Milinev, Probl. Arkt. i Antarkt. no. 2:172-80 '65
Diurnal and semidiurnal variations in magnetic activity and the hard component of cosmic rays. M. V. Alanina and others, Kosm. luch. no. 7:140-160 '65
Experience in using magnetotelluric methods to study the geological structure of precipitation basins. A. N. Tikhonov, M. N. Berdichevskii, Izv. AN SSSR, Fiz. i mat. no. 3:34-41 '66
Manifestation of the effect of enclosure of the magnetosphere by cosmic rays. L. I. Dorman, A. M. Chkhelidze, Kosm. luch. no. 7:140-144 '65
Methods for determining the coefficients of the linear conformity of magnetotelluric fields. G. G. Puchkov, Geol. i geofiz. no. 9:110-126 '65
Relation of the effect of minor cosmic-ray bursts to the Ap characteristic of geomagnetic activity, and the character of the propagation of the high-energy portion of solar cosmic rays in interplanetary space. L. I. Dorman, A. V. Sergeev, Kosm. luch. no. 7:170-173 '65
- MAGNETISM, TERRESTRIAL—OBSERVATIONS** see subdivision under Molodezhnaya Station, Antarctica
- MAGNETISM, TERRESTRIAL—SECULAR VARIATION**
Study of the secular movement of the earth's pole from 1800 to 1950. V. P. Karklin, E. I. Sarikhanian, Dokl. AN SSSR 166 no. 4:921-923 F '66
- MAGNETITE**
Habit of hexoctahedron of magnetite. Ch. D. Dzhalalov, I. I. Shafranovskii, Zap. Vses. min. ob-va 65 no. 1:60-62 '60
- MAGNETOHYDRODYNAMIC GENERATORS**
Liquid-metal magnetohydrodynamic generators in the case of high Reynolds numbers. I. U. M. Mikhailov, Mag. gidr. no. 4:113-119 '69
- MAGNETOHYDRODYNAMICS**
Allowing for magnetohydrodynamic effects in laminar flow of a liquid metal droplet in a dielectric medium. A. P. Zamban, Mag. gidr. no. 4:87-90 '65
Design and application of inductors on permanent magnets. S. A. Golubeva, E. G. Zvenigorodskii, B. I. Nikitin, Mag. gidr. no. 4:141-147 '65
Determination of magnetic Reynolds numbers. E. J. Ivanovskii, Mag. gidr. no. 4:163-164 '65

MAGNETOHYDRODYNAMICS (Continued)

- Effect of a high-frequency field on transverse waves in a magnetoactive plasma. A. G. Litvak. *Mag. gl'dr.* no. 4 31-34 '65.
- Electrolyte flow in a circular tube in a magnetic field. B. V. Parfenov, S. A. Regter. *Mag. gl'dr.* no. 4 50-52 '65.
- Experimental study of electromagnetic ejection of a sphere and assemblies of bodies from a conducting liquid under constraint. A. V. Andreev, U. T. S. Andres, S. A. Lit'kova. *Mag. gl'dr.* no. 1 140-152 '65.
- Flow of a conducting fluid in a constant magnetic field with a velocity distribution across the gap obeying an exponential law. I. M. Tolmich. *Mag. gl'dr.* no. 1 75-79 '65.
- Flow of a conductive liquid in a channel with a rotating magnetic field. E. I. Iankovskii. *Izv. AN SSSR, Energ. i transp.* no. 1:151-155 Ja-F '66.
- Lagrange's problem in magnetohydrodynamics. P. M. Kolesnikov. *Samoletost, i tekhn. vozd. flota* no. 2:22-27 '65.
- Magnetohydrodynamic coupling using a liquid metal flywheel. L. K. Martinson. *Mag. gl'dr.* no. 4 85-90 '65.
- One-dimensional laminar flow of a non-Newtonian fluid in a transverse magnetic field. L. K. Martinson, K. B. Pavlov. *Mag. gl'dr.* no. 4:61-68 '65.
- Proper magnetic field in one-dimensional flow of a conducting fluid. *Mag. gl'dr.* no. 4:53-58 '65.
- Simulation of the motion of liquid metal in an induction melting furnace. L. L. Tit. *Mag. gl'dr.* no. 4:125-129 '65.
- Turbulent flow of liquid metal in circular magnetohydrodynamic channels. A. I. Khochalov. *Zhur. tekhn. fiz.* 38 no. 1:147-150 Ja '66.
- Unsteady-state one-dimensional problem of magnetohydrodynamics. Riemann waves. N. V. Saltanov, V. S. Tkachik. *Mag. gl'dr.* no. 4:35-48 '65.
- Variational principles in magnetohydrodynamics and magnetorodynamics. V. E. Kozynenko. *Mag. gl'dr.* no. 4:41-44 '65.

MAGNETOSTRICTION

- Law of approximation to saturation of magnetostriction in cobalt type ferromagnets. I. U. B. Kostantitsyn. *Trudy VZEL* no. 17:87-70 '61.
- Linear and volume magnetostriction in ferromagnets of hexagonal structure. I. U. B. Kostantitsyn. *Trudy VZEL* no. 17:61-68 '61.

MAGNETRONS

- Samsonov, D. E. [Principles of the design and construction of multicavity magnetrons; resonator systems] *Osnovy rascheta i konstruirovaniia mnogorezonatornykh magnetronov, rezonatornye sistemy*. Pod red. S. E. Temkina. Moskva, Sovetskoe radio, 1966. 223 p.

MAGNETS

- Design and application of inductors on permanent magnets. S. A. Gol'isova, E. G. Zvonigorodskii, B. I. Nikitin. *Mag. gl'dr.* no. 4:141-147 '65.

MAGNETS—MEASUREMENT

- Compensating device with frequency output for measuring the magnetic induction of permanent magnets. V. I. Zaitsev, S. A. Spektor. *Trudy LPI* no. 256:56-57 '65.
- Measurement of nonhomogeneous magnetic fields of permanent magnets in a wide range of temperatures using a nuclear magnetic resonance technique. V. I. Zaitsev, S. A. Spektor. *Trudy LPI* no. 256:58-61 '65.

- Malakovskii, Vladimir Vladimirovich, 1893-1930. A. V. Lunacharskii on the poetry of Vladimir Malakovskii. V. V. Elimov. *Zbir. nauk. prats' asp. z filol. Kyiv. un.* no. 18:20-28 '63.

- "The bedbug," a satirical comedy by V. V. Malakovskii. V. A. Lavrov. *Vost. LGU* 21 no. 2:83-94 '60.

MAKOP—ELECTRIC INDUSTRY WORKERS—EDUCATION AND TRAINING

- A good instructor, the plant... A. Chosebiev, A. Vozhzhskii. *Sov. profsoyuz* 22 no. 3:24-26 F '66.

MAIZE see Corn (Maize)

MAKARENKO, ANTON SEMENOVICH, 1868-1939

- From the talks with Makarenko... V. Gmurman. *Nar. obr.* no. 3:89-91 Mr '66.
- [To raise a man; A. S. Makarenko's pedagogical system (for Pioneer leaders)] *Chitoye roa chitoyek, pedagogicheskaya sistema A. S. Makarenko — vozhatomu.* [Moskva] Molodaya gvardiya, 1966. 287 p. (Dlia tekhn. kto rabotaet s pionerami)

MAKARY, ARSENI MARTYNOVICH

- Fiftieth birthday of A. M. Makary. *Avion. svar.* 10 no. 2:81 F '66.

MAKEBA, MIRIAM

- Miriam Makeba. S. Volk. *Az. i Afr. seg.* 8 no. 3:41 Mr '65.

MAKIMOVICH, GENNADI KONSTANTINOVICH, 1904-1965

- Gennadi Konstantinovich Makimovich obituary. *Geol. neftegaz* 10 no. 2:84 F '66.

MALACCA, STRAIT OF—OCEAN BOTTOM

- Submarine "dunes" in the Strait of Malacca. N. F. Bulanov. *Zap. Prikl. i. Geog. ob-vn SSSR* no. 1 136-119 '65.

MALARIA see subdivision under Baku; Shaartuz District

MALEIC ANHYDRIDE

- Configuration and thermal isomerization of the adducts of substituted cyclopentadienes with maleic anhydride. V. A. Mironov and others. *Izv. AN SSSR Ser. khim.* no. 2 329-331 '68.

MALINGERING

- Simulation in schizophrenia. I. U. N. Batlumin. *Prak. sudeb.-mopsikh. ekspert.* no. 10:25-31 '65.

MALLOW

- Course of the night flight of the mallow moth. Kh. M. Autumhan. *Sbor. nauch. i stud. Nauch. issl. inst. zem.* no. 2:180-198 '61.

MALMYZH DISTRICT—MITES

- Ornithonyssus pavlovskii Lange, 1959, a new species of gamasid mites in the U. S. S. R. and the diagnosis of mites of the subfamily Ornithonyssinae. A. A. Zemskaya. *Zool. zhur.* 45 no. 1:50-60 '66.

MALEIC ACID

- Interaction of α -bromo oxides with metallic derivatives of compounds having a labile hydrogen atom. Part 8: Reaction of dimethyl ester of potassium methylmalonic acid with epibromohydrin and its homologs. T. I. Temnikova, S. N. Semenova. *Zhur. org. khim.* 2 no. 3: 365-367 Mr '66.
- Periodic process of the oxidation of maleic acid in a solution; studies on the kinetics of Belousov's reaction. A. M. Zhabotinskii. *Biofizika* 9 no. 3:308-311 '64.

MALT

- Malting of malt prior to grinding. S. D. Rabinovich. *Kher. prom.* no. 1:19-21 Ja-F '66.
- Utilization of malt shoots. V. E. Silver. *Khleb. i kond. prom.* 10 no. 3:40-41 Mr '66.

MAMAKAN HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS

- Compilation of heat necessary for placing of concrete in winter weather. N. A. Tsetulin. *Energ. stroit.* no. 5:50-60 '65.

MAMEDALIEV, IUSIF GEIDAROVICH, 1905-1961

- Platonov, B. A. [Mamedaliev; pages from his life] Mamedaliev; stranitsy zhizni. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 221 p.

MAMEDOV, ZUL'FUGAR MEKHTEVICH, 1904-

- Zul'fugar Mekhtevich Mamedov. *Azerb. med. zhur.* 41 no. 12:70-72 D '64.

MAMMALS, FOSSIL see subdivision under Potolia

MAMMARY GLANDS

- Autoradiography of the mammary gland. I. N. Zaitkova. P. V. Mikheev. *Fiziol. zhur.* 52 no. 3:297-301 Mr '66.

MAMMARY GLANDS—INNERVATION

- Role of the cerebral cortex in the stimulation and inhibition of the motor function of the mammary glands. E. P. Kokorina. *Izv. AN SSSR, Ser. biol.* no. 2:244-253 Mr-Apr '66.

MAN—CONSTITUTION

- Certain common problems of biology and sociology. G. I. Hoiak. *Filos. i obshch. nauch. pryrod.* no. 4:67-73 '65.

MAN—INFLUENCE ON NATURE

- Alakademia nauk SSSR. *Sibirskoe otdelenie. Dal'nevostochnyi filial.* [Introduction to geosystems] *Vvedenie v geosistemu.* Moskva, Nauka, 1966. 322 p.

MAN—ORIGIN

- Is a revolution in primatology possible at this time? B. F. Porshnev. *Vop. filos.* 20 no. 3:106-110 '66.

- MAN, PREHISTORIC see subdivision under Black Sea region; Caucasus, Northern; Danube Valley; Dniester Valley; Khakas-Minusinsk Basin; Khiva Oasis; Moldavia; Ob' Valley; Orenburg Province; Siberia; Turkmenistan; Volga Valley

MANGANESE

- (see also subdivision under Ural Mountain region)
- Developing and studying the chemical process of manganese recovery from slime. N. M. Gadai. *Met. i koksokhim.* no. 3:83-90 '65.
- Electrochemical study of manganese amalgam. A. A. Lange, S. P. Bukhman. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 3:27-32 Ji-S '64.

MANGANESE—ANALYSIS

- Qualitative and semiquantitative determination of manganese in the presence of chlorides. G. N. Babkin, V. I. Silchenko. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 8 no. 6:1028 '65.

- MANGANESE—EFFECT ON PLANTS see Plants, Effect of manganese on

MANGANESE—ELECTROMETALLURGY

- Obtaining metallic manganese with a low content of magnesium and calcium. V. E. Vlasenko and others. *Met. i koksokhim.* no. 3:91-94 '65.

MANGANESE CATALYSTS

- Soluble catalyst regeneration in the production of synthetic fatty acids. I. E. Rustnov, V. I. Babayev, A. F. Prokopenko. *Neftepr. i neftekhim.* no. 1:36-39 '66.

MANGANESE COMPOUNDS

- Cyclopentadienyl isocarbonyl manganese, a new effective stabilizer for silicone lubricating materials. R. I. Kobova and others. *Khim. i tekhn. topl. i mssel* 11 no. 4:47-48 Ap '66.

MANGANESE MINES AND MINING see subdivision under Dniester Valley; Nikopol' region (Ukraine)

MANGANESE ORES

- (see also subdivision under Sultan-Uizdag)

- Metallurgical efficiency in the dressing of manganese ores. V. I. Korobov and others. *Stal'* 26 no. 3:185-187 Mr '66.

MANGANESE OXIDES

- Absorption of cerium (III) on active manganese dioxide. P. A. Belousov, N. P. Kolobov. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 8 no. 6:1026-1027 '65.
- Catalytic activity of manganese dioxide with respect to isotope exchange in molecular oxygen. L. A. Kasatkina, V. G. Amerikov. *Kin. i kat.* 7 no. 1:99-106 Ja-F '66.
- Interaction of manganese oxides with scandium in air. L. N. Komisarova, B. I. Pokrovskii, I. S. Shaplygin. *Izv. AN SSSR, Neorg. mat.* 2 no. 2:278-280 F '66.

MANGANESE-SILICON ALLOYS—ANALYSIS

- Silicon and manganese distribution between metal and slag in the production of manganese alloys. N. V. Tolstoguzov. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 2:58-62 '66.

MANGANESE-SILICON ALLOYS—ELECTRO-METALLURGY

- Current density of charge materials in siliconmanganese furnaces. D. P. Moskovtsev and others. *Met. i koksokhim.* no. 3:142-146 '65.
- Oscillogram of voltages and currents in siliconmanganese furnaces. I. T. Zherdev and others. *Met. i koksokhim.* no. 3:137-141 '65.

MANGANESE-SILICON ALLOYS—METALLURGY

- Smelting of silicon-manganese ball-bearing steel. A. N. Glazov and others. *Metallurg* 11 no. 3:23 Mr '66.

MANGANESE STEEL—TESTING

- Effect of the chemical composition on the properties of silicon-manganese steel in the zone of overheating. S. V. Pokataev and others. *Aviom. svar.* 10 no. 2:34-37 F '65.

MANGANESE STEEL, EFFECT OF TEMPERATURE ON

- Influence of the temperature of heating for rolling on the properties of the low-carbon-alloyed manganese steel. N. I. Sandor, Sh. R. Dobruksina, L. K. Zadorozhniata. *Stal'* 26 no. 3:205-206 Mr '66.

MANGYSHLAK PENINSULA—BUILDING MATERIALS

- Possibilities of using local building materials. N. M. Kartavenko. *Stroitel'no-prov.* no. 12:9-12 D '65.

MANGYSHLAK PENINSULA—GEOLOGY, STRATIGRAPHIC

- New stratigraphic subdivisions of the Upper Miocene sediments of the Mangyshlak Peninsula and their relation to the Upper Miocene sediments in the Ukraine. V. S. Utkin. *Geol. zhur.* 25 no. 1:70-75 '65.

MANGYSHLAK PENINSULA—GEOLOGY, STRUCTURAL

- Modern structural plan of Mesozoic sediments in the eastern part of the Mangyshlak Peninsula in connection with their oil and gas prospects. M. F. Mirehnik and others. *Neftegaz. geol. i geofiz.* no. 2:18-21 '66.

MANGYSHLAK PENINSULA—OIL WELL DRILLING

- The Mangyshlak Peninsula. N. Khlebodarov. *Neftekhim.* 10 no. 12:16-19 D '66.

MANGYSHLAK PENINSULA—PETROLEUM INDUSTRY

- Concerning the development of Mangyshlak. Kh. S. Sulaimenov. *Izv. vys. ucheb. zav. i nef. i gaz* 8 no. 1:113-115 '66.

MANGYSHLAK PENINSULA—WATER, UNDERGROUND

- Hydrogeological characteristics of the Ustyurt and the Mangyshlak Peninsula in connection with their oil and gas potentials. S. B. Yagin, V. P. Gavrilov, V. A. Kurdinov. *Neftegaz. geol. i geofiz.* no. 2:43-47 '66.

MANGYSHLAK PENINSULA—WATER SUPPLY

- System for temporary water supply. G. M. Skoblov. *Stroitel'no-prov.* no. 12:7-9 D '65.

MANIC-DEPRESSIVE PSYCHOSES

Characteristics of affective psychoses at an elderly age and the evaluation of the capacity for work while suffering from them. V. L. Efimenko. Trudy LIETIN no. 18 263-277 '65.

Manic-depressive psychosis as a cause of disability. A. S. Borzunova, S. A. L'v. Trudy LIETIN no. 18 253-262 '65.

MANICHAEN MANUSCRIPTS see Manuscripts, Manichaen

MANIFOLDS (MATHEMATICS)

Generalization of a Jacobian manifold. A. N. Parshin. Izv. AN SSSR, Ser. mat. 30 no. 1175-1182 '68.

Manifolds with a free Abelian fundamental group and their applications. S. P. Novikov. Izv. AN SSSR, Ser. mat. 30 no. 1207-1215 '66.

On n -dimensional compact complex manifolds having n algebraically independent meromorphic functions. Part I. B. G. Moishezon. Izv. AN SSSR, Ser. mat. 30 no. 1133-1174 '66.

MANNED SPACE FLIGHT

Birth of a stellar brotherhood. A. Nikolaev. Av. i kosm. 45 no. 12-7-12 '62.

Man in open space. L. Borisenko. Kiy. roid 17 no. 3: 10-11 Mr '66.

Man steps into outer space. V. Chernigovskiy. Av. i kosm. 44 no. 129-31 '62.

Many-day group flight. P. Popovich. Av. i kosm. 45 no. 1213-18 '62.

What determines the duration of orbital flights? E. Rozhkov. Av. i kosm. 44 no. 5-34-38 '62.

MANNICH BASES

Pyran, its analogs, and related compounds. Part 18. Mannich bases from some dihydroxy compounds. V. A. Zagorevskiy, Z. D. Kirsanova, S. A. Zvykov. Zhur. org. khim. 2 no. 3,528-531 Mr '66.

MANNICH REACTION

Mannich reaction with sulfazone. V. P. Mamayev, V. P. Berovskiy. Izv. SO AN SSSR no. 11 Ser. khim. nauk no. 3: 159-161 '64.

MANNOSE

Simple method of D-mannose isolation from desert candle roots and old tubers. B. N. Stepanenko and others. Prikl. biokhim. i mikrobiol. 2 no. 1 39-44 Ja-F '66.

MANOMETER

Work regime of the differential manometer in the SARZ-4K automatic control system of dredges. V. Khakhanin. Rech. transp. 23 no. 6 36-39 Je '64.

MANOOL

Synthesis of 13-epimanool. P. F. Vlad, A. G. Russo, G. V. Lazur'evskiy. Khim. prirod. soed. 2 no. 1:20-32 '66.

MANUAL TRAINING

Kuznetsov, V. P. [Practical work in the training workshops of normal schools; manual for the students of normal schools for preschool teachers] Prakticheskie raboty v uchebnykh masterskikh pedagogicheskikh uchilishch, rukovodstvo dlia uchashchikhsia dozhkol'nykh pedagogicheskikh uchilishch. Izd. 2., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo, 1962. 231 p. (Mdu)

MANUFACTURES—ABSTRACTS

[Light Industry] Ref. zhur.: Leg. prom. no. 3 Mr '66.

MANUSCRIPTS (BIRCH BARK)

(see also subdivision under Novgorod, Duchy, Smolensk)

Studying the birch bark manuscripts as a source of history. L. V. Cherepnin. Ist. SSSR 10 no. 2:84-105 Mr-Apr '66.

MANUSCRIPTS, ARABIC

Akademija nauk SSSR. Institut narodov Azii. [Catalog of the Arabic manuscripts in the Institute of Asian Peoples of the Academy of Sciences of the U.S.S.R.] Katalog arabskikh rukopisei Instituta narodov Azii Akademii nauk SSSR. Moskva, Nauka.

No. 3. Mikhailova, A. I. [History] Istorija. 1965. 197 p.

MANUSCRIPTS, CHINESE

A fragment of a plen wen from the "Life of Buddha" cycle. I. S. Gurevich. Krat. soob. Inst. nar. Az. no. 69:98-115 '65.

A fragment of an unknown lei shu from Kluchan. L. N. Men'shikov. Krat. soob. Inst. nar. Az. no. 69:77-98 '65.

MANUSCRIPTS, HEBREW

A Hebrew version of Boethius' "De consolations philosophiae." I. I. Ginzburg. Krat. soob. Inst. nar. Az. no. 69:116-122 '65.

MANUSCRIPTS, LATIN see subdivision under Leningrad

MANUSCRIPTS, MANICHAEN

Vocabulary of the Leningrad version of the "Chuangtzu." L. V. Dmitrieva. Krat. soob. Inst. nar. Az. no. 69:46-59 '65.

MANUSCRIPTS, ORIENTAL

Akademija nauk Uzbekskoi SSSR, Tashkent. Institut vostokovedeniia. [Collection of Oriental manuscripts in the Academy of Sciences of the Uzbek S.S.R.] Soobraznye vostochnykh rukopisei Akademii nauk Uzbekskoi SSR. Podred. I. L. M. Epl'anova. Tashkent, Nauka UzSSR. Vol. 7. 1964. 553 p.

MANUSCRIPTS, SEMITIC

A chapter from the second part of "Al-Kafi," an 11th-century grammatical study by Abu-l-Faradzh Kharun al-Faradhi. M. N. Zislin. Krat. soob. Inst. nar. Az. no. 69:123-135 '65.

MANUSCRIPTS, TURKIC

Manuscripts of Turkic diwans in the collection of the Institute of the Peoples of Asia of the Academy of Sciences of the U.S.S.R. L. V. Dmitrieva. Krat. soob. Inst. nar. Az. no. 69:60-76 '65.

MANUSCRIPTS, TURKISH

"Iskandarnamah" by Ahnadi in the collections of manuscripts in Leningrad. A. Kh. Nurlekhmetov. Krat. soob. Inst. nar. Az. no. 69:136-151 '65.

MAPS, MILITARY

Czechoslovak military atlas. R. S. Narskikh, G. A. Pravotova. Geod. i kart. no. 2:63-67 F '60.

MARDAKYAN (AZERBAIJAN)—CLIMATE

Using the conjunction method for the analysis of the local weather regime in Moscow and in the Mardakyan health resort. S. B. Mamedov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3 140-148 '65.

MARDZHANOV, KONSTANTIN ALEKSANDROVICH, 1871-1933

Eleven years with Mardzhanov. Tamara Vakhvakhishvili. Teatr 26 no. 7-93-106 Ji '65.

MARI A S S R —BCG VACCINATION

Mass antitubercular intradermal BCG vaccination in the Mari A.S.S.R. V. M. Kotelnikov. Probl. tub. no. 3 7-9 '65.

MARI A S S R —GEOGRAPHY

Motrov, A. V. [Geography of the Mari A.S.S.R.; a textbook for the 8th grade of eight-year and secondary schools] Geografija Mariiskoi ASSR; uchebnoe posobie dlia 8 klassa vos'miletnei i srednei shkoly. Izd. 2., ispr. Ioshkar'-Ola, Mariiskoe knizhnoe izd-vo, 1965. 41 p. illus., maps. (2 fold. in pocket) (CSI-II)

MARI A S S R.—HISTORY

Yoshkar'-Ola. Mariiskii nauchno-issledovatel'skii institut iazyka, literatury i istorii. [Studies on the history of the Mari A.S.S.R., from the ancient period to the Great October Socialist Revolution] Ocherki istorii Mariiskoi ASSR, s drevnelishkikh vremen do Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. Ioshkar'-Ola, 1965. 362 p. 2 fold. maps (insert)

MARI A S S R.—MACHINERY INDUSTRY—TAXATION

Simplify payments to the budget. S. I. Akimov. Den. i kred. 24 no. 2:64 F '66.

MARIATEGUI, JOSÉ CARLOS, 1895-1930

Akademija nauk SSSR. Institut Latinskoj Ameriki. [José Carlos Mariátegui, an ardent fighter for the triumph of the idea of Marxism-Leninism in Latin America] Khose Karlos Mariategi: plamenniy borets za torzhestvo idei marksizma-leninizma v Latinskoj Amerike. Moskva, Nauka, 1960. 365 p.

MARINSK CANAL SYSTEM see Volga-Baltic Sea Waterway

MARINE DIESEL ENGINES

Automating the control of the main engines of the motor ship "Danilo Nechal." A. Seppen. Mor. flot 26 no. 2 29-30 F '66.

Checking the load of the ship's main diesels. I. Kapitonov, I. Kornilenko. Mor. flot 26 no. 3:30-31 Mr '66.

The guaranteed service length of the engines of the "Kometa-2" has been exceeded. V. Udod, G. Kintseraia. Mor. flot 26 no. 3:28 Mr '66.

Korabel'nikov, A. A. [Diesel engines of hydrofoil boats] Dizel'nye ustanovki sudov na podvodnykh kryl'kakh. Leningrad, Sudostroenie, 1966. 166 p.

Magnetic servo amplifier for a.c. automatic control systems. I. A. G. Neutmin, D. D. Kapalov. Trudy LIVT no. 58:22-28 '64.

Mshaneiskiy, B. A. [Automatic thermoregulation in marine diesels] Avtomaticheskoe termoregulirovanie v sudovykh dizellakh. Moskva, Transport, 1966. 60 p.

Selecting the power of main diesels for motor ships. S. Chepurnov. Rech. transp. 23 no. 8:28-29 Je '64.

Studying the working process of a low-speed diesel operating on high-viscosity fuels. V. Bol'shakov. Mor. flot 26 no. 2:28-29 F '66.

Torsional vibrations of propeller shafts driven by diesel plants with the SKL engines. L. V. Eremov. Sudostroenie 56 no. 2:21-25 F '66.

MARINE DIESEL ENGINES—FUEL CONSUMPTION

For economy and thrust. F. Vitale. Mor. flot 26 no. 2: 35-36 F '66.

MARINE ENGINEERING

Automating equipment for optimizing the operating regime of power plants on transport vessels. P. P. Petrov. Trudy LIVT no. 59:13-21 '64.

Boiko, V. A., G. V. Il'inh, and I. A. Mnokov. [Measurements made in the testing of ship mechanisms] Izmereniia pri ispytaniakh sudovykh mekhanicheskikh ustanovok. Leningrad, Sudostroenie, 1965. 206 p.

Fild, E. G. [Ship construction] Ustroistvo sudna. Leningrad, Sudostroenie, 1960. 223 p.

Increase the operational efficiency of the technical equipment of ships. M. Shifrin. Mor. flot 26 no. 3: 31-32 Mr '66.

A method for constructing automatic control systems of ships. I. S. Eremov. Sudostroenie 56 no. 2:38-40 F '66.

Technical and economic indices of the reliability of marine automation systems. S. A. Popov, I. A. G. Neutmin, I. A. Svetlikov. Trudy LIVT no. 59:3-8 '64.

MARINE ENGINES

Slizykh, V. A. [Principles of industrial automation; abstract of lectures for students of river navigation and technical institutes] Osnovy avtomatizatsii proizvodstva; konspekt lektsii dlia uchashchikhsia reshnykh uchilishch i tekhnikumov. Moskva, M-vo rechnogo flota RSFSR, 1965. 91 p. [MICROFILM]

Some problems of power engineering in transportation. S. S. Ushakov. Vest. AN SSSR 36 no. 1:26-29 Ja '66.

MARINE ENGINES—MAINTENANCE AND REPAIR

Simple devices. A. Shumilin. Mor. flot 26 no. 3:37-39 Mr '66.

MARINE FAUNA see subdivision under Pacific Ocean

MARINE FAUNA—PHYSIOLOGY

Akademija nauk SSSR. Okeanograficheskaya komissiya. [Physiology of marine fauna] Fiziologiya morskikh zhivotnykh. Moskva, Nauka, 1960. 253 p.

MARINE GAS TURBINES

Gas turbines with free-piston gas generators for ships of the river fleet. S. P. Petrov, A. I. Gindov. Sudostroenie 56 no. 1:34-40 Ja '66.

MARINE NUCLEAR REACTOR PLANTS

Kuznetsov, V. A. [Design and calculation of the reactors of marine nuclear plants] Konstruktivnyi raschet reaktorov sudovykh i dnyarnykh ustanovok. Moskva, Transport, 1966. 218 p.

MARINE SEDIMENTS

(see also subdivision under Bering Sea, Okhotsk Sea, Pacific Ocean)

Drift of nearshore deposits into submarine canyons. I. N. Egorov, L. G. Galanov. Okeanologiya 6 no. 1:117-124 '66.

Study of the formation of coastal deposits; season in Tallinn. V. L. Bol'shakov, A. V. Il'in. Vest. AN SSSR 36 no. 1:140-150 Ja '66.

MARINE STEAM TURBINES see Steam turbines, Marine

MARINESCU, TEODOR, 1922-

People and events: Teodor Marinescu. Nov. vsem. 23 no. 14:15 Ap '66.

MARITIME TERRITORY—ACTINIDIA—VARIETIES

The actinidia "Novala." B. G. Gorasovich. Zap. Primor. fil. Geog. ob-va SSSR no. 1:107-160 '65.

MARITIME TERRITORY—ANTIQUITIES

A new find of a kitchen-midden site in the southern part of the Maritime Territory. E. P. Denisov. Zap. Primor. fil. Geog. ob-va SSSR no. 1:114-116 '65.

Splund weights from the sanctuary of the Maritime Territory. G. I. Andreov. Mnt. i issl. po arkheol. SSSR no. 130:160-169 '66.

MARITIME TERRITORY—BITUMEN—GEOLOGY

Petroleum and petroleum bitumens in the Maritime Territory. L. D. Mikhalkov, L. P. Smilga, I. A. Shekhorkin. Gaz, nefi i gaz 10 no. 1:48-49 Ja '66.

MARITIME TERRITORY—BOTANY

Endemic species of flora of the Maritime Territory. N. N. Gurevich. Vest. LGU 21 no. 3:5-14 '66.

MARITIME TERRITORY—CAVES

Caves of the Maritime Territory. S. N. Anishechik. Zap. Primor. fil. Geog. ob-va SSSR no. 1:20-36 '65.

Study of karst caves in the Maritime Territory. Zap. Primor. fil. Geog. ob-va SSSR no. 1:27-28 '65.

MARITIME TERRITORY—CROWS

Large-backed crow (Corvus leuclanthus) as a pest in the deer pastures of the Maritime Territory. A. S. Bogachev. Zap. Primor. fil. Geog. ob-va SSSR no. 1: 163-164 '65.

MARITIME TERRITORY—DEER—DISEASES AND PESTS
Large-beaked crow (*Corvus leucomelas*) as a pest in the deer pastures of the Maritime Territory. A. S. Bogachev, Zap. Primor. fil. Geog. ob-va SSSR no. 103-164 '65.

MARITIME TERRITORY—FLOOD FORECASTING

Calculation of the travel-time velocities on rivers of the Maritime Territory. N. D. Shlefan, Meteor. i gidrol. no. 4 29-32 Ap '66.

MARITIME TERRITORY—FRUIT CULTURE

Trace elements for the fruit and berry crops of the Maritime Territory. V. G. Budoret, Zap. Primor. fil. Geog. ob-va SSSR no. 1165-167 '65.

MARITIME TERRITORY—GEOLOGY

[Study of the geology of the U. S. S. R.] *Geologicheskaya izuchennost' SSSR*. Moskva, Nauka, Vol. 20. [R. S. F. S. R.; Maritime Territory, period 1951-1955] RRSR: Primorskiy kraj; period 1951-1955. No. 1. [Published literature] Opublikovannyye raboty. 1955. 108 p.

MARITIME TERRITORY—GEOLOGY, STRUCTURAL

Association of river valleys with tectonic dislocations. N. A. Gromontskaya, Zap. Primor. fil. Geog. ob-va SSSR no. 1131-136 '65.

MARITIME TERRITORY—GRAPES—DISEASES AND PESTS

The grape weevil *Coenothrips vitis* T.-M. (Coleoptera, Attelabidae) in the Maritime Territory. A. K. Bous, Zap. Primor. fil. Geog. ob-va SSSR no. 1169-171 '65.

MARITIME TERRITORY—LIVERWORTS

Two genera of liverworts (*Marchantiopogon* (Hatt.) Inoue and *Brachiolejeunea* Sp. nov.) from the Soviet Far East new for the flora of the U. S. S. R., D. K. Zorov, Uki. bot. zhur. 22 no. 178-82 '65.

MARITIME TERRITORY—MONGOLS—ANTIQUITIES

Traces of Mongols in the Maritime Territory. E. V. Shvurnov, Zap. Primor. fil. Geog. ob-va SSSR no. 116-118 '65.

MARITIME TERRITORY—MUSCIDAE

Some data on the ecology and behavior of pasture flies (Diptera, Muscidae) in the southern Maritime Territory. B. K. Petrova, Ent. obozr. 45 no. 176-82 '66.

MARITIME TERRITORY—PETROLEUM GEOLOGY

Petroleum and petroleum bitumens in the Maritime Territory. L. D. Miroshnikov, I. P. Smilga, I. A. Shekhorkhin, Geol. nefii i gaza 10 no. 146-49 Ja '66.

MARITIME TERRITORY—PHYTOGEOGRAPHY

Geographical distribution of polytoid plant species; study of the flora of the Maritime Territory. A. P. Sokolovskaya, Vest. LGU 21 no. 3:82-106 '66.

MARITIME TERRITORY—PIGMENTS

Mineralogical and chemical composition of natural pigments in some deposits of the Maritime Territory. A. L. Zaitseva, N. V. Ovstannikov, Zap. Primor. fil. Geog. ob-va SSSR no. 1146-147 '65.

MARITIME TERRITORY—RACCOONS

Acclimatization of the raccoon in the Maritime Territory. V. K. Abramov, Zap. Primor. fil. Geog. ob-va SSSR no. 1154-157 '65.

MARITIME TERRITORY—SOILS

Brown forest and Peat Brown soils in the southern Maritime Territory. L. V. Prekhotil', Vest. LGU 21 no. 3:140-148 '66.

MARITIME TERRITORY—STONE IMPLEMENTS

Mesolithic finds near the village of Razdol'noye in Maritime Territory, 1953-1963. A. P. Okladnikov, Mat. i issl. po arkheol. SSSR no. 130:91-95 '65.

MARITIME TERRITORY—VALLEYS

Association of river valleys with tectonic dislocations. N. A. Gromontskaya, Zap. Primor. fil. Geog. ob-va SSSR no. 1131-136 '65.

MARKETING RESEARCH

Science and trade. N. Fedotenko, Sov. torg. 39 no. 4: 7-6 Ap '66.

Use of mathematical methods for planning the structure of solvent demand. G. Koiyakin, V. Bredov, Sov. potreb. koop. 10 no. 3:34-39 Mr '66.

MARKING DEVICES

Marking press. V. F. Davydov, Mashinostroitel' no. 3: 19 Mr '66.

MARKING OF ANIMALS see Animals, Marking of

MARKOVICH, MARIA OLEKSANDRIVNA (VILINSKAYA), 1934-1967

From the epistolary legacy of Marko Vovchok. D. B. Lobach-Zhuchenko, Rad. lit. 10 no. 2:70-87 F '66.

MARRIAGE

Bol'shakova, S. V., and L. M. Ivanova. [At home, in the family] Doma, v sem'ye. Moskva, Gos. izd-vo polit. lit-ry, 1960. 62 p. (Vremia i ljudi) (NBC)

MARRIAGE CUSTOMS AND RITES see subdivision under Syria, Tanzania

MARROW

Age-related changes in the mitotic activity and the rate of restoration of marrow cell populations in healthy mice and following X-ray irradiation. I. U. S. Bocharov, V. P. Savitskiy, Izv. AN Kazakh. SSR, Ser. biol. nauk 4 no. 1: 82-86 Ja-F '66.

Effect of antibiotics on the synthesis of RNA and proteins in the bone marrow cells in rabbits. B. K. Khukvadze, V. S. Tongul, Vop. med. khim. 12 no. 1 37-41 Ja-F '66.

Origin of fibroblastlike cells in the bone marrow culture. E. A. Lusia, O. V. Chakhava, A. I. Fridenshtein, Tsitologiya 8 no. 1:15-19 Ja-F '66.

State of megakaryocytes of bone marrow in patients with breast cancer and cancer of the lungs following treatment with colloid Au¹⁹⁸. K. A. Agamova, M. L. Bin Med. rad. 11 no. 2 81-81 F '66.

System of neutrophils in bone marrow and blood. N. A. Shmelev, Sov. med. 29 no. 2:3-5 F '66.

MARROW—CANCER

Serum glycoproteins in healthy patients and in multiple myeloma. A. E. Greiser, Sbor. nauch. rab. vrachei Kar. ASSR no. 4:71-78 '62.

Ten cases of multiple myeloma. M. M. Berman, Sbor. nauch. rab. vrachei Kar. ASSR no. 4:163-165 '62.

MARS (PLANET)

Mars nearby. V. A. Bronshten, Zvezdy. 2 no. 1: 22-26 Ja-F '66.

MARX, KARL, 1818-1883

Marx and Engels, founders of scientific communism. P. A. Kovchegov, Mezhyuz. filoz. shor. klash. un. no. 4: 15-23 '64.

MARY, VIRGIN—PRAYER-BOOKS AND DEVOTIONS

Acathistos to the Virgin Bride. A. Dionov, Zhur. Mosk. Patr. no. 3:70-74 '66.

MARY, VIRGIN, IN LITERATURE

Melnik, Andrii. [Mother of God in Ukrainian literature] Maty Bozha v ukrains'kii literaturi, nays. Toronto, Vyd-vo. V. Vasylihan, 1965. 64 p.

MASERS

Calculating the molecule source of a molecular oscillator. A. A. Sokova, Trudy inst. Kom. stand., mer. i izm. prib. no. 77:76-78 '65.

Effect of the external constants of electric and magnetic fields applied to a beam of active molecules out of a resonator on the frequency of oscillations of a maser. G. M. Stukhovskiy, V. M. Tatumenkov, P. S. Shumatskiy, Radiotekh. i elektron. 11 no. 3:519-523 Mr '66.

Effect of the irregularity of the radiation of molecules on the frequency of oscillations of a maser. V. R. Morozov, A. N. Orlovskiy, Radiotekh. i elektron. 11 no. 3:514-518 Mr '66.

Generators and amplifiers of coherent light. F. A. Korotkov, Elektricheskoye no. 4 1-11 Ap '66.

Noise factor of linear receiving systems in the quantum region. I. A. Boloshin, M. E. Gertsenshtein, Radiotekh. i elektron. 11 no. 3:465-470 Mr '66.

Reproduction of the frequency of a molecular oscillator on the line of ammonia transition. G. A. Elkin, G. G. Rakhimov, Trudy inst. Kom. stand., mer. i izm. prib. no. 77:67-71 '65.

MASLOV, NIKOLAI ANTONOVICH, 1899-1965

Nikolai Antonovich Maslov, 1899-1965; obituary, Okenologiya 6 no. 1:108 '66.

MASON-BEES

Some little-known bee species of the genus *Anthophora* S. L. (Hymenoptera, Apoidea) in the U. S. S. R. A. A. Ponomareva, Ent. obozr. 45 no. 1:155-167 '66.

MASS SPECTROMETRY

Diffusion of hydrogen in yttrium. V. V. Voroblov, L. M. Rabinchikov, Ukr. fiz. zhur. 11 no. 2:209-211 F '66.

Guandine hydrochloride method of the transformation of water and orthophosphate oxygen to carbon dioxide for mass spectrum analysis for O¹⁸ content. L. A. Il'in, Vest. LGU 21 no. 3:188-91 '66.

Kinetics of fast high-temperature reactions studied by means of a mass spectrometer. Part I: Thermal decomposition of acetone. M. M. Gumbard, F. B. Molin, V. U. Shvachuk, Kin. i kat. 7 no. 3:157-160 Ja-F '66.

Mass spectrometric study of scandium oxide evaporation. G. A. Semenov, Zhur. neorg. khim. 10 no. 10:2300-2301 O '66.

Possibilities for the use of photo-ionization method in mass-spectrometric study of the primary structure of short peptides. V. M. Orlov, M. E. Akopov, I. A. M. Varshavskiy, Dokl. AN SSSR 166 no. 5:1223-1225 F '66.

Small-size mass spectrometer of high resolving power with an inhomogeneous magnetic field for analyzing light gases. N. E. Alchayevskiy, A. V. Dubrov, G. A. Kozetskii, Dokl. AN SSSR 166 no. 5 1088-1090 F '66.

Studying the performance of a coaxial plasma source under start-up operating conditions. V. P. Goncharenko, N. T. Denepovskiy, I. I. Kononov, Zhur. tekhn. fiz. 36 no. 11: 65-68 Ja '66.

MASS TRANSFER

Concerning the widespread method of the generalization of experimental data on heat and mass transfer. N. I. Gel'perin, V. G. Alnshel'm, Khim. prom. 42 no. 3: 209-213 Mr '66.

Simulation of unsteady heat and mass transfer in blind mine workings. K. K. Herbut, Dop. AN URSS no. 1:60-84 '66.

Studying the hydrodynamics and mass transfer in extractors with vibrating plates. M. Z. Moksimenko, A. F. Gileev, A. I. Guntanov, Khim. i tekhn. topl. i masel 11 no. 1:16-19 Ap '66.

Studying the kinetics of mass transfer in the rectification of multicomponent mixtures in a wetted-wall apparatus. I. U. A. Puchkov, A. N. Planovskiy, P. G. Bolarchuk, Khim. prom. 41 no. 11:641-645 N '65.

Studying the mass transfer in absorption apparatus with the application of pulsating vibrations. I. I. A. Gordetskiy and others, Khim. prom. 40 no. 11:834-837 N '65.

MATERIA MEDICA

Drug doses and surface-active agents in pharmacy. M. Kh. Huzman, Farmatsiev. zhur. 18 no. 6 3-6 '63.

MATERIALS see subdivision under Kazakhstan

MATERIALS—PRICES

Valuation of materials in a current accounting. I. Basmanov, V. Zhukov, Bukh. uch. no. 2 41-46 F '66.

MATERIALS—THERMAL PROPERTIES

Determining the thermophysical characteristics of materials as functions of the temperature. G. A. Surkov, Dokl. AN BSSR 10 no. 1:22-25 Ja '66.

MATERIALS AT HIGH TEMPERATURES

Conference on the problems of the strength at high temperatures. L. V. Kivachuk, Prikl. mekh. 2 no. 1:141-143 '66.

MATERIALS HANDLING

Device for separating saucers stuck together after glazing and firing. I. A. I. Melnikov, E. A. Skvortsov, Stek. i ker. 23 no. 3:33 Mr '66.

Systems of the mechanization of operations in the handling of limestone. L. A. Radman, Sakh. prom. 40 no. 3:24-28 Mr '66.

Using mathematical analysis to evaluate ore transportation routes in metallurgical plants. V. I. Krivososlov, B. F. Gonchakov, N. M. Pleschikov, Izv. vyz. ucheb. zav. Chern. met. no. 3 209-211 '66.

MATERIALS HANDLING—COLD WEATHER CONDITIONS

Noskov, I. U. A., S. F. Matlasov, and V. I. Chorniaev. [Machine for breaking up frozen bulk freight] Mashina dlya rykhleniya smerzhikhlykh navalochnykh gruzov. Moskva, Transport, 1966. 28 p. (Dostizheniya nauki i tekhniki - v proizvodstvo)

MATERIALS HANDLING—EQUIPMENT AND SUPPLIES

Overall mechanization and automation of loading-and-unloading and intra-warehouse operations as factor of the improvement of work conditions. N. F. Simonov, Trudy MIT no. 226:74-81 '66.

MATERIALS HANDLING—MECHANIZATION

Zaitsev, M. M. [Mechanization of auxiliary and conveying operations; practices of Moscow machinery plants] Mekhanizatsiya vspomogatel'nykh i transportnykh rabot, iz opyta raboty moskovskikh mashinostroitel'nykh zavodov. [Moskva] Mosk. rabochi, 1966. 99 p.

MATERIALS HANDLING—SAFETY MEASURES

Tarkhanov, B. I. [Safety manual for workers engaged in loading and unloading power transmission line poles] Pamiatka po tekhnike bezopasnosti dlya rabochikh, zanyatykh na pogruzhke i razgruzke opor vozdukhnykh linii elektroperedach. Moskva, Stroiizdat, 1966. 31 p. (Tekhnika bezopasnosti v stroitel'stve)

MATHEMATICAL ANALYSIS

[Achievements of science; mathematical analysis, 1964] Ispit nauki: matematicheskiy analiz, 1964. Moskva, 1966. 236 p. (Seriya: Matematika)

Derivation of solutions, analytic with respect to the parameter, to an infinite system of differential equations. V. G. Brodovskiy, Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk 4 no. 1:84-94 Ja-Mr '66.

Recursion relations simplifying the derivation of approximating exponential polynomials. A. M. Zvezdnyy, G. G. Men'shikov, Zhur. vych. mat. i mat. fiz. 6 no. 2:390-393 Mr-Ap '66.

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL INDUCTION see Induction (Mathematics)

MATHEMATICAL INSTRUMENTS

Automatic calculation of geometrical characteristics of cross sections. V. P. Kolomolets. *Samoletostroitel'skiy vozd. flot* no 2 77-81 '65

MATHEMATICAL LOGISTICS

A class of algorithms for selecting an element from a finite set. I. I. Zhuravlev. *Dia. anal.* no 2:26-36 '64

MATHEMATICAL MODELS

Mathematical model of channel processes. G. K. Sintavskii. *Probl. gidroenerg. i vod. hoz.* no 3:215-229 '65

Modeling and representation in contemporary science. I. B. Mikhailova. *Uch. zap. kaf. mat. i tekhn. nauk* no 5 88-104 '65

MATHEMATICAL OPTIMIZATION

Calculating an increase in seed germination by the regression method. Sh. L. Bodishvili, T. G. Zheguli. *Soob. AN Gruz. SSR* 41 no 1:41-43 Ja '66

Economic estimate of time losses, and selection of an optimum capacity reserve of technological units in mines. A. S. Istakhov. *Ugol.* 41 no 3:51-57 Mr '66

Mathematical description of the oxygen-blown converter process. N. A. Sorokin and others. *Izv. vuz. ucheb. zav. chern. met.* 8 no 3:48-54 '66

Problem of the analytic construction of regulators. S. M. Moldabaev. *Izv. AN Kazakh. SSR. Ser. fiz.-mat. nauk* 4 no 1:55-63 Ja-Mr '66

Solution of optimization problems in nonlinear systems of automatic control. V. F. Dem'yanov. *Zhur. vych. mat. i mat. fiz.* 6 no 2:218-228 Mr-Apr '66

Some optimality conditions for systems with distributed parameters. A. I. Egorov. *Mat. sbor.* 69 no 3:371-421 Mr '66

Use of an analog computer in finding the initial conditions for a conjugate systems in an optimal flight problem. I. U. A. Kikh, O. F. Makarov, V. A. Plotnikov. *Zhur. vych. mat. i mat. fiz.* 6 no 2:386-389 Mr-Apr '66

Use of the method of local variations in solving optimum control problems. I. A. Krylov, F. L. Chernous'ko. *Zhur. vych. mat. i mat. fiz.* 6 no 2:203-217 Mr-Apr '66

Use of the principle of the maximum in determining the optimal regime for a chemical reactor. N. D. Dagkesanmanishvili. *Tруды Vych. tsentra AN Azerb. SSR* 3 132-146 '65

MATHEMATICAL PHYSICS

Integral Fourier transformations and some of their applications. G. M. Mordasova. *Tруды VZEI* no 28:113-135 '65

Method for finding the harmonic moments of perturbing masses. V. K. Kono, A. A. Chudinova. *Izv. AN SSSR. Fiz. zem.* no 3:55-62 '66

MATHEMATICAL SOCIETIES see subdivision under Moscow; Ural'sk

MATHEMATICAL STATISTICS

Application of the methods of probability and mathematical statistics in the design and calculation for strength of truck frames. V. B. Nedel'. *Tруды MFT* no 214 4-26 '65

Kleiman, E. A. [Statistical methods for the control and regulation of quality] *Statisticheskie metody regulirovaniya i kontrolya kachestva*. Moskva, Izd-vo standartov, 1966, 115 p.

Mathematical methods in geology. D. N. Belishov, D. S. Tolubayev. *Vest. AN Kazakh. SSR* 22 no 3:84-85 Mr '66

Some problems of mathematical statistics. A. A. Filipova. *Tруды VZEI* no 28:136-149 '65

Use of statistical methods for solving some problems in determining the technical conditions of machinery. I. D. Bukhtakov. *Nauch. trudy SibVIM* no 2:71-79 '64

Using mathematical statistics in the manufacture of machinery. Brief review of reports presented at the Second International Conference on the Use of Mathematical Statistics in the Manufacture of Machinery in Prague, June 1-5, 1965. V. P. Kogayev, N. S. Railman, V. I. Sergeev. *Mashinovedenie* no 2:54-62 '66

Using the method of mathematical statistics in the evaluation of the effect of well direction on the drilling rate. A. A. Rzaev. *Azerb. neft. khoz.* 45 no 1:13-15 Ja '66

MATHEMATICS

Frolov, S. V., and R. Ia. Shostak. [Course in higher mathematics] *Kurs vysshego matematiki*. Moskva, Vysshaya shkola, 1966, 662 p.

MATHEMATICS—PHILOSOPHY

Minimum strictness. S. A. Lianovskaya. *Vop. filos.* 20 no 3:39-50 '66

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Dybov, P. T. [Collection of mathematical problems in aid of persons enrolling in the Moscow Engineering and Physics Institute] *Sbornik zadach po matematike v pomoshch' postupaushchikh v Moskovskiy inzhenerno-fizicheskiy institut*. Moskva, Mosk. inzhenerno-fizicheskiy in-t, 1965, 87 p.

MATHEMATICS—STUDY AND TEACHING

Methodological training of mathematics teachers. A. A. Stokhar. *Sov. pedagog.* 30 no 3:15-19 Mr '66

"Secret" of the highest efficiency. S. Egorov. *Nar. obr.* no 3:55-56 Mr '66

Volkov, A. N., A. M. Volkova, and T. L. Shibaeva. [Independent and test problems in mathematics for the 9th grade, a textbook for teachers] *Samostoyatel'nye i kontrol'nye raboty po matematike dlya 9 klassa, posobie dlya uchitelei*. Moskva, Prosveshchenie, 1966, 133 p.

MATRIARCHY see subdivision under Kerala

MATRICES

Asymptotic distribution for products of complex unimodular matrices. V. N. Tutubalin. *Vest. Mosk. un. Ser. I. Mat. i mekh.* 21 no 2:70-77 Mr-Apr '66

Calculation of the eigenvalues of Hermitian matrix. T. D. Sokolovskii. *Vest. AN BSSR. Ser. fiz.-mat. nav.* no 1:50-52 '66

Computation of a generalized inverse matrix and projection. V. N. Kabanovskaya. *Zhurn. vych. mat. i mat. fiz.* 6 no 2:325-332 Mr-Apr '66

Expression of fundamental principles of dialectical logic in matrix form. O. V. Shmatilin. *Filos. probl. such. prirod.* no 4:43-59 '65

Factorization of the S-matrix of an n-dimensional Schrödinger operator. L. D. Faddeev. *Dokl. AN SSSR* 167 no 1:69-72 Mr '66

Fixed pairs of points in iterative processes for determining eigenvalues. V. S. Shishov. *Zhurn. vych. mat. i mat. fiz.* 6 no 2:332-335 Mr-Apr '66

Generalization of the concept of orthogonality. I. U. V. Kuznetsov. *Tруды VZEI* no 28:86-112 '65

Generalized Green's matrices in boundary value problems for a system of elliptic equations. Nguyen Thua Hop. *Dokl. AN BSSR* 10 no 1:7-10 Ja '66

Irreducible complex representations of a group of triangular matrices over a finite prime field. S. S. Poljak. *Dop. AN URSR* no 1:13-16 '66

Mel'nikov, N. A., and L. A. Soldatkins. [Matrix methods for calculating the operating modes of closed-loop electrical networks] *Matrichnye metody rascheta rabochnykh rezhimov zamknytykh elektricheskikh setei*. Moskva, Energiya, 1965, 128 p.

Necessary and sufficient condition for the existence of a stochastic matrix with given characteristic numbers. Kh. R. Suleimanova. *Tруды VZEI* no 28:33-40 '65

Norms of matrices representing maxima of systems of operator norms. G. R. Belitskii. *Usp. mat. nauk* 20 no 5:181-185 S-O '65

The pseudoscalar β_2 matrix and the electric dipole moment of a W-meson. A. I. Balaun, F. L. Fedorov. *Vest. AN BSSR. Ser. fiz.-mat. nav.* no 1:99-106 '66

Some applications of space matrices in the derivation of projective invariants of algebraic forms. S. I. Chernyshov. *Dop. AN URSR* no 1:23-27 '66

Structure of the S-matrix for quantum problems soluble by the contour integral method. I. U. N. Domkov. *Vest. LGU* 21 no 4:7-10 '66

Suprunenko, D. A., and R. I. Tyshkevich. [Commutative matrices] *Pereslanovchnye matritsy*. Minsk, Nauka i tekhnika, 1966, 103 p.

Young's matrices. V. A. Magarik. *Zhurn. vych. mat. i mat. fiz.* 6 no 2:195-202 Mr-Apr '66

MATESSA REGION (KRASNODAR TERRITORY)—

MINERAL WATERS

Natural impoverishment of the Matessa mineral waters. A. N. Pavlov. *Zap. LGU* 48 no 2:92-97 '65

MATTER

Methodological significance of the concept of the "form of motion of matter." I. S. Svyistun. *Filos. probl. such. prirod.* no 4:60-66 '65

Remarks on the characteristics and definition of "matter" as a category. V. A. Demichev. *Mezhvuz. filos. sbor.* Kish. un. 4:53-58 '64

A scientific definition of the interconnection between the degree of space and time relations on a macroscopic level and the degree of such relations on other levels of the material world. O. O. Lyustina. *Filos. probl. such. prirod.* no 4:103-109 '65

Substance of the concept of matter. A. M. Petrusenko. *Filos. probl. such. prirod.* no 4:35-40 '65

MATTER—PROPERTIES

V. I. Lenin's theory of the indestructibility of matter and its methodological significance for contemporary physics. H. I. Kikots'. *Filos. probl. such. prirod.* no 4:96-102 '65

MAXIMA AND MINIMA

Minimum critical mass in bounded uranium concentration. B. P. Kochurov. *Atom. energ.* 20 no 3:243-247 Mr '66

MAY DAY (LABOR HOLIDAY)

A holiday of work and struggle; May Day. *Agitator* 33 no 8:21-23 Mr '66

MAZUT

All-Union conference on efficient methods for burning mazut and gas in large boiler systems. I. A. P. Storozhuk. *Energomashinostroyeniye* 12 no 2:43 F '66

Effect of temperature and pressure on the amount of distillate in single-stage evaporation of mazut. A. S. Sviridov. *Neft. i m. tekhn.* no 1:25-29 '66

Efficiency of steam-mazut gas systems operating on a sulfur mazut. A. I. Andriushenko and others. *Tekhn. gaz. i tekhn. izn.* 13 no 1:16-20 Ja '66

MEADOW RUE

Constitution of thapsigargin. S. Kh. Makh, S. I. Iuna. *Kolloid. i m. fiz. khim.* no 3:188-191 '65

MEADOW SAXIFRAGE

Libanotis, a new taxon occurring from Libanotis has casica Schischek. A. P. Prokopenko. *Khim. prirod.* no 3:215-230 '65

MEASURING INSTRUMENTS

Dynamic characteristics of high-frequency transducers with elastic inductive elements. M. G. Seleznev. *VNIIG* 77:317-331 '65

Installation of the control and measuring instruments and means of automation. M. Ia. Golov, V. F. Sench. *Energ. stroit.* no 15:90-108 '61

Instruments for investigating aerated flow under field conditions. G. P. Skrobkov, E. M. Romanov, V. V. Zykov. *Izv. VNIIG* 74:359-371 '65

Moscow. Institut mashinovedeniya. [Precision of mechanisms and automatic measuring equipment] *Tochnost' mekhanizmov i avtomatizirovannykh izmeritel'nykh sredstv*. Moskva, Nauka, 1966, 19 p.

MEAT—COOLING

Rapid meat chilling. A. P. Sheffer. *Khol. tekhn.* 43 no 3:32-37 Mr '66

MEAT—MICROBIOLOGY

Kolobodskii chain reaction for meat microflora. L. Sedov. *Mias. ind. SSSR* 37 no 1:30-41 '66

MEAT—PACKING

Standardization of packaging materials for meat products. N. Shishkina and others. *Mias. ind. SSSR* 37 no 1:2 '66

MEAT—TRANSPORTATION

Transportation of refrigerated meat. T. S. Sunina. *Vet. trudy* 42 no 1:96-97 Ja '66

MEAT, CANNED—PRESERVATION

Effect of sharp drop in storage temperatures on the quality of canned meat. V. Bolko, A. Galkina. *Mias. ind. SSSR* 37 no 1:46-48 '66

MEAT, FROZEN

Histological changes in muscular tissues during the freezing of processed natural pork products. T. D. Shintar. *Khol. tekhn.* 43 no 3:98-12 Mr '66

Intensification of the meat defrosting process. A. Shif. A. Saatchan, G. Konchakov. *Mias. ind. SSSR* 37 no 1:42-46 '66

Relation between the initial state of meat tissues and changes induced by freezing. G. B. Chirchov, N. K. Kulmanova. *Khol. tekhn.* 43 no 2:26-28 F '66

MEAT INDUSTRY

(see also subdivision under Tambov)

Experience in the use of the AVZh production line. A. Sokolov. *Mias. ind. SSSR* 37 no 1:14 '66

Improved qualitative and quantitative indices. A. Savci. *Mias. ind. SSSR* 37 no 1:6-8 '66

More about seasonal variations in the meat industry. Z. Kolumov, I. Baizall. *Mias. ind. SSSR* 37 no 1:32-36 '66

Objective indices of raw material utilization in the meat and fat industry. S. Krasnov. *Mias. ind. SSSR* 37 no 1:28-30 '66

Utilization of the heat of refrigerator condensers in meat combines. V. Ogurtsov. *Mias. ind. SSSR* 37 no 1:25 '66

MEAT INDUSTRY—ACCOUNTING

Shortcomings in the accounting for the results of cattle processing. G. Baov. *Mias. ind. SSSR* 37 no 1:30-31 '66

MEAT INDUSTRY—BY-PRODUCTS

Liberman, S. G. [Methods of fractionating animal fats and their fatty acids] *Sposoby frakcionirovaniia zhivotnykh zhirov i ikh zhirnykh kislot*. Moskva, TsINTIshcheprom, 1965, 38 p.

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES

Machine for dry salt-curing of lard. S. Olefirenko. *Mias. ind. SSSR* 37 no 1:38 '66

Mobile bactericidal apparatus. V. Isaev, N. Mitrov, L. Kuznetsova. *Mias. ind. SSSR* 37 no 1:10 '66

Moisture measuring instrument for food. I. Baranovskii. A. Prozorov, A. Boitsov. *Mias. ind. SSSR* 37 no 1:19-21 '66

Sectional punch for end discs. N. Rudakova. *Mias. ind. SSSR* 37 no 1:38 '66

MEAT INDUSTRY—FINANCE see subdivision under Kirghizistan

MEAT INDUSTRY—MANAGEMENT

(see also subdivision under Caucasus, Northern)
Savings on a large and small scale. N. Alekseev, N. Ivanishkina. Mias. Ind. SSSR 37 no. 1-6 '66.
Ways to increase profitability. K. Ivanov. Mias. Ind. SSSR 37 no. 1-31-35 '66.

MEAT INDUSTRY—PRODUCTION STANDARDS

Production norms and technical production and financial planning. T. Boida. Mias. Ind. SSSR 37 no. 1-33-31 '66.

MEAT INDUSTRY—RESEARCH

Eleventh European Congress of the Representatives of the Scientific Research Institutes of the Meat Industry. Mias. Ind. SSSR 37 no. 1-53-51 '66.

MEAT INDUSTRY—TECHNOLOGICAL INNOVATIONS

Introducing the new progressive technology. M. Alekhina. Mias. Ind. SSSR 37 no. 1-0-0 '66.

MEAT INSPECTION

(see also subdivision under Denmark)

Pathomorphological changes in lymph nodes due to tuberculosis in swine. V. P. Nefubina. Veterinarnia 42 no. 1-97-99 Ja '66.

Work of the histological section of a meat combine laboratory. V. P. Romadina, I. S. Zel'manov. Veterinarnia 42 no. 1-99-100 Ja '66.

MECHANICAL DRAWING—EQUIPMENT AND SUPPLIES

Universal desk for mechanical drawing. M. Pakhomov. Prof. tekhn. obr. 23 no. 2-29 F '66.

MECHANICAL DRAWING—STUDY AND TEACHING

Let's start teaching mechanical and technical drawing in lower grades. N. I. Tkachenko. Shkola i proizv. 9 no. 3-47-49 Mi '66.

Mechanical drawings in the manufacture of machine parts. D. Likhenshtein. Shkola i proizv. 10 no. 3-67-68 Mi '66.

Teaching about cross sections and profiles in the 7th grade. P. I. Gavrilov. Shkola i proizv. 10 no. 3-47-57 Mi '66.

MECHANICAL ENGINEERING—STUDY AND TEACHING

Building the IAG10 machine tool. A. Lobastov. Prof. tekhn. obr. 23 no. 2-0 F '66.

Independent work of students in the course "Machine parts. N. Zavrulin. Sred. spets. obr. 13 no. 3-11-14 Mi '66.

Personal example of a foreman. K. Minaev. Prof. tekhn. obr. 23 no. 3-17 Mr '66.

MECHANICAL MOVEMENTS

Transient process in a linear system under the action of random forces. A. N. Golubentsev, S. S. Reznik. Prikl. mekh. 2 no. 2-100-103 '66.

MECHANICAL WEAR

Calculating the rigidity of the system of automatic wear compensation for metal-cutting equipment. A. M. Dal'ski. Shor. trud. MVTU no. 2-58-68 '62.

Determining the effect of the mechanical wear of the surface on the technical condition of negatives. L. P. Mel'nikeva. Trudy NIKFI no. 50-94-102 '62.

Effect of the disruption of the film surface uniformity on the decline of its mechanical properties. Zh. F. Moteneva. Trudy NIKFI no. 50-42-49 '62.

Effect of the thickness of trilaciate films on their impact strength. G. I. Belousova, L. A. Khomutova. Trudy NIKFI no. 50-50-53 '62.

Influence of metal structure on the resistance to abrasive wear. V. S. Popov, N. N. Brykov. Metalloved. i form. obr. met. no. 3-25-26 Mr '66.

Mechanism of tooth wear in open cast-iron gear wheels. G. M. Grekov. Izv. vyz. ucheb. zav.; mashinost. no. 1: 55-58 '66.

Mechanism underlying the destruction of a steel surface by a freely striking abrasive grain. V. N. Kraschchev. Izv. vyz. ucheb. zav.; fiz. 9 no. 1-103-104 '66.

Methodology and results of the study of the wear of materials for the bearings of hermetic refrigerator compressors. L. G. Mel'nichenko, P. F. Truskov, E. D. Khokhli. Khol. tekhn. 43 no. 2-10-18 F '66.

Methods and results of the studies on the wear of open-pit excavator parts. F. K. Gerasimov, L. F. Gerasimov. Goryshur. no. 3-44-47 Mr '66.

Some results of the investigation of the wear of tempered steel due to friction against rock. A. N. Popov, A. I. Spivak. Mash. i nef. obr. no. 2-20-23 '66.

Wear of cutting edges during the blanking and punching of electrical steel. F. P. Mikhlenko. Kuz.-slit. prom. 9 no. 2-20-23 F '66.

Wear of machine parts as a random value. I. B. Tatarskovskii. Vest. mashinost. 46 no. 2-3-9 F '66.

MECHANICAL WEAR—TESTING

Device for the automatic measurement of the amount of wavy wear of rails. N. A. Koslov, S. M. Isaev. Trudy Ural. elektromekhn. inst. inzh. zh. el. dor. transp. no. 10-144-150 '65.

MECHANICS

Approach of two points in a central force field. Z. N. Pak. Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk 4 no. 1: 93-101 Ja-Mr '66.

Asymmetric form of the loss of equilibrium by a cylindrical shell as dependent on the internal hydrostatic pressure. P. Kh. Deikach. Gidraeromekhanika no. 2-94-98 '65.

Direct of nonholonomic connections on mechanical systems. G. N. Khlazev. Prikl. mekh. 2 no. 1-35-45 '66.
Gas flow near a removable discontinuity. A. F. Sidorov. Dokl. AN SSSR 187 no. 1-51-51 Mi '66.

Il'ushin, A. A. [Continuum mechanics, a textbook] Mekhanika sploshnoi sredy, uchebnoe posobie. [Moskva] Izd-vo Mosk. univ. Pt. 2, 1965, 25 p.

One case of motion of a point of variable mass. V. A. Sapa, Z. N. Pak. Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk 4 no. 1-05-07 Ja-Mr '66.

Pressure exerted by a cylindrical vessel on supporting bases. P. A. Zagubizhenko, A. L. Gerasimov, I. U. A. Litvinenko. Gidraeromekhanika no. 2-01-87 '65.

Production of a sectional generating system from a number of parallel rods. B. I. Stepanov, I. U. I. Cherkal'skaya. Vest. AN BSSR, Ser. fiz.-mat. nav. no. 1-82-80 '66.

MECHANICS—ABSTRACTS

[Mechanics] Ref. zhur.: Mekh. no. 3 Mr '66.

MECHANICS—PROBLEMS, EXERCISES, ETC.

Ochagov, F. M. [Solution of problems in mechanics; a self-teaching] Reshenie zadach po mekhanike, posobie dlia samooobrazovaniia. Moskva, Prosveshchenie, 1965, 230 p.

MECHANICS (PERSONS)

Place of a technician in production. D. I. Chuprunov. Sred. spets. obr. 13 no. 1-1-6 Ja '65.

MECHANICS, ANALYTIC

Conditions for the existence of kinetic equations. Part 2. M. R. Korotkina. Vest. Mosk. un. Ser. I: Mat., mekh. 21 no. 2-94-99 Mr-Apr '66.

Gantmakher, F. R. [Lectures on analytic mechanics] Lektsii po analiticheskoj mekhanike. Izd. 2., ispr. Moskva, Nauka, 1966, 300 p.

Inertial systems without stabilizers. Van Dan'chzhii (Wang Tan-chih). Vest. Mosk. un. Ser. I: Mat., mekh. 21 no. 2-78-85 Ms-Apr '66.

Novosolov, V. S. [Variational methods in mechanics] Variatsionnye metody v mekhanike. [Leningrad] Izd-vo Leningr. univ., 1966, 86 p.

MECHANICS, APPLIED

Generalized formula for the angle of the turn of a joint in frames. P. V. Vinogradov. Trudy GISI no. 30-56-67 '61.

MECHANICS, CELESTIAL

Dynamics of stellar systems. V. V. Vatulov, A. V. Bogdanov. Trudy VZEL no. 17-37-44 '61.

Use of Hill's method in the use of hyperbolic motion under an arbitrary perturbing force. A. Kakhkhorov. Dokl. AN Tadzh. SSR 0 no. 1-23-26 '66.

MECHANISMS

Applying tangential coordinates to problems in the synthesis of four-bar linkages with forward moving pairs. L. N. Borisenko. Sinoletsostr. i tekhn. vord. flota no. 2: 51-58 '65.

Graphic determination of the positions of three-dimensional five-bar linkages. A. G. Burmatov. Mashinovedenie no. 2-18-14 '66.

Investigating the precision of mechanism of a hinged parallelogram using the conformal transformation of the evolute. A. A. Khlos. Izv. vyz. ucheb. zav.; mashinost. no. 1: 11-14 '66.

Structural formula for flat mechanisms with flexible links. A. A. Rostov. Dokl. MISP 1 no. 6: 37-40 '64.

Studying the transmission mechanism of the shed dobby. A. V. Ditskil. Izv. vyz. ucheb. zav.; tekhn. tekst. prom. no. 1-350-105 '66.

Synthesis of a three-dimensional five-bar linkage. K. Kh. Shakhbazian. Mashinovedenie no. 2-3-7 '66.

Synthesis of one kind of a three-dimensional four-bar linkage. V. P. Polukhin. Izv. vyz. ucheb. zav.; tekhn. leg. prom. no. 1-103-108 '66.

Synthesis of the beam-crank mechanism with controlled slider motion. B. S. Sunkuev. Izv. vyz. ucheb. zav.; tekhn. leg. prom. no. 1-127-133 '66.

Thermal analysis of plastic bodies of mechanisms. V. N. Lymzin. Shor. trud. NVTU no. 3-10-21 '63.

Work of the thread-laying mechanism of the KB-250-1 double-deck twisting machine. A. A. Markovich, G. A. Samarskii. Trudy L'ITSBP no. 17-285-293 '65.

MECHANISMS—RELIABILITY

Moscow, Institut mashinovedeniia. [Precision of mechanisms and automatic measuring equipment] Tochnost' mekhanizmov i avtomatizirovannykh izmeritel'nykh sredstv. Moskva, Nauka, 1966, 190 p.

MECHANIZATION

The Ushkobe efficiency promoters. R. Mazur. Zakup. sel'khoz. prod. no. 7-61 Ji '65.

MEDICAL AND PHARMACEUTICAL CHEMISTRY see Chemistry, Medical and pharmaceutical

MEDICAL BOTANY see Botany, Medical

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES

In the medical school of Sochi. Sred. spets. obr. 13 no. 2-50-51 F '66.

MEDICAL ELECTRONICS—CONGRESSES

Modern biomedical electronics; international conference in Japan. V. A. Kozhevnikov. Vest. AN SSSR 30 no. 2-123-126 F '66.

MEDICAL EXAMINERS (LAW)

Death from injuries caused by dogs. V. M. Litovchenko, V. F. Masterov. Sud.-med. eksp. 9 no. 1-38-40 Ja-Mr '66.

MEDICAL GEOGRAPHY see subdivision under Japan

MEDICAL GEOGRAPHY—ABSTRACTS

[Medical geography] Ref. zhur.: Med. geogr. nos. 2-3 F-Mr '66.

MEDICAL GEOGRAPHY—METHODOLOGY

Konferentsiia po metodam mediko-geograficheskikh issledovaniy. Moscow, 1965. [Methods of medico-geographical research, materials] Metody mediko-geograficheskikh issledovaniy; [materialy]. Moskva, Mosk. filial geogr. ob-va Soluzia SSSR, 1965, 321 p. (DNLM)

MEDICAL INSTRUMENTS AND APPARATUS

Medieval medical instruments for bloodletting. V. A. Urtan. Sov. arkheol. 10 no. 2-320 '66.

MEDICAL JURISPRUDENCE

Case of examination of sperm stains on the soil. V. P. Khomenok, V. G. Burchinskii. Sud.-med. ekspert. 9 no. 1-43-49 Ja-Mr '66.

Fatal injury caused by the discharge of an atypical gun. E. S. Epshtein. Sud.-med. ekspert. 9 no. 1-10-42 Ja-Mr '66.

Incorrect collection and forwarding of saliva specimens as a source of error in expert opinion. E. G. Gershtorn. Sud.-med. ekspert. 9 no. 1-16-17 Ja-Mr '66.

Mark which helps to establish the direction of the individual's being; an over by a car wheel. A. A. Matyshev. Sud.-med. ekspert. 9 no. 1-40-52 Ja-Mr '66.

Possibility of charring cadavers with hot air. R. I. Kandibur. Sud.-med. ekspert. 9 no. 1-15-17 Ja-Mr '66.

Relationship between the color of hair, sex, and content of trace elements in hair. D. I. A. Shabel'nik. Sud.-med. ekspert. 9 no. 1-7-9 Ja-Mr '66.

X-ray expertise on the age of mummified cadavers. V. M. Smol'tsinov, S. A. Zhdanova, M. A. Kirova. Sud.-med. ekspert. 9 no. 1-3-7 Ja-Mr '66.

MEDICAL JURISPRUDENCE—CONGRESSES

12th Enlarged Conference of the Leningrad Branch of the All-Union Scientific Society of Forensic Medicine. Expoz. June 30 - July 2, 1965. I. P. Ogarkov. Sud.-med. ekspert. 9 no. 1-59-62 Ja-Mr '65.

MEDICAL JURISPRUDENCE—HANDBOOKS, MANUALS, ETC.

Pyrlin, N. P. [Medicolegal examination of the cadaver; textbook for students of medical institutes] Sudobno-meditsinskoe issledovanie trup; uchebnoe posobie dlia studentov meditsinskikh institutov. Izd. 2., perer. i dop. Moskva, Pervyi med. in-t, 1965, 65 p.

MEDICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Apparatus for pouring and dilution of the components of serological reactions. E. V. Formin, A. A. Sumarokov, M. O. Birger. Lab. delo no. 3-188-188 '66.

Apparatus for prolonged continuous infusion of drugs in small laboratory animals. S. I. Koval'chuk. Farm. i toks. 27 no. 6-743-745 N-D '64.

MEDICAL MICROBIOLOGY—TECHNIQUE

Results of the use of the Siroko medium in the examination of sanitary washings. A. V. Drabkina. Lab. delo no. 3: 183-185 '66.

MEDICAL PARASITOLOGY—BIBLIOGRAPHY see Bibliography—Medical parasitology

MEDICAL RECORDS

Some proposals to the improvement of case history forms. I. G. Lavrova, V. A. Galkin. Sov. med. 27 no. 6-147-149 My '64.

MEDICAL SCREENING

Organization of and experience in the use of large-photograph fluorography in municipal general hospitals. Kh. A. Kildirbeili. Sov. med. 27 no. 6-139-141 My '64.

Problem of the early detection of pulmonary tuberculosis. N. S. Didiyova. Sov. med. 27 no. 6-142-147 My '64.

Prophylactic screening under present conditions. N. L. Roslinskii. Vest. dermat. i ven. no. 6-61-63 '65.

MEDICAL STATISTICS

Late results of the treatment of agricultural injuries.
E. P. Riabchuk. Sov. med. 27 no. 3 74-79 My '61.

MEDICAL SUPPLIES see subdivision under Kazakhstan

MEDICINE

Abstracts. Sov. med. 27 no. 5 122-130 My '64.

Abstracts. Voen.-med. zhur. no. 2 85-88 F '60.

Akhmetov, V. V., Z. M. Mitin, and I. I. Smol'tsinov.
[Soils and human health] Pochvy i zdorov'e cheloveka.
Moskva, Izd-vo "Znanie," 1966. 47 p. (Novoe v zhizni,
nauke tekhnike. VII Seriya Biologiya i meditsina,
no. 4)

Brief reports. Sov. med. 29 no. 2 116-153 F '66.

[Significant dates and anniversaries of the history of
medicine in 1966] Znacheniya i iubileinye daty istorii
meditsiny 1966 goda. Pod red. B. D. Petrova. Vyp.
10. Moskva, Meditsina, 1966. 96 p.

MEDICINE—ABSTRACTS

[Medical abstracts] Med. ref. zhur. sect. 1 vol. 10
nos 2-3 F-Mr '68, Sect. 2 vol. 10 no. 3 Mr '68,
Sect. 3 vol. 10 nos. 2-3 F-Mr '68, Sect. 4 vol. 10
nos. 2-3 F-Mr '68, Sect. 5 vol. 10 no. 2 F '68,
Sect. 6 vol. 10 no. 2 F '68, Sect. 7 vol. 10 no. 1 Ja
'68, Sect. 8 vol. 10 no. 2 F '68, Sect. 10 vol. 10
no. 2 F '68, Sect. 11 vol. 10 no. 2 F '68, Sect. 12
vol. 10 no. 3 Mr '68, Sect. 13 vol. 10 no. 2 F '68.

MEDICINE—BIBLIOGRAPHY see Bibliography—
Medicine

MEDICINE—CONGRESSES

Academy of Medical Sciences of the USSR, Moscow. Kazakhskii
Institut Kraevoi patologii. [Materials of the report
conference, 1964] Materialy etichetnoi nauchnoi
konferentsii, 1964 g. Alma-Ata, Izd-vo Akad. nauk
Kazakhskoi SSR, 1964. 109 p.
(DNLM)

Minsk. Meditsinskii institut. [Summaries of reports
of the 12th Student Conference, April 25-27] Tezisy
dokladov XXII Nauchnoi studentcheskoi konferentsii
25-27 aprilia. Minsk, 1964. 102 p.
(DNLM)

MEDICINE, INDUSTRIAL

(see also subdivision under Minsk)

Causes of industrial traumas and ways for their reduction
in woodpulp and paper mills. A. M. Burtsev. Ortop.,
travm. i prolez. 27 no. 3 56-60 Mr '66.

MEDICINE, MILITARY

Collective of military medics improves the medical care
for servicemen. G. L. Logvinenko. Voen.-med. zhur.
no. 2 14-15 F '66.

Experience in sanitary educational work in the troops of
a military district. G. E. Kharlamov, N. M. Kuznetsov.
Voen.-med. zhur. no. 2 73-75 F '66.

Experience in the observation and treatment of patients
with some diseases of the nervous system in a military
unit. A. T. Tishchenko. Voen.-med. zhur. no. 2 78-79
F '66.

Injurious effect of an underwater nuclear explosion; a re-
view of the literature. E. A. Zherbin and others. Voen.-
med. zhur. no. 2 68-72 F '66.

Military medics, the honored doctors of R. S. F. S. R.,
N. N. Pastukhov, E. G. Levin. Voen.-med. zhur. no. 2
12-13 F '66.

Psychophysiological measures in the units of a military
district and their effectiveness. O. A. Vilunov and
others. Voen.-med. zhur. no. 2 46-48 F '65.

MEDICINE, RURAL

Experience in organizing physical therapy in rural areas.
F. G. Grigor'ev. Sov. med. 27 no. 5 73-74 My '64.

MEDICINE AND RELIGION

Voskresenski, N. V. [Medicine and religion]
Meditsina i religiya. Moskva, Meditsina, 1965.
41 p. (Nauchno-popul'naya meditsinskaya literatura)

MEDIEVAL PAINTING see Painting, Medieval

MEDIEVAL PHILOSOPHY see Philosophy, Medieval

MEDITERRANEAN SEA—COPEPODA

Survival of some pelagic copepods of the Black and
Mediterranean Seas in waters of different salinity.
A. V. Kovalev. Gidrobiol. zhur. 2 no. 1 43-48 '66.

MEDITERRANEAN SEA—OCEAN CURRENTS

Circulation in the surface and intermediate layers of the
Mediterranean Sea. I. M. Ovchinnikov. Okeanologiya
6 no. 1 82-75 '66.

MEDITERRANEAN SEA—OCEANOGRAPHIC RESEARCH STATIONS

Jacques Yves Cousteau relates. A. A. Chernov. Priroda
no. 2 122-123 F '66.

MEDITERRANEAN SEA—SUBMARINE TOPOGRAPHY

Adadentia nauk SSSR. Institut Okeanologii. [Expedition
ship "Academician S. Vavilov," her maiden Mediter-
ranean voyage of 1959, bottom relief] Ekspeditsionnoe
sudno "Akademik S. Vavilov," pervyi sredizemnomoi-
skii reis 1959 g., rel'ef [sic] dna. Moskva, 1961. 58 p.
chiefly map, charts. (Iz: Materialy Okeanologicheskikh
issledovaniy) (NNC)

MEDULLA OBLONGATA

Reactions of single neurons of the vestibular nuclei of the
medulla oblongata in cats. G. I. Gorgiladze. Fiziol. zhur.
52 no. 3 243-249 Mr '68.

MEDVEZH'YEGORSK DISTRICT—AGRICULTURAL WORKERS—DISEASES AND HYGIENE

Results of the study of the incidence of disease among
the workers of state farms in Medvezh'yegorsk District.
V. Ch. Brzheshkil, Sbor. nauch. rab. vrachei Kar. ASSR
no. 4 20-21 '62.

MEGRI DISTRICT—DIKES (GEOLOGY)

Distribution and formation of dikes in the southwestern
part of the Megri-Ordubad batholite. R. Sh. Azizbekov.
Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 5 60-68
'65.

MELANOMA

Radiosensitivity of malignant melanomas. M. M. Nivni-
skaya, S. M. Parshikova. Med. rad. 11 no. 2 20-26
F '66.

MEL'NIKOVA-TEODOROVICH, LIDIA ALEKSEEVNA

Through her whole life. N. Grigor'eva. Sov. voen. 47
no. 22 46-17 N '65.

MELONS see subdivision under Kyzyl-Orda Province

MELONS—TRANSPORTATION see subdivision under
Soviet Central Asia

MELTING

Formation of a low-melting layer responsible for starting
contact fusion of alkali halide crystals. G. F. Valderov,
V. A. Zlenko. Izv. vys. ucheb. zav. i fil. 9 no. 1 140-153
'66.

MELTING POINTS

Equations of fusibility curves for semiconductor com-
pounds. A. N. Kirgintsev, E. G. Avvakumov. Izv. SO
AN SSSR no. 11. Ser. khim. nauk no. 3 73-77 '64.

Physicochemical study of the system $\text{SnCl}_2 - \text{MCl}$.
Report No. 2. Fusibility diagram of the system
 $\text{KCl} - \text{SnCl}_2$. N. A. Fedotov, E. S. Petrov. Izv. SO AN
SSSR no. 11. Ser. khim. nauk no. 3 154-155 '64.

MEMBRANES (CHEMISTRY)

Mechanism of formation and structure of alkali K-d
membranes. F. T. Shostak and others. Izv. AN Kazakh.
SSR. Ser. khim. nauk 14 no. 4 81-84 O-D '64.

Synthesis of water-soluble polymeric bases and production
of ion-exchange membranes on their base. A. S.
Teylina, N. I. Skripchenko, G. S. Kolesnikov. Plast.
massy no. 3 68-69 '66.

MENDELEYEV VOLCANO—LANDFORMS

Relationship of some endogenetic and exogenetic factors
forming the relief of the Mendeleev Volcano. O. K.
Kalishevich, V. V. Nikol'skaya. Biol. MOIP Otd. geol.
41 no. 1 157-159 Ja-F '68.

MENINGES—TUBERCULOSIS

Differential diagnosis of tumors of the brain and tuber-
culous meningitis. L. A. Lishanskii, M. Kh. Starobinets,
Sbor. nauch. rab. vrachei Kar. ASSR no. 4 138-140 '62.

Electrophoresis of the cerebrospinal fluid in the diagnosis
of tuberculous meningitis. G. M. Kilver, I. A. B. Khmura.
Zhur. nevro. i psikh. 66 no. 3 346-349 '66.

Indications for subarachnoid therapy in tuberculous
meningitis. V. E. Soldatov. Probl. tub. no. 3 50-55
'65.

MENINGITIS

Influenza meningitis. I. A. Romanov. Zhur. nevro. i
psikh. 66 no. 3 335-338 '66.

Pathomorphological changes in the cerebral membranes
during chronic fibrous leptomeningitis (arachnoiditis)
of the posterior cranial fossa. N. M. Madzhidov. Sov.
med. 29 no. 1 129-134 Ja '68.

Sulfapyridazine in pneumococcal meningitis in rabbits.
I. Samukhamedov and others. Farm. i toki, 27 no. 6;
722-729 N-D '64.

Therapeutic effect of corticosteroids in experimental
aseptic leptomeningitis. N. M. Madzhidov. Zhur. nevro. i
psikh. 66 no. 3 341-346 '68.

MENINGITIS—COMPLICATIONS AND SEQUELAE

Hearing disorders complicating suppurative meningitis
during the use of modern therapeutic methods. R. B.
Sheidina. Zhur. nevro. i psikh. 66 no. 3 348-353 '68.

MENINGITIS, CEREBROSPINAL

Myelitic form of epidemic cerebrospinal meningitis.
A. M. Briskman. Zhur. nevro. i psikh. 66 no. 3 339-340
'66.

MENINGITIS, SPINAL

Data on electoencephalographic examination of patients
with cholestanoma of the cauda equina region and
spinal leptomeningitis in late sequelae of tuber-
culous meningitis. P. M. Ait'pov, A. M. Vilkov,
B. Sh. Taktchenberg. Zhur. nevro. i psikh. 66 no. 3 354-
365 '66.

MENOPAUSE

Hemorrhages in menopause. V. P. Markina. Sov. med.
29 no. 1 55-59 Ja '66.

MENSURATION

Precision of surveying measurements in prospecting
work. A. S. Lavil'kov. Gidrot. i kait. no. 11 20-38 N
'64.

Sa'nikov, I. E. [Some information about computations
with approximate numbers and the processing of
measurement results, a lecture] Nekotoryye svodeniya
o vychislitel'nykh i priblizhennykh chislakh i obrabotke
rezul'tatov izmerenii i tekhnika. Gos. tekhn. i inzhenerov
vodnogo transporta, 1965. 42 p.
[MICROFILM]

MENSURATION—ABSTRACTS

[Measurement and mensurement techniques] Ref. zhur.:
Metri. i izm. tekhn. nos. 2-3 F-Mr '66.

MENTAL ILLNESS

(see also subdivision under Ukraine)

Perspectives of diagnosis of mental diseases. I. A. I.
Khurgin, P. G. Nikiforova. Zhur. nevro. i psikh. 66
no. 3 162-163 '66.

MENTHANE

Preparation and use of p-menthane hydroperoxide. I. I.
Baidyshev and others. Zhur. prikl. khim. 39 no. 2,
442-446 F '66.

MENTHANONE

Effect of some environmental factors on the accumulation
of menthone in the oil of pink geranium (Pelargonium
roseum). V. T. Gogila, L. N. Ivanova, Trudy Sibirsk.
opyt. sta. efirnomasli, kul't. no. 5 27-33 '64.

Formation of a menthone-rich type of pink geranium
(Pelargonium roseum). T. L. Kuchulorita. Trudy Sakh.
opyt. sta. efirnomasli, kul't. no. 5 13-26 '64.

MEPERIDINE

Structure of phetidine. Z. F. Ismailov, S. I. Uzunov.
Khim. prirod. soed. 2 no. 1 43-49 '66.

MEPROBAMATE

Analysis of the combined effect of two sedatives, meproba-
mate and oxydine, with amidepyrine. M. V. Komandru-
tova, N. V. Kurina. Farm. i toki, 29 no. 1 3-8 Ja-F
'66.

MERCAPTO GROUP

Correlation of the polarographic activity of Baidukova's
filtrate and the content of sulfhydryl groups in blood
serum. I. M. Vorontsov. Vop. med. khim. 12 no. 1,
30-33 Ja-F '66.

Effect of ganglionic blocking agents on the activity of the
sulfhydryl groups; on the mechanism of action of
ganglionic blocking agents. I. A. Z. Lamberkii, M. L.
Tatarkhovskii. Farm. i toki, 27 no. 6 732-735 N-D
'64.

Effect of radioprotective agents (anoxia, cystamine, and
cystamine) on the sulfhydryl group level in cells of
Ehrlich's ascitic cancer. E. A. Gerasimov, I. V. Nekrasova,
A. G. Tarnsenko. Dokl. AN SSSR 180 no. 4 974-977
F '66.

Methodology of quantitative determination of sulfhydryl
groups through amperometric titration. F. G. Murza-
kaev. Lab. delo no. 3 140-162 '66.

Significance of the sulfhydryl groups of protein in the
process of mitotic cell division. I. A. Alov, M. E. Aspliz.
Dokl. AN SSSR 180 no. 4 966-967 F '66.

MERCHANT MARINE

(see also subdivision under Baltic States; Latvia)

Competition between the collectives of longshoremen
and seamen. A. Manuilov. Mor. flot 26 no. 2 5-6
F '66.

The crew of the steamship "Sovetskii Soluz" in the
struggle for profitability. B. Grishin. Mor. flot 26
no. 2 10-11 F '66.

In honor of the 23d Congress of the Leninist party.

Mor. flot 26 no. 3 1-2 Mr '66.

Increase the responsibility, develop a businesslike atti-
tude, activity and initiative! Mor. flot 26 no. 2, 1-2
F '66.

Navigation and maritime policy in capitalist countries.
S. F. Korikina. Ekon. i eksp. mor. transp. no. 2 3-10
'66.

Save fuel and electric power in every possible way.

N. Babynin, O. Zelenakii. Mor. flot 26 no. 3 38-40
Mr '66.

They are mastering new techniques with determination.
D. Nozdin. Mor. flot 26 no. 2 8 F '66.

Toward new frontiers. S. Shmelev. Mor. flot 26 no. 2:
3-4 F '66.

Urgent problems in the effective utilization of the produc-
tive capacities of marine transportation. A. M. Firosov.
Mor. flot 26 no. 2 12-15 F '66.

MERCHANT MARINE (Continued)

Zykova, O. P. [Technical and economic indices of the performance of seagoing vessels.] *Tekhniko-ekonomicheskie pokazateli i obshchaya ekonomika suda*. Moskva, Transport, 1965. 101 p. (Ekonomika i ekshuatatsiya morskogo transporta)

MERCHANT MARINE—MANAGEMENT

Conditions for the reliability of optimal planning of the work of the fleet. A. F. Mitonov, E. P. Gromov, Lkon, 1 kshpl, mor, transp. no. 2 29-33 '65.
One method for evaluating the accuracy of "almost" optimal plans. E. P. Gromov, P. D. Kovalev, Ekon, 1 kshpl, mor, transp. no. 2 26-28 '65.
Some characteristics of the disposition of the fleet according to the movement chart. V. D. Levyl, Ekon, 1 kshpl, mor, transp. no. 2 33-40 '65.

MERCHANT MARINE—MATHEMATICAL MODELS

Methodological foundations for the processing of statistical accounts and prospective materials for a mathematical model study of the work of the fleet, ports, and ship repair yards. N. G. Kovalev, Lkon, 1 kshpl, mor, transp. no. 2 40-47 '65.

MERCHANT MARINE—PASSENGER TRAFFIC

(see also subdivision under Black Sea)
Criteria of the disposition of the fleet of seagoing passenger vessels. N. I. Savin, Ekon, 1 kshpl, mor, transp. no. 2 62-66 '65.
Operational speed of the movement of passenger vessels on regular lines. A. Giumin, Mor flot 26 no. 2 10 F '66.

What prevents the improvement of the ship's economic activities. F. Dashkov, Mor flot 26 no. 3 15 Mr '66.

MERCHANT MARINE—STATISTICS

Statistical data on the state of the world merchant marine in 1965. Sudosloenie 56 no. 1 21-26 Ja '66.

MERCHANT SHIPS

Prospective types of transport ships and basic problems in improving their technical and operational characteristics. P. I. Stumpe and others. Trudy TSNIIMF no. 67 7-11 '65.

MERCHANT SHIPS—PASSENGER ACCOMMODATION

(see also subdivision under Danube River)
Evaluate the performance of passenger vessels on the basis of the financial results. Mor flot 26 no. 2 12-13 F '66.

MERCURIMETRY

Mercurimetric determination of chlorides, thiocyanates, and cyanides using 5-(0,1-sulfonaphthylazo)-8-hydroxyquinoline. O. V. Silvanova, I. S. Mustafin, Zhur. anal. khim. 21 no. 2 242-243 '66.

MERCURY

(see also subdivision under Abkhazia)

Interaction of diisopropylmercury with tert-butyl hydroperoxide and benzoyl peroxide. G. A. Razuvayev and others. Zhur. obshch. khim. 36 no. 2 258-261 F '66.

Separation of selenium from mercury in sublimates. M. I. Eidenbeeva, Z. M. Usanova, Izv. AN Kazakh SSR. Ser. khim. nauk 14 no. 3 16-48 Ji-S '64.

MERCURY—TOXICOLOGY

Drozhzhina, E. A., and M. N. Sadchikova. [Intoxication with mercury and its organic compounds; clinical aspects, diagnosis, treatment, prevention and disability evaluation.] *Intoksikatsii rut'iu i ee organicheskimi soedineniyami: klinika, diagnostika, lechenie, profilaktika i ekoperitza tudosposobnosti*. Moskva, Meditsina, 1966. 101 p. (Biblioteka prakticheskogo vracha) (DNLM)

MERCURY—ARC RECTIFIERS

Determination of mismatches in the ignition of parallel connected regulated mercury-arc rectifiers. L. A. Dritov, M. R. Gol'dshtein, I. S. Timofeev, Izv. vyz. ucheb. zav.; elektromekh. 9 no. 2 218-222 '66.

Determination of the recovery of the electrical strength of ionic devices. V. A. Dolgikh, Izv. NIPT no. 11: 288-297 '65.

Features of the recovery of the electrical strength of ignitrons. V. A. Dolgikh, Izv. NIPT no. 11: 298-302 '65.

MERCURY CHLORIDES

Products of the interaction of arsenic hydride with mercury (II) chloride. I. N. Blizukova, S. P. Byelov, Apl. dolo. 14 no. 3 38-42 My-Je '65.

MERCURY COMPOUNDS

Effectiveness of some seed disinfectants containing mercury. K. I. Kalashnikov, Khim. v sel'khoz. 4 no. 3: 28-30 Mr '66.

Electrophilic substitution at a saturated carbon atom. Kinetics of the reaction of benzyl mercury chloride with iodine. I. P. Beletskaya, T. P. Fetisova, O. A. Reulov, Dokl. AN SSSR 166 no. 4: 861-863 F '66.

Structural properties of a mercury telluride-mercury sulfide system. E. I. Nikol'skaya, Uch. zap. Kal. gos. ped. inst. 33: 61-66 '65.

MERCURY HALIDES

Reaction of monothiolamine with mercury (II) chloride, bromide, and iodide. V. V. Udovenko, V. L. Zotov, Ukr. khim. zhur. 32 no. 1 8-11 '66.

MERCURY ISOTOPES—DECAY

"Shake-up" of the electron shell at Hg²⁰³ beta-decay. E. E. Barilovich, L. M. Kutsentov, V. G. Fleisher, Izv. AN SSSR, Ser. fiz. 30 no. 3 426-134 Ma '66.

MERCURY NITRATES

System Hg(NO₃)₂·H₂O at 20° C. M. V. Dybaeva, G. E. Zhelezina, D. M. Korf, Zhur. neorg. khim. 11 no. 3: 666-668 Mr '66.

MERCURY ORES

(see also subdivision under Donets Basin)
Some general characteristics of the occurrence of mercury. V. E. Polarkov, Vest. AN Kazakh SSR 22 no. 2 13-23 F '66.

MERCURY ORGANIC COMPOUNDS see Organomercury compounds

MERCURY SALTS

Separation of C₆ - C₁₀ n-alkenes from their mixtures with other hydrocarbons by means of mercury salts. E. A. Timofeeva, G. S. Petralova, N. I. Shuklin, Neftekhimika 5 no. 4 579-582 Ji-Ag '65.

MERCOCYANINES

Series of mercocyanines, derivatives of azolones. Part II: Dimethylmerocyanines, derivatives of 2-thiazolidinethion-5-one. R. A. Gerstein, Z. P. Sytnik, E. B. Lifshits, Zhur. org. khim. 2 no. 3 543-551 Mr '66.

MEROMORPHIC FUNCTIONS see Functions, Meromorphic

MESENTERY—INNERVATION

Induced potentials of the associative cerebral cortex following stimulation of mesenteric nerves. S. S. Musialshchikova, Dokl. AN SSSR 166 no. 4: 999-1002 F '66.

MESENTERY—SURGERY

Some problems of the clinical aspect and treatment of patients with acute disorders of mesenteric circulation. V. D. Fedorov, V. O. Kononov, L. N. Ledneva, Khirurgiya 42 no. 3 10-55 Mr '66.

MESENTERY—TUMORS

Case of hemangioma of the mesentery of the small intestine. N. S. Mazchenko, Khirurgiya 42 no. 3 140-141 Mr '66.

MESCHERSKII, NIKITA ALEKSANDROVICH, 1906—
BIBLIOGRAPHY see Bibliography—Mescherskii, Nikita Aleksandrovich, 1906—

MESONS

Control systems for recording high-energy μ -mesons. V. A. Dmitriev, Trudy MINKHIMP no. 56: 67-70 '65.

Cross section of the production of charged π -mesons in (n - p)-collisions at an effective neutron energy of 585 Mev. S. G. Bariladze, P. F. Ermolov, K. O. Oganesian, Plaz. v red. Zhur. eksper. i teoret. fiz. 3 no. 4: 163-180 F '66.

π - π^* diffraction dissociation in the field of heavy nuclei. E. V. Beter, U. G. Gullamov, Izv. AN Uz. SSR Ser. fiz.-mat. nauk 10 no. 1 86-88 '66.

Evaluation of the coupling coefficients for the μ -meson component in the three-dimensional model of an elementary act. V. V. Viskov, L. I. Dorman, Kosm. luch. 7: 197-203 '66.

Interaction of 7.2 Gev. α -mesons with nuclei, accompanied by the emission of fast particles. A. S. Asaovskaya, F. G. Lepekkin, IAD, fiz. 3 no. 3: 487-488 Mr '66.

Neutrino scattering by electrons in W-meson theory. I. U. G. Pavlenko, I. U. P. Ivanov, Izv. vyz. ucheb. zav., fiz. 9 no. 1: 81-84 '66.

Photoproduction of π -mesons on He⁴. A. S. Belousov and others, IAD, fiz. 3 no. 3: 503-510 Mr '66.

Polarization effects in the process of photoproduction of W-meson pairs on a nucleus. A. L. Bolsun, Vest. AN BSSR, Ser. fiz.-mat. nav. no. 1: 134-136 '66.

The pseudoscalar β_5 matrix and the electric dipole moment of a W-meson. A. I. Bolsun, F. I. Fedorov, Vest. AN BSSR, Ser. fiz.-mat. nav. no. 1: 99-106 '66.

SU (8)-symmetry and baryon interaction with mesons and an electromagnetic field. D. V. Volkov, IAD, fiz. 3 no. 3: 526-532 Mr '66.

Testing the C-invariance in processes of the photoproduction of strongly interacting particles. M. P. Rokalo, Plaz. v red. Zhur. eksper. i teoret. fiz. 3 no. 4: 160-163 F '66.

MESONS—CAPTURE

Theory of μ -capture in nuclei. V. M. Novikov, M. G. Urin, IAD, fiz. 3 no. 3: 419-431 Mr '66.

MESONS—DECAY

Decay of baryons and mesons with production of electron-positron pairs in U(12) symmetry. Dao Vong Duc, IAD, fiz. 3 no. 3: 515-548 Mr '66.

Structure of the vortex parts in SU(6) and U(12) symmetries. Nguyen Van Hieu, Pham Quy Tu, IAD, fiz. 3 no. 3: 551-560 Mr '66.

Use of a helium target in determining the spin and parity of multiple-meson resonances. M. S. Dulovikov, Plaz. v red. Zhur. eksper. i teoret. fiz. 3 no. 4: 156-159 F '66.

MESONS—SCATTERING

Radiative pion - nucleon scattering and γ π -interaction. I. U. P. Bulayev, G. M. Radutskii, V. A. Serditskii, IAD, fiz. 3 no. 3: 495-498 Mr '66.

Scattering on a system with small binding energy, and the impulse approximation. M. A. Braun, Vest. LGU 21 no. 4: 11-15 '66.

METABOLISM

Aladenin, A. N. [Physiology of man and animals; textbook for faculties of the natural sciences of pedagogical institutes.] *Fiziologiya cheloveka i zhivotnykh i rastenii*. Frunze, Ilim, 1966. 150 p.

Basic metabolism in chronic leupemia. Z. S. Arkhangol'ska, A. H. Potubotaianova, Fiziol. zhur. [Ukr.] 12 no. 1: 96-101 Ja-F '66.

Device for studying dynamic characteristics of metabolism in continuous cultivation of microorganisms. I. I. Gittel'zon, A. M. Fish, R. I. Chumakova, Mikrobiologiya 34 no. 6: 1088-1091 N-D '65.

Effect of camphor on the carboxydehydrophosphorus and oxidation metabolism of the myocardium in hypoxia. A. S. Smirnov, G. E. Barkovskaya, Farm. i lek. 27 no. 6 703-706 N-D '64.

Kabanov, A. N. [Physiology of man and animals; textbook for faculties of the natural sciences of pedagogical institutes.] *Fiziologiya cheloveka i zhivotnykh, uchebnik dlia fakul'tetov estestvoznaniia pedagogicheskikh institutov*. Izd. 2., ispr. i dop. Moskva, Sveshchenie. Pl. 2. [Internal organs, metabolism, and skin] Vnutrennie organy, obmen veshchestv i koza. 1965. 377 p.

Participation of hormones and the nervous system in the regulation of the activity and synthesis of enzymes in glucone-6-phosphate metabolism and glyconeogenesis. V. S. Il'in, Vop. med. khim. 12 no. 1: 3-23 Ja-F '66.

Regulation of metabolism in the myocardium. S. I. Severin, Vest. AN SSSR 21 no. 4: 3-8 '66.

Some data on the state of metabolism following regular gastrostomy and gastroplasty using the large intestine. G. A. Kataeva, Khirurgiya 42 no. 3: 123-128 Mr '66.

METACIL—THERAPEUTIC USE

Use of metacil in treating radiation rectitis. Emil Slot. Vop. onk. 12 no. 2 34-37 '65.

METAL BONDING

Preparing parts for strong bonding with polymeric coverings. M. Voitiagin, Tekh. v sel'khoz. 26 no. 3 73-74 Mr '66.

Properties and uses of ME-1 adhesives. I. Grun, Z. Kravchuk, L. Butskii, Plant. massy no. 3: 71-73 '66.

METAL CASTINGS

Castings made of the Kh30N2 alloy. V. A. Sintsov, P. S. Mulygin, Lit. protzv. no. 2: 4-5 F '66.

METAL CLEANING

Gas-flux cleaning and cutting-off of steel casting gates. L. D. Veretnik, D. L. Vinogradskii, Svar. protzv. no. 4: 36-37 Ap '66.

METAL CRYSTALS—DEFECTS

Theory of relaxation and creep of distorted metal crystals. V. V. Skorokhod, Porosh. met. 6 no. 3: 54-58 Mr '66.

METAL CRYSTALS—GROWTH

Formation of homelike crystals in an alkali medium. V. D. Ponomarev and others, Izv. vyz. ucheb. zav.; tsvet. met. 9 no. 1: 71-74 '66.

Zirconium diboride grain growth in the sintering process. M. A. Kuznetsov, P. S. Klavt, Porosh. met. 6 no. 1: 11-16 Ja '66.

METAL CUTTING

Balkov, P. P., and K. M. Manenkov. [Diamonds are machining metals.] *Almazny obrabatyvalut metalli*. Odessa, Maika, 1965. 50 p.

Chip-shrinkage ratio. N. P. L'vov, no. 12: 103-105 '65.

Determining the permitted cutting speed in machining parts of ceramic-metal alloys. V. V. Balatskii, Samoizotr. i tekhn. voz. flota no. 1: 139-143 '65.

Effect of stagnation phenomena on the strength of metal-cutting tools. V. F. Kravchenko, Izv. vyz. ucheb. zav.; mashinostr. no. 12: 145-150 '65.

Increasing the productivity of metal cutting. V. A. Zamilan'skii, Samoizotr. i tekhn. voz. flota no. 1: 104-111 '65.

Investigating metal cutting with high rates of deformation. V. F. Uraikov, Izv. vyz. ucheb. zav.; mashinostr. no. 11: 133-138 '65.

METAL CUTTING (Continued)

Investigating the roughness of the machined surface in connection with the wear of cutting tool. L. Sh. Shuster. Stan i instr. 37 no. 2 34-36 F '66.

Investigating three-dimensional deformation of metals machined by a circular self-rotating cutting tool. V. A. Zemlanskii. Samoletost. i tekhn. vozd. flota no. 2 88-103 '65.

Kinematics of machining with circular self-rotating metal-cutting tools. V. A. Zemlanskii. Samoletost. i tekhn. vozd. flota no. 1 112-113 '65.

Machining edges of inclined holes. I. U. P. Gribkov, S. N. Azarkh, L. P. Shnykin. Stan i instr. 37 no. 2 28-29 F '66.

Problems in a further development of the science of metal (solids) cutting. V. P. Kosharovskii. Samoletost. i tekhn. vozd. flota no. 1 93-103 '65.

Rational parameters of the electrical drives of the guide mechanisms of high-accuracy metal cutting machines. K. I. Kozhevnikov. Izv. vys. ucheb. zav.; elektromekh. 9 no. 2 160-180 '66.

METAL CUTTING—STUDY AND TEACHING

Comparative analysis of metal-cutting skills. Z. Aifet'eva. Plof.-tekh. obr. 23 no. 3 12-13 F '66.
Some methodological principles of vocational training. I. N. Larov, N. T. Mal'ina. Shkola i proizv. 10 no. 3 9-14 Mr '66.

METAL-CUTTING TOOLS

Cash-iron charging laps. I. U. G. Piskunov, I. S. Ryzhov. Stan i instr. 37 no. 2 40-42 F '66.

Cutting tools with small baffle plates. G. S. Popov, B. N. Suvorov. Stan i instr. 37 no. 2 38 F '66.

Diamond machining of hard-alloy plates for hobbing-cutter teeth. I. P. Zakharenko and others. Mashinostroitel' no. 3 28-29 Mr '65.

Discontinuous disk cutters with seal teeth. M. I. Kiselev. Vest. mashinostr. 48 no. 2 72-74 F '66.

Increasing the strength of hobbing module cutters. A. I. Nikishov. Samoletost. i tekhn. vozd. flota no. 2 112-113 '65.

Wear and durability of circular self-rotating cutting tools. I. U. F. Granin. Samoletost. i tekhn. vozd. flota no. 2 108-111 '65.

METAL-CUTTING TOOLS—TECHNOLOGICAL INNOVATIONS

see subdivision under Voronezh

METAL-CUTTING TOOLS—TESTING

Experimental investigation of the changes in the thermal state of a cutting tool caused by the development of its wear on the back surface. A. A. Telegin. Samoletost. i tekhn. vozd. flota no. 3 92-96 '65.

Wear of circular self-rotating cutting tools as a function of the path of edge in the machined material. V. A. Zemlanskii. Samoletost. i tekhn. vozd. flota no. 3 85-91 '65.

METAL INDUSTRIES

see subdivision under Moscow

METAL INDUSTRIES—MANAGEMENT

see subdivision under Uzbekistan

METAL IONS

Products of interaction between active silica and metal ions in ammonia solutions. M. I. Bulatov, V. B. Aleksovskii, Zhur. prikl. khim. 39 no. 2 284-288 F '66.

Temperature effect on the reduction potentials of certain metal ions on a gallium electrode. I. G. Vasil'eva, A. I. Zebrev. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 3 33-38 Ji-S '64.

METAL POWDER PRODUCTS

Results of the introduction of mechanized hard facing using internally protected powder wires. A. V. Bystrov, G. F. Rybochkin, A. K. Krasulina. Avtom. svar. 10 no. 1 84-85 Ja '66.

Semiautomatic welding of building structures with powder wire. Z. N. Barakovskii. Svar. proizv. no. 3 43-44 Mr '66.

Studying the annealing of ceramic metal bushings in conditions of a continuous process. V. I. Blagin, P. F. Zhukova, A. R. Komarov. Porosh. met. 6 no. 1 76-80 Ja '66.

METAL POWDERS

Investigating the permeability to gas of porous materials. A. P. Dubrovskii, P. A. Isaev. Porosh. met. 6 no. 1 48-49 Ja '66.

Photo-sedimentometer for the rapid determination of dispersivity of powder materials. V. M. Chagorian and others. Porosh. met. 6 no. 1 55-61 Ja '66.

METAL POWDERS—TESTING

Effect of spheroidization on the structure and properties of powder. O. F. Tikhonov, L. A. Pyralov, M. M. Chertok. Porosh. met. 6 no. 3 7-13 Mr '66.

METAL SPRAYING

Forces determining the cohesion of plasma coatings with the base. A. P. Epik, S. I. Sharikov, E. A. Astakhov. Porosh. met. 6 no. 3 48-53 Mr '66.

METALLIC FILMS

Effect of the conditions of preparation of thin films of zinc telluride on their electric properties. K. V. Shalimova, I. Spynulescu, N. V. Prokova. Izv. vys. ucheb. zav.; fiz. 0 no. 1 130-141 '66.

Relation between the strength and conditions of preparation of Cu and Al vacuum condensates. L. S. Palatnik and others. Izv. vys. ucheb. zav.; fiz. 9 no. 1 122-128 '66.
Transient radiation of nonrelativistic electrons in thin aluminum films. F. R. Arutunian, Zh. V. Petrosian, R. A. Oganesian. Fiz. v red. Zhur. eksperi. i teoret. fiz. 3 no. 5 193-197 Mr '66.

METALLIC FILMS—OPTICAL PROPERTIES

Optical properties of thin layers of various materials in the vacuum ultraviolet region of the spectrum. V. M. Novikov. Opt.-mekh. prom. 33 no. 3 38-45 Kh '66.

METALLIC FILMS—THERMAL PROPERTIES

New experimental data on thin superconducting films. E. G. Maksimov. Usp. fiz. nauk 88 no. 3 587-588 Mr '66.

METALLIC FILMS—WELDING

Equipment for welding films. I. Kietov. Tekh. v sel'khoz. 26 no. 2 87-88 F '66.

METALLIC OXIDES

Characteristics of the behavior of pure oxides during hot extrusion. R. L. Pevzner, F. I. A. Kharitonov, Ognepromy 31 no. 2 38-42 '66.

Oxidation of ammonia on metal oxides. N. M. Morozov, L. I. Luk'ianova, M. I. Temkin. Khim. i kat. 7 no. 1 172-175 Ja-F '66.

Shapes of the electrocapillary curves of cast irons and steels in contact with molten oxides. A. A. Deriabina, S. I. Popel'. Elektrokhimia 2 no. 3 295-302 Mr '66.

Strength of ceramics of pure oxides. M. A. Matveev, G. M. Matveev, F. I. A. Kharitonov. Izv. AN SSSR Neorg. mat. 2 no. 2 395-402 F '66.

METALLO-ORGANIC COMPOUNDS

see Organometallic compounds

METALLURGICAL ANALYSIS

Phase equilibrium and the distribution of elements in the system Fe - O - Al. L. A. Novokhvatik, B. F. Belov. Izv. AN SSSR, Mat. no. 1 30-48 Ja-F '66.

METALLURGICAL ANALYSIS—CONGRESSES

Second scientific technological conference of workers in plant laboratories of metallurgical enterprises for light alloys. F. L. Lokshin. TSvet. met. 39 no. 1 68-69 Ja '66.

METALLURGICAL FURNACES

Conditions of invariance in regulating the pressure in furnaces. P. G. Baranovskii. Izv. vys. ucheb. zav.; Chern. met. 9 no. 2 152-158 '66.

Some characteristics of external heat exchange in flame furnaces for nonscale heating operating on natural gas. V. N. Kostikov, A. E. Erinov. Gaz. prom. 11 no. 2 41-45 '66.

Using the zonal method to calculate the radiant heat exchange in combustion chambers. I. U. A. Surinov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 3 179-185 '66.

METALLURGICAL FURNACES—DESIGN AND CONSTRUCTION

Design diagram of vertical multichamber fluidization furnaces. I. A. Ruzhaninov and others. TSvet. met. 39 no. 1 60-65 Ja '66.

Double burners of heating and heat-treating furnaces. V. L. Gusovskii, A. E. Lifshits, V. M. Tymchuk. Stal' 26 no. 3 273-276 Mr '66.

Efficient direction for the elimination of disproportions in the conversion of reduction roiling in operating metallurgical plants. I. G. Mikhailov, N. S. Sachko, I. U. F. Funtov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 2 188-191 '66.

Mastering the technology of sinter production in a furnace with a sintering surface of 253 m². A. E. Lebedev and others. Stal' 26 no. 2 101-107 F '66.

Sintering in furnaces with additional top heating. V. A. Bashkov and others. Stal' 26 no. 2 107-108 F '66.

METALLURGICAL FURNACES—EQUIPMENT AND SUPPLIES

Mykol'nikov, A. A., R. I. Shtundel', and A. N. Batalov. [Castings for metallurgical equipment] Otkrit dlia metallurgicheskogo oborudovaniia. Moskva, Mashinostroenie, 1966. 69 p.

METALLURGICAL FURNACES—MAINTENANCE AND REPAIR

Ermakov, P. D. [Safety measures in the repair of furnace flues] Okhrana truda pri remonte dymovykh trub. [Moskva] Metallurgiya, 1966. 96 p. (Biblioteka po okhrane truda v metallurgii)

METALLURGICAL PLANTS

Use of secondary power resources in nonferrous metallurgy enterprises. I. U. A. Bykhovskii. Prom. energ. 21 no. 3 2-8 Mr '66.

METALLURGICAL PLANTS—LIGHTING

Automatic control of the lighting of shops in metallurgical plants. A. N. Lebed'. Mekh. i avtom. molozv. 20 no. 2 1-2 F '66.

METALLURGICAL RESEARCH

In the front lines of the struggle for technical progress. A. P. Rudnev. TSvet. met. 39 no. 2 1-4 F '66.

Results of the Fourth All-Union Congress of the Scientific Technological Society for the ferrous industry. Otkrytoye 31 no. 2 5-8 '66.

METALLURGY

Moskovskii institut elektronnoy mashinostroeniia. [Introductory lecture to the course "Technology of metals and nonmetallic materials"] Vychislitel'naia tekhnika kursa "Tekhnologiya metallov i nemetallicheskikh materialov." Moskva, 1965. 14 p.

METALLURGY—DICTIONARIES

More on the "Metallurgical Encyclopedia." B. G. Dripachenko, G. V. Gediimovich. Metallurgiya 11 no. 2 38-39 F '66.

METALLURGY—ECONOMIC ASPECTS

Questions raised by A. P. Kalinina's article: "Problems of the economic analysis of the industrial activity of ore dressing and metallurgical plants." I. A. Gial'shteyn, R. D. Mal'ina. Izv. vys. ucheb. zav.; teoret. met. 9 no. 1 167-168 '66.

METALLURGY—EXHIBITIONS

Extension of the exhibition. L. Stepanova. Inform. blul. VDNKH no. 1 13 Ap '66.

METALLURGY—HYGIENIC ASPECTS

Shapitel'kii, V. N. [Purification of polluted air in metallurgy] Oshchitka zagrязnennoi vozdukh v metallurgii. [Moskva] Metallurgiya, 1965. 170 p.

METALLURGY—MATHEMATICAL MODELS

Construction of a self-adjusting system for the automatic control of metallurgical processes with retardation. V. A. Ivanov, D. I. Lisovskii, M. R. Shapilovskii. Izv. vys. ucheb. zav.; teoret. met. 9 no. 1 161-168 '66.

METALLURGY—TECHNOLOGICAL INNOVATIONS

Fourth Congress of the Scientific and Technical Society of the Iron and Steel Industry. V. Ermoleva. Koka i khim. no. 2 81-82 '66.

METALS

Effect of molybdenum, niobium, and tungsten on the structure and properties of nitrogen-containing austenitic-chromium-manganese steels. F. N. Tavandze, V. A. Pirskhalalashvili, N. L. Khutsishvili. Soob. AN Gruz. SSR 41 no. 1 121-126 Ja '66.

Electro-optical method of determining the thickness of transparent polymeric films on metals. I. L. Rozensfeld, E. K. Oshe, A. G. Akimov. Lakokras. mat. i kh. prom. no. 1 66-68 '66.

Metal polymers on the basis of epoxide resin and colloidal copper. E. M. Natanson, I. U. I. Khimchenko, V. A. Kompanets. Dokl. AN SSSR 167 no. 1 128-131 Mr '66.

Metals in space. N. Mozenin. Metallurgiya 11 no. 2 39 F '66.

New rapid method of evaluating the protective properties of polymeric coatings on metals in corrosive media. E. M. Sokolova and others. Lakokras. mat. i kh. prom. no. 1 83-85 '66.

Properties of metals of the side element groups in the D. I. Mendeleev periodic system. G. G. Digenov, A. P. Nadozhkii. Trudy IPI no. 21 3-126 '64.

Samplavskaya, K. K., and A. I. Maier. [General properties of metals] Obshchie svoystva metallov. Moskva, Mosk. khimiko-tekhnologicheskii in-t, 1964. 26 p.

[MICROFILM]

Thixotropic phosphating aqueous priming compositions for application on rusted metallic surfaces. I. S. Okhishchenko, V. V. Verkhovantsev. Lakokras. mat. i kh. prom. no. 1 23-25 '66.

METALS—ANALYSIS

Sorption of metals by the activated carbon SKT from acetate solutions. I. A. Kuzin and others. Zhur. prikl. khim. 39 no. 2 360-362 F '66.

METALS—BRITTLENESS

Brittle fractures of weld joints. O. A. Bakshi, R. Z. Shron. Avtom. svar. 10 no. 2 20-24 F '66.

METALS—ELASTIC PROPERTIES

Calculation of the elastic and strength characteristics of anisotropic metals. I. A. B. Fridman, P. G. Mikhaev. Dokl. AN SSSR 167 no. 1 80-83 Mr '66.

METALS—FATIGUE

Theoretical distribution of fatigue life. G. V. Druzhinin. Mashinovedenie no. 2 63-67 '66.

METALS—FRACTURE

Balezin, S. A. [Why and how does metal failure occur? a manual for students] Otchego i kak razrushatsia metally; pochie dlia uchashchikhsia. Izd. 2, dop. Moskva, Prosveshchenie, 1965. 166 p.

METALS—HARDENING

Nature of metal hardening during thermomechanical treatment. I. A. Odling, P. V. Zhabrov. Izv. AN SSSR, Met., no. 1, 113-118 Ja-F '66.

METALS—HEAT TREATMENT—BIBLIOGRAPHY see Bibliography—Metals—Heat treatment

METALS—HYDROGEN CONTENT

Hydrogen brittleness of metals with a face-centered cubic lattice. K. V. Popov, E. P. Nechal. Izv. AN SSSR, Met., no. 1, 172-177 Ja-F '66.

Solubility of hydrogen in liquid alloys. B. P. Burylov, Zhur., prikl. khim., 39 no. 2, 460-462 F '66.

METALS—PICKLING

Local processes of dimensional pickling. A. P. Anisimov, Vest. mashinost., 48 no. 3, 61-62 Mr '66.

METALS—QUENCHING

Using a heat probe of prismatic shape to determine the cooling capacity of quenching media. D. V. Dudrin, E. L. Sukhanov, V. M. Kondratov. Izv. vys. ucheb. zav.; Chern. met., 9 no. 2, 134-139 '66.

METALS—TESTING

New scales of sulfurous inclusions for determining the quality of metals. M. P. Braun and others. Standartizatsia 29 no. 12, 54-55 D '65.

Problem of the generalized relationship between stress, deformation and temperature in case of a plastic metal yield. I. U. T. Kondratov, Samoletost. i tekhn. vozd. flota no. 4, 132-137 '65.

METALS—THERMAL PROPERTIES

Measuring temperatures at high-speed plastic deformation of metals. V. P. Urakov. Izv. vys. ucheb. zav.; mashinost., no. 1, 175-178 '66.

METALS, EFFECT OF TEMPERATURE ON

Objective evaluation of changes in the structure and properties of metals under the effect of heating and deformation. M. Kh. Rabinovich, Kuz.-sitam. prozv., 8 no. 2, 8-11 F '66.

METALS, RARE AND MINOR see subdivision under Karamazar Mountains; Kazakhstan; Ural Mountains

METALS, RARE AND MINOR—ANALYSIS

Savvin, S. B. [Aisenazo III; methods for the photometric determination of rare and actinide elements] Aisenazo III; metody fotometricheskogo opredeleniia redkikh i aktinidnykh elementov. Moskva, Atomizdat, 1966, 255 p.

METALS AT LOW TEMPERATURES

Investigating regularities of changes in impact toughness of certain ceramic metals at low temperatures. I. M. Storozhevskii, N. A. Filatova. Porosh. met., 6 no. 1, 62-68 Ja '66.

Mechanical properties of the E182 alloy at low temperatures. D. B. Lebedev and others. Metalloved. i term. obr. mat., no. 3, 84-85 Mr '66.

Strength under the effect of flexure of iron and copper base ceramic metal materials in the low-temperature range. I. M. Storozhevskii, N. A. Filatova. Porosh. met., 6 no. 2, 63-68 F '66.

Studying the strength and plasticity of ceramic metal under tension at low temperatures. V. N. Rudenko, I. M. Storozhevskii. Porosh. met., 6 no. 3, 96-99 Mr '66.

METALS IN THE BODY

Methodology of determining potassium and sodium in biological body fluids by flame photometry. S. K. Salimov, B. A. Agaeov. Azerb. med. zhur., 43 no. 2, 26-30 F '66.

METALWORK

Considering the effect of the rate of deformation in hot working of metals by pressure. G. A. Bagliov. Samoletost. i tekhn. vozd. flota no. 1, 70-79 '65.

Improved metalworking method. B. I. Morozov. Energomashinostroyeniye 12 no. 2, 33-35 F '66.

Machining shaped surfaces of parts of a rotary internal combustion engine. N. I. Kormilov. Samoletost. i tekhn. vozd. flota no. 2, 118-122 '65.

Using the equilibrium equation and plasticity conditions to solve problems of metalworking by pressure. V. S. Smirnov, A. K. Grigor'ev. Izv. AN SSSR, Met., no. 1, 110-125 Ja-F '66.

METALWORKERS—EDUCATION AND TRAINING

Economic efficiency of metalworker training. V. Stapanov, I. U. Gribovskii, G. Ivanov. Prof.-tekhn. obr., 23 no. 3, 30-31 Mr '66.

Let's study economies with the aid of concise examples. F. D. Strugov. Sred. spets. obr., 13 no. 2, 10 F '66.

New students have arrived. M. Buchkin. Prof.-tekhn. obr., 23 no. 3, 27-28 Mr '66.

METALWORKING LUBRICANTS

New technological lubricants for drawing tubes of aluminum and its alloys. V. I. A. Shapiro and others. Tsvot. met., 39 no. 1, 72-75 Ja '66.

Studying the process of high-speed cold rolling of low-carbon sheet steel with various technological lubricants. D. I. Starchenko and others. Stal' 26 no. 2, 151-155 F '66.

METALWORKING MACHINERY

System for turning steam turbine hulls. K. S. Chepelo. Inzhenernoshinostnoye 12 no. 2, 38-39 F '66.

METALWORKING MACHINERY—DESIGN AND CONSTRUCTION

Determining the optimum sliding of a flywheel electric drive of metal-working machines. B. S. Kiriilov. Izv. vys. ucheb. zav.; Chern. met., 9 no. 2, 181-187 '66.

METAMORPHISM (GEOLOGY)

(see also subdivision under Carpathian Mountains; Uraly Range)

Some characteristics of wallrock changes in the Dzhezkazgan deposit. V. A. Kim, G. S. Safargaliev. Vest. AN Kazakh. SSR 22 no. 2, 51-60 F '66.

METAMORPHOSIS

Asexual reproduction of the ascidian *Diplaplia uliginosa*. Report No. 2; Budding in the stages of metamorphosis. O. M. Ivanova-Kazas. Vest. LGU 21 no. 3, 45-58 '66.

METASOMATISM

(see also subdivision under Kazakhstan, Krivoy Rog Basin)

Volume changes in metasomatism. I. F. Romanovich. Biul. MOIP Otd. geol., 41 no. 1, 113-115 Ja-F '66.

METASTASIS

Anatomical substantiation of lymphogenic metastasizing of cancer of the rectum. E. N. Oleneva. Vop. onk., 12 no. 3, 32-36 '66.

Importance of large-photograph fluorography of the bones in the detection of metastases of malignant tumors. M. A. Aliev. Azerb. med. zhur., 12 no. 1, 53-55 N '65.

Intraleptatic system of the portal vein in secondary (metastatic) cancer. E. A. Livshits, Sbor. nauch. rab. vichel. Kur. ASSR no. 4, 172-174 '62.

Scanning method in the diagnosis of metastatic tumors of the liver. G. A. Zubovskii. Med. rad. 11 no. 2, 51-57 F '66.

Use of lymphography in preoperative detection of metastases in cancer of the rectum. S. N. Fain, B. I. A. Luk'ianchenko. Khirurgia 12 no. 3, 80-92 M '66.

METAZIDE

Informal method for the treatment of experimental tuberculosis with streptomycin only and streptomycin combined with methazide. O. O. Makeeva, G. N. Pershin. Probl. tub., no. 5, 71-75 '65.

METEORITES

(see also subdivision under Podkamennaya Tunguska Valley)

Activation determination of Co, Eu, Sr, Ba, U, and P in the dark and light varieties of the Kunashak and Pervomayskiy Poselok chondrites. A. K. Iayrukhina and others. Geokhimiya no. 3, 281-290 Mr '66.

Chemical fractionation in the silicate phase of meteorites. A. A. Iavnel'. Geokhimiya no. 3, 201-209 Mr '66.

Meteorites and the problem of extraterrestrial life. A. A. Imshenetskiy. Vest. AN SSSR 36 no. 1, 130-45 Ja '66.

METEOROLOGICAL OPTICS

Aureole part of the scattering function in the surface boundary layer. I. U. S. Likhovtseva, G. V. Rozenberg. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 3, 248-262 Mr '66.

In the Astronomical Council, plenums of Commissions. N. B. Divaev, V. N. Obridko. Vest. AN SSSR 36 no. 2, 154-159 F '66.

METEOROLOGICAL PHOTOGRAPHY

Processing of microphotographs of cloud droplets by correlation analysis. S. S. Khimelevskiy, G. S. Grishakov. Izv. vys. ucheb. zav.; fiz., 9 no. 1, 20-28 '66.

METEOROLOGICAL RESEARCH see subdivision under Antarctic regions

METEOROLOGICAL SATELLITES

Interpretation and meteorological use of satellite information. I. P. Yelov. Meteor. i gidrol. no. 4, 41-44 Ap '66.

Kinto, A. A. [Methods of studying the atmosphere with the use of rockets and satellites] Metody issledovaniia atmosfery s ispol'zovaniem raket i sputnikov. Leningrad, Gidrometeoizdat, 1966, 365 p.

Lunar meteorological observatory. K. I. A. Kondrat'ev and others. Zem. i vesol., 2 no. 1, 27-32 Ja-F '66.

Use of television observations of meteorological satellites in synoptic analysis at the Central Institute of Forecasting. L. S. Minina. Meteor. i gidrol. no. 4, 45-48 Ap '66.

METEOROLOGICAL STATIONS

Lunar meteorological observatory. K. I. A. Kondrat'ev and others. Zem. i vesol., 2 no. 1, 27-32 Ja-F '66.

METEOROLOGY

(see also subdivision under Krasnoye Lake region, Leningrad Province, Pacific Ocean)

Dependence of the variation of meteorological elements on the circulation conditions. L. A. Volokhina, E. I. Denidova, N. A. Maklakova. Trudy TSO no. 62, 78-96 '65.

Dmitriyev, A. A. [Dynamic meteorology; a syllabus of lectures] Dinamicheskaya meteorologiya; konspekt lektsii. Moskva, Mos. gos. univ.

Pt. 1. [Kinematics and dynamics of an ideal atmosphere without friction] Kinetika i dinamika ideal'noi atmosfery bez treniya. 1965, 122 p.

Gandin, L. B. [Atmospheric processes on a large scale and problems of a station network] Atmosfernye protsessy krupnogo masshtaba i problemy seti stanits. Moskva, Akad. nauk SSSR, 1965, 23 p. (Meridunarodnyy simpozium po dinamike krupnomasshtabnykh atmosfernykh protsessov)

Study of the variation of meteorological elements with distance. V. D. Reshetov. Trudy TSO no. 62, 3-25 '65.

Variation of meteorological elements in time. V. D. Reshetov. Trudy TSO no. 62, 26-77 '65.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—CHARTS, DIAGRAMS, ETC

Automatic drawing of isolines on maps of meteorological fields. D. A. Nizhnikov, A. N. Bagrov. Meteor. i gidrol., no. 3, 10-17 M '66.

Charts of the divergence and vorticity of the resulting wind speed over the Indian Ocean. I. U. A. Romanov. Trudy Inst. okean., 78, 110-127 '65.

Influence of the averaging scale on the magnitude of divergence of wind speed. N. A. Romanova, I. U. A. Romanov. Trudy Inst. okean., 78, 111-118 '65.

Objective analysis of atmospheric fronts on a surface weather chart. E. I. Kostyalachenko. Meteor. i gidrol., no. 3, 37-40 M '66.

METEOROLOGY—TABLES, ETC.

Moscow. Nauchno-issledovatel'skii institut aeroklimatologii. [Mean monthly aerological data at solaric surfaces, 1950-1959, according to the basic station network of the U.S.S.R.] Srednie meslatsnyye aerologicheskie daniye na izobrazhcheskikh poverkhnostnykh, 1950-1959 g. g. po opornoi seti stantsii SSSR. Moskva, 1964, 19 p.

METEOROLOGY, AGRICULTURAL

(see also subdivision under Kazakhstan; Siberia, Western Soviet Central Asia)

Aerovisual observations of the state of grain crops. G. I. Borisoglobovskii. Meteor. i gidrol., no. 3, 54-55 Mr '66.

Influence of terrain exposure on the temperature regime and moisture of the air and soil in grape-growing regions. N. M. Chernykh. Sbor. rab. Kuz. sk. gidromet. obsel., no. 3, 38-41 '66.

METEOROLOGY IN AERONAUTICS

From recording to creative work. L. A. Vanten. Vest. protivovozd. obr., no. 10, 29-31 O '66.

Weather reconnaissance and flight safety. P. Sadovnichenko. Av. i kosm., 44 no. 5, 50-53 '62.

METEORS

Influence of meteor streams on the electric field of the atmosphere. A. I. Gorchkov and others. Izv. AN SSSR Fiz. atm. i okeana 2 no. 3, 316-319 Mr '66.

Initial radius of a gaseous meteor trail. A. P. Savrukhn. Izv. AN Turk. SSR. Ser. fiz.-tekhn. i khim. i geol. nauk no. 6, 124-125 '65.

METHACRYLIC ACID

Catalytic copolymerization of methyl methacrylate with polyester methacrylate from ω -hydroxybenzoic acid. G. T. Gurgendze. Sborn. AN Gruz. SSR 41 no. 1, 61-65 Ja '66.

Comparative study of solutions of atactic and partially isotactic polymethylacrylate in benzene. E. A. Bekturov, S. V. Bozova, E. G. Davydova. Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no. 4, 32-27 O-D '64.

Methacrylation of (chloromethyl) ethoxyallene in the presence of catalytic amounts of acids. K. A. Andrianov, A. K. Dabagova, M. I. Golova. Izv. AN SSSR. Ser. khim. no. 2, 257-262 '66.

Methyl methacrylate polymerization photosensitized by oxides. A. A. Kachan, V. A. Shrubovitch. Ukr. khim. zhur., 32 no. 1, 105-106 '65.

Solubility in the system methacrylic acid - methyl methacrylate - methanol - water. A. F. Frolov, M. A. Lognova, B. F. Ustavshchikov. Zhur. ob. khim., 36 no. 2, 160-164 F '66.

Spectropolarimetric method of studying the structure of (-)-methyl methacrylate polymers. E. I. Kiabunovskii, M. I. Shvartman, I. I. Petrov. Izv. AN SSSR. Ser. khim., no. 2, 223-228 '66.

Use of methacrylate in stable histological preparations for fluorescence microscopy. I. U. V. Golikov. Arkh. anat., gist. i embri., 50 no. 1, 75 Ja '66.

MICROWAVES (Continued)

Beam theory of open cavity resonators and wave guides with oscillations limited by caustic surfaces. V. P. Bykov. Radiotekhnika i elektronika. 11 no. 3:477-487 Mr '66.

Calculation of the coefficient of coupling and depression of a ribbon helix with interaction of the electron stream with the field of one of the spatial harmonics. L. N. Loshakova, L. B. Ol'derogge. Radiotekhnika i elektronika. 11 no. 3:503-513 Mr '66.

Calculation of the natural frequencies of a fully-symmetrical cavity resonator and the critical wave-lengths of regular wave guides. V. M. Davchenkov, V. S. N'ina, I. U. N. Navi otstava. Radiotekhnika i elektronika. 11 no. 3:471-476 Mr '66.

Characteristics equation of a delay system with periodic structure and electron flow. L. N. Loshakova. Radiotekhnika i elektronika. 11 no. 3:495-502 Mr '66.

Chebyshevian distribution of current for a plane lattice of radiators. E. V. Baklanov. Radiotekhnika i elektronika. 11 no. 3:740-748 Ap '66.

Choice of a cavity resonator and the radius of a sphere in measuring the tensor susceptibility of ferrites. E. I. Rodionov, S. G. Mandak. Radiotekhnika i elektronika. 11 no. 4:694-698 Ap '66.

Determining the density distribution in a plasma from the refraction of a microwave beam. A. A. Dushin and others. Zhur. tekhn. fiz. 36 no. 2:304-312 F '66.

Deviation of the frequency of oscillations of generators with double-loop delayed feedback. V. A. Malyshev. Radiotekhnika i elektronika. 11 no. 4:763-765 Ap '66.

Effect of sectionalization on the saturation power of a travelling-wave tube with rather large values of the space charge parameter. A. I. Denisov. Radiotekhnika i elektronika. 11 no. 4:721-730 Ap '66.

Effect of the external constants of electric and magnetic fields applied to a beam of active molecules out of a resonator on the frequency of oscillations of a maser. G. M. Stakholovskii, V. M. Tatarsenkov, P. S. Shumlatkii. Radiotekhnika i elektronika. 11 no. 1:510-523 Mr '66.

Effect of the irregularity of the radiation of molecules on the frequency of oscillations of a maser. V. N. Moizov, A. N. Orlovskii. Radiotekhnika i elektronika. 11 no. 3:514-516 Mr '66.

Excitation of a delay system by a sequence of ideally focused electron coagulates. N. M. Sovetov. Radiotekhnika i elektronika. 11 no. 3:556-558 Mr '66.

Features of parametric amplification of axially-non-uniform systems with centrifugal-electrostatic focusing. A. A. Kuvshinov. Radiotekhnika i elektronika. 11 no. 3:553-555 Mr '66.

Guliev, N. A. [Radio waveguides, cavity resonators, and microwave antennas] Radiotekhnika i elektronika. 11 no. 3:553-555 Mr '66. [Radio waveguides, cavity resonators, and microwave antennas] Radiotekhnika i elektronika. 11 no. 3:553-555 Mr '66.

Maximum concentration of energy by a round dielectric waveguide. V. F. Viatyshev, A. S. Belanov. Radiotekhnika i elektronika. 11 no. 4:748-750 Ap '66.

Mutual conductivity of half-wave slots on a conductive cylinder. B. A. Panchenko. Radiotekhnika i elektronika. 11 no. 4:754-757 Ap '66.

Nonlinear theory of travelling-wave amplifiers with n-type conductivity. I. U. P. Voloshchenko, V. A. Malyshev. Radiotekhnika i elektronika. 11 no. 4:690-708 Ap '66.

Nonlinear transmission line with distributed parameters using a p-n junction. V. N. Shabunov, V. A. Tolomayev. Radiotekhnika i elektronika. 11 no. 4:772-773 Ap '66.

Nonuniformities of rectangular waveguides. Higher order waves. V. P. Shestopalov, V. V. Shechenko. Radiotekhnika i elektronika. 11 no. 4:675-683 Ap '66.

Open cavity resonators and lines with components in the form of cones and truncated cones. N. N. Volkovich. Radiotekhnika i elektronika. 11 no. 3:488-494 Mr '66.

Oscillations of a cavity resonator in the zone of instability near the focal point. V. S. Averbakh. Radiotekhnika i elektronika. 11 no. 4:757-759 Ap '66.

Problem of phase relationships during amplification in an active medium. M. E. Gertsenshtein, M. F. Bakharava. Radiotekhnika i elektronika. 11 no. 3:526-531 Mr '66.

Quasilinear n-type conductivity of quantum devices. V. A. Malyshev. Radiotekhnika i elektronika. 11 no. 4:707-709 Ap '66.

Samaonov, D. E. [Principles of the design and construction of multicavity magnetrons; resonator systems] Osnovy rascheta i konstruirovaniia mnogorezonatornykh magnetronov; rezonatornye sistemy. Pod red. S. E. Temkina. Moskva, Sovetskoe radio, 1966. 223 p.

Shaping of trefoil electron beams in systems with "long" optics. V. A. Flagin, T. B. Pankratova. Radiotekhnika i elektronika. 11 no. 4:731-740 Ap '66.

Smirnov, M. S. [Low-noise microwave amplifiers] Maloshumashchito usiliteli SVCh. Moskva, Voenizdat, 1966. 150 p.

Symmetry of distributed nonuniform single-layer RC structures. V. V. Galitskii. Radiotekhnika i elektronika. 11 no. 3:548-550 Mr '66.

Transient processes during phase switching in a three-positional parametric trigger. E. S. Voronin, I. A. IAnat. Radiotekhnika i elektronika. 11 no. 4:770-772 Ap '66.

Transient processes in distributed systems with discrete nonuniformities. L. A. Morugin. Trudy GPI. 20 no. 2:17-20 '64.

MICROWAVES—MEASUREMENT

Determination of a wave length by measuring the angle of incidence on a plane metal grating in sliding of the n-th harmonic. A. I. Adolina, A. M. Andrusenko, Zhur. tekhn. fiz. 36 no. 1:101-105 Ja '66.

MICROWAVES—PHYSIOLOGICAL EFFECT

Changes in the conditioned response activity of animals subjected to the action of microwaves with different frequency bands. E. A. Lobanova. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:13-19 '64.

Comparative evaluation of the action of microwaves with different frequency bands on the nervous system of rats, sensitive to an acoustic stimulus. I. A. Kitsovskaya. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:39-42 '64.

Comparative morphological characteristics of the action of microwaves with different frequency bands. M. S. Tol'skaya, Z. V. Gordon. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:80-88 '64.

Effect of microwaves on the blood pressure level in laboratory animals. Z. V. Gordon. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:57-60 '64.

Histological changes in the organs of white rats subjected to a chronic action of high frequency electromagnetic fields. M. S. Tol'skaya, K. V. Nikonova. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:80-83 '64.

Study of the cholinesterase activity in the blood serum and organs of animals following chronic action of microwaves. S. V. Nikogosian. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:43-48 '64.

Study of the temperature reaction of animals exposed to microwaves with different frequency bands. E. A. Lobanova. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:76-77 '64.

MIDDENDORF, ALEKSANDR FEDOROVICH, 1816-1894 Aleksandr Fedorovich Middendorf as explorer and his scientific Weltanschauung. P. B. I. U. Genson. Blat. MOIP Otd. biol. 71 no. 1:142-148 Ja-F '66.

MIDDLE AGES

Some problems of peasant ideology in the Middle Ages. E. V. Gutnova. Vop. ist. 41 no. 4:52-71 Ap '66.

MIDDLE URAL ECONOMIC REGION—CONSTRUCTION EQUIPMENT

In an economic region. L. Cherniavskii. Ekon. stroi. no. 8:10-11 Ag '61.

MIDDLE URAL ECONOMIC REGION—INDUSTRIAL PROCUREMENT

In an economic region. L. Cherniavskii. Ekon. stroi. no. 8:40-44 Ag '64.

MIGMATITES see subdivision under Big Valley

MIKHAILOV, KONSTANTIN ALEKSANDROVICH, 1896-Konstantin Aleksandrovich Mikhailov. Qldr. i mei. 18 no. 1:83 Ja '66.

MIKHAILOV, MIKHAIL SEMENOVICH, 1896-Mikhail Semenovich Mikhailov on his seventieth birthday. A. N. Kononov. Nar. Ar. i Afr. no. 2:226-230 '66.

MIKHAILOV, MIKHAIL SEMENOVICH, 1896—BIBLIOGRAPHY see Bibliography—Mikhailov, Mikhail Semenovich, 1896-

MIKLOSICH, FRANZ, 1813-1891 Letters written by F. Miklosich to I. I. Sroznovskii. A. I. Kuz'mina. Izv. AN SSSR. Ser. lit. i iaz. 25 no. 1:51-56 Ja-F '66.

MILDEW

New fungicides for controlling powdery mildew and mildew of apple. I. U. A. Grubman. Trudy AzSTAZRa 2:19-22 '64.

Studying the biology of the agent of apple powdery mildew in Azerbaijan. S. G. Abdullayev, I. U. A. Grubman. Trudy AzSTAZRa 2:70-83 '64.

MILIOIDAE, FOSSIL see subdivision under Etrian region

MILITARISM see subdivision under Germany, West; South Africa, Republic of

MILITARY AERONAUTICS see Aeronautics, Military

MILITARY AIR DEFENSES see Air defenses, Military

MILITARY ART AND SCIENCE

Stokov, A. A., ed. [History of the art of war] Istoriia voennogo iskusstva. Moskva, Voenizdat, 1966. 654 p. (Biblioteka ofitsera)

MILITARY ART AND SCIENCE—PERIODICALS A faithful weapon. Ferenc Hegedus. Sov. voen. 48 no. 7:11 Ap '66.

MILITARY ART AND SCIENCE—STUDY AND TEACHING

Audience participation in military science work. V. G. Dulgovodov, A. G. Malinovskii. Vest. protivovozd. obor. no. 10:41-13 O '65.

MILITARY ASSISTANCE, AMERICAN see subdivision under Spain

MILITARY ASSISTANCE, RUSSIAN see subdivision under Algeria

MILITARY DISCIPLINE

But the conditions are equal... A. M. Vilesov, I. P. Lysyi. Vest. protivovozd. obor. no. 1:16-21 Ja '66.

The highest honor. B. Nuvakhov. Komm. Vooruzh. Sil. 47 no. 8:52-66 Mr '66.

In the interests of strengthening discipline. A. V. Borovkov. Vest. protivovozd. obor. no. 10:8-11 O '65.

Moral factor and how it can be developed. I. Seleznev. Komm. Vooruzh. Sil. 47 no. 8:66-73 Mr '66.

Russia (1923- U.S.S.R.) Ministerstvo oborony. [Disciplinary regulations of the Armed Forces of the U.S.S.R.] Disziplinarnyi ustav Vooruzhennykh Sil Soluzn SSSR. Moskva, Voenizdat, 1960. 47 p.

MILITARY EDUCATION (see also subdivision under Kharkov)

Communiates are at the forefront. I. Zybinskii. Komm. Vooruzh. Sil. 47 no. 7:13-45 Ap '66.

Moral factor and how it can be developed. I. Seleznev. Komm. Vooruzh. Sil. 47 no. 8:66-73 Mr '66.

Rocket power of the state. V. F. Totubko. Sov. voen. 47 no. 24:2-3 D '65.

Servicecom approve the "Directives" and show it in their achievements. Komm. Vooruzh. Sil. 47 no. 8:67-69 Mr '66.

Special rights of the best servicemen in admission to the institutions of higher military education. Komm. Vooruzh. Sil. 47 no. 7:88 Ap '66.

The strength of soldiers lies in skillful mastering of the operation of military machinery and equipment. V. Tkachenko. Komm. Vooruzh. Sil. 47 no. 8:61-65 Mr '66.

Value of a second. I. Chugunov. Sov. voen. 47 no. 10:0-7 O '65.

MILITARY ENGINEERS

The strength of soldiers lies in skillful mastering of the operation of military machinery and equipment. V. Tkachenko. Komm. Vooruzh. Sil. 47 no. 8:61-65 Mr '66.

MILITARY JOURNALISM see Journalism, Military

MILITARY MANEUVERS see subdivision under Pamira

MILITARY MAPS see Maps, Military

MILITARY MEDICINE see Medicine, Military

MILITARY PSYCHOLOGY see Psychology, Military

MILITARY RADAR see Radar, Military

MILITARY RADIO see Radio, Military

MILK Velocity of ultrasound in milk. L. A. Bkarev. Koll. zhur. 28 no. 1:30-33 Ja-F '66.

MILK—ANALYSIS AND EXAMINATION (see also subdivision under Virgin Territory; Volosovo District)

Comparative evaluation of methods for determining antibiotics in cow milk. O. A. Simetkii. Veterinaria 42 no. 1:102-103 Ja '66.

Effect of chlorophyll spraying on the quality of milk and the cholinesterase activity of cow blood. G. I. Gelta, V. I. Bellayev. Khim. v sel. khoz. 4 no. 3:65-68 Mr '66.

MILK—COMPOSITION

Amino acid composition of milk proteins from various animals. P. V. Gugenov, M. N. Modyedova. Vest. sel'khoz. nauki 10 no. 6:76-78 Ja '65.

Cattle breeding taking into consideration the protein content of milk. L. S. Zhebrovskii. Vest. sel'khoz. nauki 11 no. 3:73-76 Mr '66.

Protein fractions of cow milk and their inheritance. Z. S. Kiseleva, I. I. Fomicheva. Genetika no. 1:150-154 Ja '66.

MILK—PASTEURIZATION

Method of disinfecting milk on farms afflicted with foot-and-mouth disease, tuberculosis, brucellosis, and paratyphoid fever. V. S. Larnykh and others. Veterinaria 42 no. 1:102-104 Ja '66.

MILK—QUALITY CONTROL see subdivision under White Russia

MILK, HUMAN

Chromium content in the blood of an infant, in the venous and retroplacental blood of a mother and in human milk V. I. Medvedeva Dokl AN SSSR 10 no 2 98-100 F '66

MILK HYGIENE

Lipatov, N. N. [Effectiveness of the centrifugal removal of impurities from milk] Effektivnost' tsentroběžnoi očiščitel'noj moloka Moskva, Tsentr in-t nauchno-tekhn. informatsii plashchvot promyshl, 1965 28 p. [MICROFILM]

MILK TRADE

(see also subdivision under Moscow Province)

Procurement of milk should be highly organized S. Baibash Zakup sel'khoz prod no 7 1-2 JI '65

MILK TRADE—FINANCE

see subdivision under Gomel' Province

MILK TRADE—MANAGEMENT

Milk procurement should have an even better organization. F. Mart'yanov, Zakup sel'khoz prod no 114-16 Ja '66

MILKING MACHINES

Studying a milking apparatus with a jetted vacuum under a test, S. G. Abbasov, Vest. sel'khoz. nauki 10 no 7 117-121 JI '65

MILKING PARLORS

Comparative evaluation of modern milking parlors, I. U. P. Dlin. Nauch. trudy SibVIM no 2 274-297 '64

Some theoretical studies and evaluations of milking parlors of the "herringbone" type, V. S. Mirtumian, N. A. Petukhov, Nauch. trudy SibVIM no 2 298-310 '64

MILKY WAY

Hypothesis of shock waves in the Galaxy, Piroda no 2 118-117 F '66

MILLET

Buckwheat and millet A. Pimanov, D. Toniaev Zakup sel'khoz. prod no 6 18-20 Je '65

Hydrogenation of millet oil, L. A. I. Denisenko, S. M. Belova, Prikl. biokhimi, i mikrobiol. 2 no 2 218-222 Mr-Apr '66

Improve the quality of husk millet P. Kiselev, Muk. - elev. prom. 32 no 1 17 Ja '65

MILLET—FERTILIZERS AND MANURES

Composition of mineral fertilizers in spot placement and the yield of millet and sorgo, I. D. Filipev, Z. F. Usterko, Vest. sel'khoz. nauki 10 no 8 42-41 Je '65

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Determining the working number of revolutions in ball mills with offset sections A. V. Rzhuv Khim i mashinostro no 1 11-15 Ja '65

Theory of vibratory mills, P. F. Ovchinnikov, Prikl. mekh. 2 no 3 68-93 '66

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Steady operation of the electric drive of a feed system with a tachometer bridge in a program controlled milling machine, V. D. Tokareva. Trudy VZEI no 27: 35-43 '64

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MINAEV, IVAN PAVLOVICH, 1840-1890

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Methods of calculating the amount of air needed for sections with powered movable supports and complexes E. M. Sokolov, Izv. vyz. ucheb. zav. gor. zhur. 5 no 54-60 '62

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Protection of the drifts in mining deep-lying coal seams M. P. Zhelezchik, A. S. Bratishko, D. V. Dorokhov. Ugol' Ukr. no 3 13-14 Mr '66

Rock pressure and the use of two-section collapsible pneumatic reinforced-concrete supports, I. G. Koslov, Gor. zhur. no 3 72-73 Mr '66

Supporting the workings at the mines of the Nikopol' manganese basin, A. G. Bulbas, I. S. Zilber. Gor. zhur. no 3 31-37 Mr '66

Supports should be erected by mechanized means, P. I. Gneushev, Shakht. stroit. 10 no 3 30 Mr '66

Testing new types of supports at deep levels of the "M. Kretovskaya-Zapoval'naya" No. 2 coal mine, V. A. Vashchilin, V. I. Rakov. Shakht. stroit. 10 no 3 16-17 '66

MINE TIMBERING—EQUIPMENT AND SUPPLIES

Quality lining of vertical mine shafts, E. T. Andreev and others, Shakht. stroit. 10 no 2 7-10 F '66

MINE VENTILATION

Air supply through skip shafts, A. M. Ivanov, I. N. Torokht, I. I. Zabludin. Ugol' Ukr. no 3 142-44 Mr '66

Akademiya nauk SSSR, Kol'skii filial, Khovsk. Gosnomohtekhnicheskii institut. [Ventilation of mines and open-pit mines with large saving areas] Provetrivaniye kar'rov i rudnikov s bol'shim zonomi obrabotki, Moskva, Nauka, 1966. 123 p.

Calculation of chamber ventilation with through current A. E. Krasnoshchek, I. I. Medvedev. Gor. zhur. no 3: 68-70 Mr '66

Criteria of estimating the difficulty of coal mine ventilation in the Donetsk Basin A. M. Karpov. Ugol' 41 no 3 58-61 Mr '66

Methods of calculating the amount of air needed for sections with powered movable supports and complexes, E. M. Sokolov, Izv. vyz. ucheb. zav. gor. zhur. 5 no 54-60 '62

Some characteristics of mine ventilation systems, E. A. Abramov, B. M. Torgovnikov, Izv. vyz. ucheb. zav. gor. zhur. 5 no 11 40-53 '62

Technical trends in the further development of mine air conditions and mine thermophysics, A. N. Shcherban, F. A. Abramov, V. B. Komarov. Ugol' 41 no 2 54-59 F '66

MINE WATER

(see also subdivision under Kursk Magnetic Anomaly)

Calculation of wedge-shaped watertight barriers, V. I. Alekseev, Izv. vyz. ucheb. zav. gor. zhur. 5 no 11 9-12 '62

Causes of the increased water inflow in the workings of the "Kremennaya-Vostochnaya" coal mine, N. A. Dobrogor'skii, Ugol' Ukr. no 3 144 Mr '66

Irregular process of grouting soils, I. I. Vakhrameev, Izv. vyz. ucheb. zav. gor. zhur. 5 no 11 28-32 '62

Orientation through mine shafts with a large inflow of water in the Kuznetsk Basin, A. D. Trubchenko. Ugol' 41 no 2 70-71 F '66

MINERAL INDUSTRIES—MECHANIZATION

Methods of determining the level of mechanization for production and labor, V. V. Danilchik, V. V. Savast'yanov, V. V. Bokeria. Ugol' 41 no 2 75-77 F '66

MINERAL INDUSTRIES—SCHEDULING

Use of network planning schedule in the rebuilding of mines, K. P. Kostikov. Shakht. stroit. 10 no 2 18-19 F '66

MINERAL METABOLISM

Some clinical and biochemical indices in intramedullary osteosynthesis using a metallic pin in dogs, A. D. Beter. Trudy. Mosk. vet. akad. 22 no 2 235-242 '64

MINERAL WATERS

(see also subdivision under Estonia; Khilovo region, Pskov Province; Matesta region, Kraondar Territory, Staraya Russa, Novgorod Province)

Sedimentation-diagenetic theory of the formation of calcium chloride waters. V.I. Lebedev. Vest. LGU 21 no. 6:26-40 '66.

MINERAL WATERS—ANALYSIS

New polarographic method for determining arsenic in natural waters. L.N. Davydov. Dop. AN URSR no. 1: 80-84 '66.

MINERAL WATERS—COMPOSITION see subdivision under Truskavets region (Ukraine)

MINERAL WOOL

Selections of the optimal moisture of mixture in making blankets in the production of mineral wool from loess-dolomite raw materials. O.A. Mikhailants, V.N. Kovalenko. Stroi larkhiz. Urb. 6 no. 6:13-16 Je '65

MINERALOGY

(see also subdivision under Kama Valley, Syva Valley, Perm Province; Vyatka Valley)

Complete derivation of twin laws and the simplest way of modeling them. V.A. Moktevskii, I.I. Shafranovskii, I.I. Afanas'ev. Min. sbor. 19 no. 1:10-15 '65.

Hydrothermal synthesis of chrysotile. N.I. Nesterchuk, T.A. Makrova, A.D. Fedoseev. Zap. Vses. min. ob-va 95 no. 1:75-70 '66.

Some results of the work of the Laboratory of Experimental Mineralogy of the Institute of Geology and Geophysics of the Siberian Branch of the Academy of Sciences of the U.S.S.R. in 1964. Geol. i geofiz. no. 9:152-159 '65.

MINERALOGY—CONGRESSES

Problems of the study of inclusions of mineral-forming solutions at the 22d International Geological Congress III. A. Dolgov, N.P. Bismukov, L.M. Laz'ko. Min. sbor. 10 no. 1:127-120 '65.

MINERALOGY, DETERMINATIVE

Fushko, S.A. [Methods of laboratory testing of ores] Metody laboratornogo issledovaniia rud, 3. pos. or. i dop. izd. Pod red. E.E. Zakharova. Moskva, Nedra, 1966. 319 p. fold. charts (insert)

MINERALS

(see also subdivision under Baikal Lake region, Belozerska region, Ukraine; Donets Basin; Kazakhstan; Khibiny Mountains; Ural Mountains)

Effect of ultrasound on the conglutination structures of kaolinite and monothymite. N.N. Kruglitskii and others. Ukr. khim. zhur. 32 no. 1:27-33 '66.

Interaction of sodium oleate with olive and ludwigite. A.M. Krovlev, V.S. Korobkov. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:44-47 '64.

Methods for the mineralogical testing of granitoids. V.S. Mischenko. Geol. zhur. 25 no. 1:25-33 '65.

Mineral composition of spray dried powdered vegetables. M.P. Iryghorash, Khar. prom. no. 1:40-41 Ja-F '66.

Potentiometric study of the adsorption of flotation reagents on the surface of powdered minerals. A.D. Fasman. Elektrokhimia 2 no. 2:145-149 F '66.

Structure of gunbelite. P.P. Sokolova. Zap. Vses. min. ob-va 95 no. 1:106-107 '66.

MINERALS—EFFECT ON PLANTS see Plants, Effect of minerals on

MINERALS—ELASTIC PROPERTIES

Elastic properties of rock-forming minerals. T.V. Ryzhova, K.S. Alekseev, V.M. Korobkova. Izv. AN SSSR, Fiz. zem. no. 2:83-85 '66.

MINERALS IN PLANTS

(see also subdivision under Kuban)

Accumulation of rare and dispersed elements by plants. V.IU. Sokolova, M.D. Talstuk. Ukr. bot. zhur. 22 no. 1:14-18 '65.

Copper content of some Chernozems and farm crops in the southern Ukraine. O.K. Dobrodubskii, T.M. Kozulina. Agrokhimia no. 3:80-88 Mr '66.

Seasonal change in the ash composition of fresh oak leaves in various soil and climatic conditions of the Lesser Caucasus. E.F. Sharifov, T.A. Drozhzhina. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 13:156-152 '65.

Uptake of labeled phosphorus by the flower of the red clover under various conditions of its nutrition and pollination. E.E. Getko. Dokl. Akad. sel'khoz. nauk no. 2:18-21 F '66.

MINERALS IN SOILS see subdivision under Karelia

MINERS see subdivision under Hungary; Nizhny Tagil

MINERS—DISEASES AND HYGIENE

Diseases of the lumbosacral region of the peripheral nervous system in miners of an oil shale combine. V.A. Makarova and others. Trudy LIETEN no. 18: 149-155 '65.

This isn't such a trifle. M. Krapotkina. Sov. profsoyuz 22 no. 6:44 Mr '66.

MINES AND MINERAL RESOURCES

Economic nature and evaluation of prospected minerals. I.U. Sokolovskii. Sov. geol. 9 no. 1:108-116 Ja '66.

[For a close relationship between geological science and production. Participants in the discussion: V.A. Perov, A.V. Sidorenko and D.I. Shcherbakov] Za testulu svyazi geologicheskoi nauki s proizvodstvom V besede uchastvuiut V.A. Perov, A.V. Sidorenko, D.I. Shcherbakov. Moskva, Znaniye, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika. XIII Seriya. Nauka o zemle, no. 1)

Geological documentation of underground mining. V.T. Matynov, A.G. Volarevich. Razved. i okh. nedr. 32 no. 2:37-41 F '66.

Moskovich, M.M. [Mineral resources, production and use of beryllium, lithium, niobium, and tantalum in capitalist countries] Mineral'no-syr'evye resursy, proizvodstvo i potrebienie berilla, litia, niobia i tantala v kapitalisticheskikh stranakh. Pod red. D.I. Shcherbakova. Moskva, Nedra, 1966. 313 p. New problems. Izv. AN SSSR, Ser. geol. 31 no. 1:3-6 Ja '66.

MINES AND MINERAL RESOURCES—AIR CONDITIONING

Method and means of air conditioning mines abroad; a report. G.V. Duganov, V.N. Kafer. Izv. vya. ucheb. zav. gor. zhur. 5 no. 1:173-182 '62.

MINGECHAUR HYDROELECTRIC POWER STATION—DAMS

Practices in using electrometric and chemical methods in determining actual (mean) seepage rates in the body of the earth dam of the Mingeaur Hydroelectric Power Station. A.A. Glaz', B.IU. Gozdanov. Izv. VNIIG 77:175-186 '65.

MINIATURE ELECTRONIC EQUIPMENT

General principles of the synthesis of composite logical networks using modular elements with direct coupling. A.P. Kutsyl. Trudy LPI no. 256:95-70 '65.

Measurement techniques and microminaturization. A.I.I. Enkov, M.P. Tsapenko. Avtometriia no. 6:5-18 '65.

MINING ENGINEERING

(see also subdivision under Kazakhstan)

Akademiia nauk SSSR, Kol'skii filial, Kirovsk. Gos. politehnicheskii institut, [Ventilation of mines and open-pit mines with large caving areas] Provetivaniie kar'terov i rudnikov s bol'shim zonomi obrusheniia. Moskva, Nauka, 1965. 122 p. Effect of the blast on the rock mass. G.V. Kuznetsov, and others. Izv. vya. ucheb. zav. gor. zhur. 5 no. 1:67-74 '62.

Improving the technology of extracting manganese ores by underground methods. V.M. Sedych, M.M. Bocharnikov. Gor. zhur. no. 3:30-33 Mr '66.

Mining operations abroad. N.A. Sakharovskii, V.N. Gol'berg. Shakht. strol. 10 no. 3:24-28 Mr '66.

Studying the manifestation of rock pressure in the chamber system of mining. V.G. Beskaravaynykh. Izv. vya. ucheb. zav. gor. zhur. 5 no. 1:110-125 '62.

MINING ENGINEERING—ABSTRACTS

[Mining] Ref. zhur. Gor. delo no. 2 F '66.

MINING ENGINEERING—COSTS

Methods of determining mining costs. A.E. Ergaliev, T.N. Nurgaliev. Vest. AN Kazakh. SSR 22 no. 2:61-66 F '66.

MINING ENGINEERING—STANDARDS

Building norms in designing underground workings. A.P. Staritsyn. Shakht. strol. 10 no. 2:28-29 F '66.

MINING ENGINEERING—STUDY AND TEACHING

(see also subdivision under Kemerovo Province)

Demonstration area for mining workers. Prof. -lekh. obr. 23 no. 3:17-18 Mr '66.

Education in mining engineering. V.G. Kiselev, K.V. Zebzlev, A.A. Avakian. Ugol' 41 no. 2:18-13 F '66.

Problem of education in mining engineering. B.S. Belovikov and others. Ugol' 41 no. 3:7-8 Mr '66.

Teaching is not an easy task. V. Markov. Sov. shakht. 15 no. 3:12-13 '66.

MINING GEOLOGY

Altmatov, I.T. [Problems of rock grouting] Voprosy geotekhnicheskikh gornykh porok. Frunze, Kirgizskoe gos. izd-vo, 1962. 95 p.

[MICROFILM]

Interaction of the SA plow unit and the wallrock. V.L. Popov and others. Ugol' 41 no. 2:35-37 F '66.

Mining a 2.5 m thick seam under complex geologic conditions. L.L. Kononov. Ugol' Ukr. no. 3:30-41 Mr '66.

Peculiarities in the mining of deep-lying seams in the mines of the "Voikutugol'" Combine. V.L. Grigor'ev, K.K. Gondel'. Ugol' 41 no. 3:9-13 Mr '66.

MINING INDUSTRY see subdivision under Ukraine

MINING INDUSTRY—LABOR PRODUCTIVITY

Methods of determining the level of mechanization for production and labor. V.Y. Danilchik, V.Y. Savost'yanov, V.Y. Bokerila. Ugol' 41 no. 2:76-77 F '66.

MINING INDUSTRY—MANAGEMENT

Radical changes of the methods of management. A.G. Shpital'nikov. Gor. zhur. no. 3:3-7 Mr '66.

MINING MACHINERY

Better use of equipment in the mines of the "Dzerzhinskaya" Trust. G.S. Zymalev. Gor. zhur. no. 3:7-10 Mr '66.

Mining operations abroad. N.A. Sakharovskii, V.N. Gol'berg. Shakht. strol. 10 no. 3:24-28 Mr '66.

Simulating the operating process of mining loaders. V.F. Sytnik, B.P. Sonko. Gor., strol. i dor. mash. no. 2:48-55 '65.

MINING MACHINERY—EFFICIENCY

Determining optimum working width of K-52m cutters-loaders in complex with M-100 and M-87 hydraulic support. S.I. Miroshnikov. Ugol' 41 no. 3:41-16 Mr '66.

MINING RESEARCH see subdivision under Krivoy Rog

MINISTRIES

Nesterenko, A.I. [How the People's Commissariat of the Public Health Service of the R.S.F.S.R. was organized, from the history of Soviet public health, October 1917-July 1918] Kak byl obrazovan Narodnyi komissariat zdoravookhraneniia RSFSR, iz istorii sovetskogo zdoravookhraneniia, oktiabr' 1917 g. - iul' 1918 g. Moskva, Meditsina, 1955. 84 p.

MINSK—BUILDING MATERIALS INDUSTRY

Production grows at existing plants. B.IA. Timoshenko. Strol. mat. 12 no. 3:10-11 Mr '66.

MINSK—CLOCKMAKING AND WATCHMAKING—ACCOUNTING

Plotkin, M.I. [Standard accounting in enterprises with mass production] Normativnyi uchët na predpriatiiakh s massovym proizvodstvom. Moskva, Finansy, 1966. 55 p.

MINSK—CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

Mechanization in the "Krupskaya" Clothing Production Combine in Minsk. M.M. Zelf, G.V. Kudinovitch. Shvein. prom. no. 1:26-27 Ja-F '66.

MINSK—FINANCE

For the further improvement of the financial condition of organizations operating on a profit basis. D. Trepachko, G. Kravtsova. Den i kred. 24 no. 2:60-62 F '66.

MINSK—FIRE DEPARTMENTS

Minsk firemen. N. Semina. Pozh. delo no. 1:3-5 Ja '66.

MINSK—MEDICINE, INDUSTRIAL

Dispensary service for and surgical treatment of Minsk industrial workers with hernia. T.E. Gnilyorov, I.U. K. Tokaev. Klin. zhur. no. 4:76-78 '65.

MINSK—PENSIONS

This is how we work... V. Zimkin. Okhr. truda i sots. stakh. no. 3:34 Mr '66.

MINSK—TRANSPORTATION, AUTOMOTIVE—ACCOUNTING

Centralization of accounting in a motor transport trust. G. Hartenbaum. Bukh. uchët. no. 2:36-37 F '66.

MINSK—WAGES—AUTOMOBILE INDUSTRY

Equipment, standards of labor, and the hourly-bonus wages. V. Rozhkov. Sots. trud 11 no. 3:23-26 Mr '66.

MINSK PROVINCE—COLLECTIVE FARMS

Promising prospects for the development of agriculture. V. Shimanekii. Kommunist 42 no. 4:38-39 Mr '66.

MINTS, ISAAK IZRAILEVICH, 1908-

Academician I.I. Mint's 70th birthday. Ist. SSSR 10 no. 1:246 Ja-F '66.

Bolshevik, soldier, and scholar; on I.I. Mint's 70th birthday. A.P. Shchubskii. Vop. ist. 41 no. 3:167-170 Mr '66.

A party in honor of Academician I.I. Mint. Ist. SSSR 10 no. 2:230 Mr-Apr '66.

Scholar, organizer, and public figure. Nov. i noveish. ist. no. 2:169-170 '66.

MINUCHIKHI, 11th cent.

A diwan of Minuchikhi. Z.N. Vozzhelkina. Krat. soob. Inst. nar. Az. no. 60:22-24 '65.

MINUSINSK BASIN—GEOLOGY, STRATIGRAPHIC

Cyclicity of the cross section of the coal-bearing Permian and Carboniferous in the Minusinsk coal basin. E.A. Stetsinskaya, D.I. Beresneva. Dokl. AN SSSR 166 no. 4: 931-932 F '66.

MINUSINSK DISTRICT—FEEDING

Weight and quality. V. Zaramenskii, Zakup. sel'khoz. prod. no. 6:31-32 Je '65.

Riphean formations in the northwestern part of the
Moldavian S.S.R. I. N. German, Sov. geol. 9 no. 2,
186-189 F 166.

MOLDAVIA—MACHINERY INDUSTRY—MANAGEMENT
Gudym, A. A. [Production specialization and technical progress in the machinery industry of the Moldavian S.S.R.] *Spetsializatsiya i proizvodstva i tekhnicheskii progress v mashinostroenii Moldavskoi SSR.* Kishinev, Kartia moldoveniaske, 1968. 70 p.

MOLDAVIA—MAN, PREHISTORIC

History of the tribes which inhabited Moldavia from the 5th through the 3d centuries B.C. T. S. Passek. *Krat. soob. Inst. arkeol.* no. 105, 3-9 '65.

MOLDAVIA—MONEY

Origin of the Moldavian monetary system in the 11th century. L. L. Polevol. *Krat. soob. Inst. arkeol.* no. 105: 75-78 '65.

MOLDAVIA—NATURAL RESOURCES

Urgul, M. M. [Climate, soils, and waters are the most important natural resources of Moldavia] *Klimat, zemli i vody - vazhnieshi prirodnye bogatstva Moldavii.* Kishinev, Kartia moldoveniaske, 1965. 82 p. (DNAL)

MOLDAVIA—NEMATODE DISEASES OF PLANTS

Effect of some soil fumigants on grape nematodes in Moldavia. O. P. Stegarevskii. *Vred. i polez. fauna bespozv. Mold.* no. 1:76-83 '65.

MOLDAVIA—OAK—DISEASES AND PESTS

New data on tachinid flies (Diptera, Larvaevoridae), parasitizing on oak pests in Moldavia. A. Z. Lerer, S. G. Plugar'. *Ent. oboz.* 45 no. 1:62-75 '66.

MOLDAVIA—PARASITES—FOREST INSECTS

Parasites of injurious forest pests of Moldavia. S. G. Plugaru. *Vred. i polez. fauna bespozv. Mold.* no. 1:25-43 '65.

MOLDAVIA—PHILOSOPHY

Philosophical thought of Soviet Moldavia in the forty years of the Republic's existence. A. I. Babil, P. A. Koychev. *Mezhvuz. filoz. sbor. Kish. un.* no. 4:3-13 '64.

MOLDAVIA—PLANT LICE

Some results and future study of the dendrophilous aphid fauna in Moldavia. B. V. Vereshchagin. *Vred. i polez. fauna bespozv. Mold.* no. 1:3-24 '65.

MOLDAVIA—POLITICS AND GOVERNMENT

Moldavian S.S.R. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Moldavian S.S.R., sixth session, October 18, 1965. Verbatim report] *Zasedaniia Verkhovnogo Soveta Moldavskoi SSR shestogo sozyva (shestaya sessiia) 18 oktiabria 1965 goda. Stenograficheski otchet.* Kishinev, Kartia moldoveniaske, 1966. 103, 95 p. [In Moldavian and Russian]

MOLDAVIA—POTATOES

Let's organize deliveries of potatoes in a better way. A. Udakov, A. Ulianochkin. *Sov. potrebn. koop.* 10 no. 3: 40-41 Mr '66.

MOSCOW—POWER ENGINEERING—STUDY AND TEACHING

Moscow. Energeticheskii Institut. [Moscow Power Engineering Institute of the Order of Lenin, 1905-1965] *Moskovskii ordena Lenina energeticheskii Institut, 1905-1965.* [Moskva] Energiia, [1965] 389 p.

MOLDAVIA—Q FEVER

Q rickettsial in Moldavia. D. M. Kushnir. *Trudy Kish. gos. med. inst.* 14:260-276 '61.

MOLDAVIA—RICKETTSIAL DISEASES

Once again about rickettsial diseases, transmitted by rat fleas in Moldavia. O. S. Ostrik. *Trudy Kish. gos. med. inst.* 14:277-280 '61.

MOLDAVIA—SAN JOSE SCALE

Biology of San Jose scale in Moldavia. E. I. Prints. *Vred. i polez. fauna bespozv. Mold.* no. 1:44-53 '65.

MOLDAVIA—SERICULTURE

History of sericulture in Moldavia. I. G. Plugaru. *Vred. i polez. fauna bespozv. Mold.* no. 1:102-108 '65.

MOLDAVIA—SILKWORM BREEDING

Results of spring testing of tetrabrids of silkworm in Moldavia. E. M. Baronina. *Vred. i polez. fauna bespozv. Mold.* no. 1:84-101 '65.

Some results of silkworm breeding work in Moldavia. *Vred. i polez. fauna bespozv. Mold.* no. 1:100-118 '65.

MOLDAVIA—SLAVS

Results of and problems in studying the culture of the ancient Slavs in the southwestern regions of the U.S.S.R. G. B. Fedorov. *Krat. soob. Inst. arkeol.* no. 105:21-31 '65.

MOLDAVIA—SPRAYING AND DUSTING EQUIPMENT

Berkov, I. L., and others. [Mechanization of work in the chemical protection of farm crops in Moldavia] *Mekhanizatsiia rabot po khimicheskoi zashchite sel'skokhoziaistvennykh kul'tur v Moldavii.* Pod red. A. N. Semanova. Kishinev, Kartia moldoveniaske, 1965. 222 p. (DNAL)

MOLDAVIA—STRONGYLODIASIS

Strongyloidiasis in Moldavia and its differentiation with epidemic hepatitis. G. K. Buriak. *Trudy Kish. gos. med. inst.* 11:139-144 '61.

MOLDAVIA—TEACHERS

Moldavian S.S.R. Ministerstvo prosveshcheniia. Institut usovershenstvovaniia uchitelei. [Honored teachers of the Moldavian S.S.R.; pages from the life and work of the honored teachers from the schools of the Moldavian S.S.R.] *Zasluzhennye uchiteli Moldavskoi SSR, stranitsy iz zhizni i delatel'nosti zaslužennykh uchitelei shkol Moldavskoi SSR.* Kishinev, Kartia moldoveniaske, 1960. 348 p. (Posviashchenaia vtoromu s'ezdu uchitelei Moldavskoi SSR)

MOLDAVIA—TECHNOLOGICAL INNOVATIONS

Moldavian S.S.R. Moldavskii ekonomicheskii administrativnyi zalon. *Sovet na odnogo khoziaistva* [People of keen thought] *Ljudi pyitlivoi mysl'i.* Kishinev, Kartia moldoveniaske, 1966. 139 p.

MOLDAVIA—SUNFLOWERS—FERTILIZERS AND MANURES

Uplake of nutrients by a sunflower plant and their removal by crops from soils in southern Moldavia. D. I. Karastan, A. I. Bozhikanian. *Agrokhimia* no. 3:139-141 Mr '66.

MOLDAVIA—TACHINID FLIES

New data on tachinid flies (Diptera, Larvaevoridae), parasitizing on oak pests in Moldavia. A. Z. Lerer, S. G. Plugar'. *Ent. oboz.* 45 no. 1:62-75 '66.

MOLDAVIA—TAPEWORMS

Distribution and epidemiology of diphylobothriasis in the regions of the Moldavian S.S.R. adjacent to the Prut River. V. S. Kuznetsova, N. M. Marita. *Trudy Kish. gos. med. inst.* 14:223-224 '61.

MOLDAVIA—THEATER

An actor stopped being an actor. I. Uvarova. *Teatr* 27 no. 1:38-44 Ja '68.

MOLDAVIA—TICKS

Preliminary data on the fauna and ecology of ixodid ticks in Moldavia. I. G. Uspenskaya. *Trudy Kish. gos. med. inst.* 14:309-312 '61.

MOLDAVIA—TREMATODA

Fauna and ecology of trematodes of the family Opisthorchiidae in Moldavia. V. S. Kuznetsova, N. N. Marita. *Trudy Kish. gos. med. inst.* 14:169-172 '61.

MOLDAVIA—VITICULTURE

Podrazhanskii, A. L., and S. G. Bondarenko. [Cultivation practices in growing large grape crops; based on materials of leading viticulturists] *Agrotekhnika vysokikh urozhaev vinograda; po materialam peredovikov-vinogradarev.* Pod red. M. A. Peisakia. Kishinev, Kartia moldoveniaske, 1965. 133 p. (DNAL)

MOLDAVIA—WINE AND WINE MAKING—MANAGEMENT

Evetn'tov, S. [Ways to increase the economic efficiency of capital assets in the wine making of the Moldavian S.S.R.] *Puli povysheniia ekonomicheskoi effektivnosti osnovnykh fondov v vinodelii MSSR.* Kishinev, 1965. 59 p.

MOLDAVIA—WOOLLY APPLE APHID

Apple varieties resistant to the woolly apple aphid. L. A. Zinkovskaya. *Vred. i polez. fauna bespozv. Mold.* no. 1:53-60 '65.

MOLDAVIAN DIALECT

Akademii nauk Moldavskoi SSR, Kishinev. Institut inzyka i literatury. [Study of Moldavian] *Izucheniia moldavskogo iazyka.* Kishinev, Kartia moldoveniaske, 1963. 171 p. (MIL)

MOLDAVIAN FOLKLORE see Folklore, Moldavian

MOLDING (FOUNDING)

Effect of the properties of a green mold on the shrinkage of cast iron. V. R. Balinskii, V. P. Chernobrovkin. *Lit. proizv.* no. 2:92-93 F '66.

Introducing low-nickel steels for casting heat and acid resistant parts. A. A. Sinitsyn, T. N. Lariseva. *Bud. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform.* 19 no. 1:10-17 Ja '66.

Liquid melt in the mold. S. Bogdanakii. *Izobr. i rais.* no. 2:5-6 '66.

Packing foundry molds by squeezing. E. F. Kilien. *Lit. proizv.* no. 2:27-31 F '66.

MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES

Increasing the strength of steel chill molds. M. D. Zholudev. *Eksp. Proektir. Bud. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform.* 19 no. 1:14-15 Ja '66.

MOLDS (BOTANY), EFFECT OF RADIATION ON

Effect of gamma radiation on the physiology of the growth and spread of mold fungi. L. P. Koval'skaya, S. V. Silaeva. *Kons. i ov. pion.* 21 no. 3:37-40 Mr '66.

MOLECULAR ASSOCIATION

Electromigration method of determining the constants of association of alkaline earth ions with a ferrocyanide ion. G. F. Nichegovskii, V. P. Shvedov. *Radiofizika* 8 no. 1:118-120 '66.

MOLECULAR BEAMS

Calculating the molecule source of a molecular oscillator. A. A. Sokova. *Trudy inst. kon. stand., mer. i izm. prib.* no. 7:76-78 '65.

MOLECULAR BIOLOGY

Theory of intracellular regulation; Nobel Prize in physiology and medicine for 1965. K. A. Kaffani. *Priroda* 55 no. 3:61-64 '66.

MOLECULAR DYNAMICS

Induction resonance and vibrational relaxation. M. I. Shakhparonov. *Zhur. fiz. khim.* 40 no. 3:643-648 Mr '66.

Use of ultrasonic measurements in studying molecular interactions in fluids. B. D. Kudriavtsev, G. A. Samgina. *Izv. vuz. ucheb. zav., fiz.* 9 no. 1:12-17 '66.

MOLECULAR ORBITALS

Electron configuration of isoxazole. D. A. Bocharov, A. A. Bagatur'iants, A. V. Tutchev. *Izv. AN SSSR. Ser. khim.* no. 2:353-354 '66.

Molecular orbital method of studying the π -electron configuration of 7-nazindole. D. A. Bocharov and others. *Izv. AN SSSR, Ser. khim.* no. 2:354-356 '66.

Structure of MeX_4 molecules in the hybridization of orbitals of the central atom p^2-d^n . V. M. Volkov, M. E. Diakina. *Zhur. neorg. khim.* 10 no. 10:2382-2384 O '65.

Three-membered rings. Report No. 3. Taft's constants for three-membered rings. O. A. Iuzhakova, V. F. Bystryi, R. G. Kostianovskii. *Izv. AN SSSR, Ser. khim.* no. 2:210-245 '66.

MOLECULAR SIEVES

Use of type X molecular sieves in the fractionation of the aromatic part of oils. L. V. Kovalev. *Khim. i tekhn. topl. i masel* 11 no. 4:23-26 Ap '66.

MOLECULAR SPECTRA

$\text{C}_2\text{H}_2/\text{D}_2\text{C}_{22}$ Derivative sign of carboxylic acid chlorides. L. V. Levchenko. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4:13-17 O-D '64.

European congress on molecular spectroscopy. A. N. Terent'ev, G. S. Denisov. *Vest AN SSSR* 36 no. 2: 113-117 F '66.

Use of vibration spectra in studying the structure of polyatomic molecules. L. A. Gribov, E. M. Popov. *Usp. khim.* 35 no. 3:531-562 Mr '66.

MOLECULAR STRUCTURE

Certain characteristics of bonds in molecules with π -electrons as dependent on the number of adjacent atoms. D. N. Shigorin, V. G. Plotnikov. *Zhur. fiz. khim.* 40 no. 3:698-700 Mr '66.

Kitaigorodskii, A. I. [Order and disorder in the atomic world] *Poriadok i besporiadok v mire atomov.* Izd. 4, dop. Moskva, Nauka, 1966. 166 p.

Molecular structure and quantum chemistry. A. A. Levin. *Priroda* no. 2:2-10 F '66.

Molecular structure and quantum chemistry. A. A. Levin. *Priroda* 55 no. 3:18-25 '66.

Structure of polycarolein. Report No. 2. Hydrogenation of polyacetal. *Izv. SO AN SSSR* no. 11, Ser. khim. nauk no. 3:115-121 '64.

MOLECULAR THEORY

Radchenko, I. V. [Molecular physics] *Molekuliarnaya fizika.* Moskva, Nauka, 1965. 476 p.

MOLECULAR WEIGHTS

Analyzing molecular weight distribution of polymethyl acrylate. L. F. Efimova, S. Z. Kaplan, I. E. Fila. *Trudy LITTSBP* no. 16:86-101 '65.

Determination of the molecular weight of petroleum resins. Z. Kh. Kemeleva, E. A. Bekturov. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 3:49-51 Ji-S '64.

Effect of the structure of peroxide initiators on the molecular weight distribution of formed polymers. Acyl peroxides. S. S. Ivanchev, N. I. Solomko. *Vysokom. sood.* 8 no. 2:322-328 F '66.

Estimation of molecular weights of blood plasma components with insulinlike activity. L. V. Dmitrenko, L. L. Liberman, T. I. Vinokurova. *Vop. med. khim.* 12 no. 1: 68-102 Ja-F '66.

MOLECULES

Change in the selectivity of solvents as related to the size of molecules of separated hydrocarbons. A. Z. Bikkulov, Nefteper. i neftekhim. no. 2:37-39 '66

Determination of the probability of the singlet-singlet and singlet-triplet transitions in molecules with a conjugate π -electron system. I. U. V. Moshov, A. I. Kurlin. Bi fizika 9 no. 3:299-303 '64.

Molecular morphology of transfer ribonucleic acids. Some hydrodynamic and optic properties of molecules in organic solvents. V. N. Tsvetkov and others. Bi fizika 9 no. 3:257-265 '64

MOLECULES—OPTICAL PROPERTIES

Quantum-mechanical calculation of molecules. Theory of generalized combined orbits. V. G. Plotnikov. Izv. vys. ucheb. zav., fiz. 9 no. 1:107-110 '66.

MOLECULES—OSCILLATIONS

Exact and approximate natural coordinates in the theory of oscillations of polyatomic molecules. M. A. El'iashevich, L. A. Gribov. Dokl. AN SSSR 166 no. 5:1080-1083 F '66.

MOLES (ANIMALS) see subdivision under Khasan region (Maritime Territory)

MOLLUSKS see subdivision under Caspian Sea

MOLLUSKS, FOSSIL

(see also subdivision under Russia, Southern; Transcarpathia)

Presence of Limnodaena in the Lower Cimmerian sediments of the Ukraine. A. G. Eborzin, V. N. Semenchenko. Paleont. zhur. no. 1:150-153 '66.

MOLODEZHNYA STATION, ANTARCTICA—MAGNETISM, TERRESTRIAL—OBSERVATIONS

Some results of magnetic observations at Molodezhnaya Station in 1964. N. D. Medvedev. Inform. biul. Sov. antark. eksp. no. 65:11 '66.

MOLTEN METALS see Liquid metals

MOLYBDENUM

An ally of iron. S. Venevskii. Metallurg 11 no. 3:38-39 Ma '66.

Change in the ratio of nitrogen forms in the soil due to the placement of molybdenum-containing industrial waste. A. N. Ilietdinov, M. K. Kanachinova. Vest. sel'khoz. nauki [Kazakh], 8 no. 2:106-111 F '66.

Ion-exchange separation of molybdenum, tungsten, vanadium, and rhenium. M. V. Darbinian, A. A. Daniellian. Izv. AN Arm. SSR. Khim. nauki 17 no. 5:465-500 '64.

Phase diagram of the HfO₂-Mo system. S. S. O'danlian, A. A. Kraskovskaya, A. I. Avgustinik. Izv. AN SSSR. Neorg. mat. 2 no. 2:289-302 F '66.

Spectrophotometric study of the reduction of molybdenum (VI) by a cadmium amalgam. E. F. Speranskaya, V. E. Mertsalova. Izv. vya. ucheb. zav., khim. i khim. tekhn. 8 no. 6:893-897 '65.

MOLYBDENUM—ANALYSIS

Effect of tungsten on the determination of molybdenum by the thiocyanate method. V. K. Potokhov, L. L. Lebedeva. Zhur. anal. khim. 21 no. 2:182-186 '66.

MOLYBDENUM—EFFECT ON PLANTS see Plants, Effect of molybdenum on

MOLYBDENUM—ELECTROMETALLURGY

Zone purification of molybdenum. G. P. Kortan, A. D. Kruglykh, I. G. D'yakov. Izv. AN SSSR. Mat. no. 1:71-72 Ja-F '66.

MOLYBDENUM—TOXICOLOGY

Fungicidal property of molybdenum. N. A. Tikhonova, O. I. Kashevanova. Vest. sel'khoz. nauki 10 no. 8:27-29 Ja '66.

MOLYBDENUM COMPOUNDS

Dissociation of a dianilpyrrolmethane-thiocyanate complex of molybdenum (VI) in dichloroethane. A. K. Babko, M. M. Tananaiko, M. Gntlicheva. Ukr. khim. zhur. 32 no. 2:125-130 '66.

Extraction of molybdenum complex compounds with thioglycolic acid in the presence of diphenylguanidinium cations by means of binary solvent mixtures. G. P. Rudzik, M. I. Dzintarnieks, A. I. Busev. Zhur. anal. khim. 21 no. 2:178-181 '66.

Molybdenum chalcogenides. A. A. Opalovskii, V. E. Fedorov. Usp. khim. 35 no. 3:427-459 Mr '66.

MOLYBDENUM PLATING

Thick-layer nickel and molybdenum plating. G. T. Bakhvalov, V. I. Lainer, A. S. Maslennikova. Izv. vya. ucheb. zav.; tsvet. met. 9 no. 1:146-153 '66.

MOLYBDENUM SILICIDES

Complex alloys based on molybdenum disulfide and boron carbide. I. K. Lapshov. Izv. AN SSSR. Neorg. mat. 2 no. 2:303-307 F '66.

MOLYBDENUM SULFIDES

Investigating the effect of some technological factors and temperature on the antifriction properties of solid lubrication coatings based on molybdenum disulfide. R. M. Matveevskii, O. V. Lazovskaya, Mashinovedenie no. 2:86-90 '66.

NONASTICISM AND RELIGIOUS ORDERS

Pudovniks, I. U. [Monasteries in Rus and the struggle of the peasants with them from the 14th to the 16th centuries, according to the "lives of the Saints"] Monastyr' na Rusi i boi'ba s nimi krest'ian v XIV-XVI vekakh; po "zhitiim svyatykh." Moskva, Nauka, 1966. 390 p.

MONEY

(see also subdivision under Balneology; Moldavia)

Berkov, N. T. [Monetary movement and methods of its study] Migratsiya deneg i metody ee izucheniia. Moskva, Finansy, 1966. 118 p.

MONGOLIA—BOOKS

Literature in Mongolian in the collections of the V. I. Lenin Library of the U.S.S.R. R. M. Kasintsova. Trudy Gos. bibl. SSSR 9:108-110 '66.

MONGOLIA—COMMUNIST PARTY

Vanguard of the Mongolian people; the 45th anniversary of the Mongolian People's Revolutionary Party. V. Titkov. Agitator 33 no. 3:19-50 F '66.

MONGOLIA—FORESTS AND FORESTRY

In the forests of Mongolia. B. G. Shurovenkov. Priroda 55 no. 3:90-93 '65.

MONGOLIA—HISTORY

A glorious date in the life of the Mongolian people. Part. zhizn' no. 6:70 Mr '66.

MONGOLIA—LABOR AND LABORING CLASSES

From the history of the rise and development of the laboring classes in the Mongolian People's Republic. G. S. Matveeva. Vop. ist. 41 no. 4:44-51 Ap '66.

MONGOLIA—PETROGLYPHS

The Gobi horsesman. V. V. Volkov. Mat. i issl. po arkheol. SSSR no. 130:266-268 '65.

MONGOLIA—WARBLE FLIES

Warble flies (Diptera, Hypodermatidae) of the Mongolian People's Republic. TS Dorzh. Ent. oboz. 45 no. 1:210-211 '66.

MONGOLIAN LITERATURE—HISTORY AND CRITICISM

Gerasimovich, L. K. [Literature of the Mongolian People's Republic, 1921-1964] Literatura Mongol'skoi Narodnoi Respubliki 1921-1964 godov. [Leningrad] Izd-vo Leningr. univ., 1965. 308 p.

MONILIALES—CULTURES AND CULTURE MEDIA

Formation of organic acids in oxidation of n-paraffins by yeast organisms. T. V. Finogenova and others. Prikl. biokhim. i mikrobiol. 2 no. 2:166-162 Mr-Apr '66.

Methods of determining cellulase activity. N. A. Rodionova and others. Prikl. biokhim. i mikrobiol. 2 no. 2:197-205 Mr-Apr '66.

Rate of L-arabinose transformation by Candida tropicalis in various cultures. I. U. N. Karasvich, A. P. Ipatova. Mikrobiologiya 34 no. 6:666-671 N-D '65.

MONILIASIS see Candidiasis

MONKEYS—DISEASES AND PESTS

Agents of simian malaria. N. A. Demina. Med. parazit. i parazit. bol. 35 no. 2:189 Mr-Apr '66.

MONOCHROMATOR

Analyzing light scattering in a vacuum VM-70 monochromator with a convex diffraction grid in the spectral region from 35 to 600 μ m. N. G. Gerasimova, D. A. Gusev, G. P. Startsev. Opt. i mekh. prom. 33 no. 3:25-28 Mr '66.

Double monochromator according to the new optical scheme. V. V. Mikhailov. Probl. fiz. atm. no. 3:164-159 '65.

MONOMYCIN

Comparative study of the chemotherapeutic action of paromomycin and monomycin in experimental cutaneous leishmaniasis in white mice. N. I. U. Moskalenko, G. N. Perahin. Farm. i toks. 29 no. 1:100-93 Ja-F '66.

MONSOONS see subdivision under Indian Ocean

MONSTERS

Dysontogenetic neurogenic tumor in an anencephalus. N. F. Silinaeva. Arkh. pat. 20 no. 1:77-70 '66.

MONTE CARLO METHOD

Use of the Monte-Carlo method in calculating perturbations of nuclear reactors. G. A. Mikhailov. Zhur. vych. mat. i mat. fiz. 8 no. 2:380-384 Mr-Apr '66.

Using the Monte-Carlo method for calculating the fields of Laplace's equations with dipole boundaries. P. M. Belash, A. L. Kolosov. Trudy MINKHIGP no. 58:28-33 '65.

Using the regression analysis in problems of flow and for obtaining confidence limits. P. M. Belash, R. V. Sentukov. Trudy MINKHIGP no. 58:34-46 '65.

MONUMENTS see subdivision under Bali (Island)

MOON

Measurement of the earth-moon distance by the optical location method. I. U. L. Kokurin and others. Prikl. v. red. Zhur. eksp. i teoret. fiz. 3 no. 5:219-223 Mr '66. [On the moon] Na Luno; sbornik statei. Moskva, Znanie, 1966. 14 p. (Novoe v zhizni, nauka, tekhnika. IX Seriya. Fizika, matematika, astronomiya, no. 0)

MOON—EXPLORATION

Mastery of the moon by man. I. U. A. Gagarin, V. I. Lebedev. Vop. fiz. 20 no. 3:25-30 '66.

MOON—SURFACE

Relative depths of lunar ring mountains and craters in the "Sea of Clouds." A. V. Maikov. Dokl. AN SSSR 167 no. 1:63-61 Mr '66.

MOON CARS

Transportation on Selena. V. Zakharov. Av. i kosm. no. 4:28-31 Ap '66.

MORAL EDUCATION

About good and evil. E. Blinkina. Doshk. vosp. 30 no. 2:7-10 F '66.

Communist ideal and the moral development of personality. Sov. pedagog. 30 no. 3:97-114 Mr '66.

Development of moral attitude is an important task of training. Doshk. vosp. 39 no. 2:5 F '66.

Do you have a clear conscience? M. Sviridov. Doshk. vosp. 39 no. 2:45-16 F '66.

Inculcating revolutionary traditions and work habits into school children; from the practice of the Leningrad party organization. V. A. Sargeev. Vest. LGU 19 no. 20:20-36 '64.

To be and to seem. L. Rubashkina. Doshk. vosp. 39 no. 3:44-10 Ma '66.

Training in humaneness is required by life. K. Argetskii. Nar. obr. no. 3:77-80 Mr '66.

MORDOVIA—ANTIQUITIES

A treasure-trove from the village of Sabanchoyovo. N. I. Mersper. Mat. i issl. po arkheol. SSSR no. 130:149-156 '65.

MORDOVIA—FARM PRODUCE—QUALITY CONTROL

The laboratory guards the quality of products. I. Chernitsyna. Zakup. sel'khoz. prod. no. 7:39-40 Ji '66.

MORDOVIA—ROCKETS (AERONAUTICS)—MODELS

Six engines. I. Kozlov. Kryn. rod. 17 no. 3:31 Mr '66.

MORDVINIAN A. S. S. R. see Mordovia

MORGAN, GLEEN G.

Against fabrications concerning procuratorial supervision in the U.S.S.R. S. G. Berezovskaya. Sov. gos. i prav. 36 no. 3:70-85 Mr '66.

MORNING-GLORES

Pharmacology of Convolvulus tricolor. M. N. Vorontina. Farm. i toks. 29 no. 1:70-72 Ja-F '66.

MOROCCO—POLITICS AND GOVERNMENT

Ben Barka case. B. Maiekhov. Mezhdunar. zhizn' 13 no. 4:157-150 '66.

MORPHINE—PHYSIOLOGICAL EFFECT

Studies on the effect of morphine and promedol on the bulbar vasomotor center. G. V. Kovalev. Farm. i toks. 27 no. 8:665-669 N-D '64.

MORPHINE—SIDE EFFECTS

Danger of intravenous administration of morphine in cardiogenic shock in patients with a myocardial infarct. M. M. Lashenko, I. U. S. Kokhmanuk. Sov. med. 29 no. 1:90-91 Ja '66.

MORPHOLINE—PHYSIOLOGICAL EFFECT

Effect of gracidine (phenmetrazine) on rats with "hypothalamic" adiposity. I. A. M. Kabak, M. M. Nikitina. Biul. eksp. biol. i med. 61 no. 1:65-68 Ja '66.

MORPHOLINUM COMPOUNDS

Synthesis of peptides in aqueous solution by means of p-toluene sulfonate cyclohexyl, β -[N-methyl morpholinium] ethyl carbodiimide. D. G. Knorre, T. N. Shubina. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:125-134 '64.

MORPHOLOGY

Moscow. Vtoroi meditsinskii institut. [Problems of experimental surgery and morphology] Voprosy eksperimental'noi khirurgii i morfologii. Pod red. G. E. Ostroverkhova. Moskva, 1965. 227 p. (Ist. Trudy) (DNLM)

MORTIFICATION (PATHOLOGY) see Gangrene

MOSCOW—AMATEUR ART ACTIVITIES

The "Green light" inspires. E. Iodkovskii. Sov. profsoyuz no. 4:36-37 F '66.

MOSCOW—AMBER

The "Xanter" store. S. Bochkalova. Sov. tovg. 39 no. 4:32-34 Ap '66.

MOSCOW—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Twelve-story apartment house made from vibrated panels. Z. Rozenfeld. Zhil.stroitel. no. 11-13 '66.

MOSCOW—ART GALLERIES AND MUSEUMS

Moscow. Gosudarstvennyi muzei izobrazitel'nykh iskusstv. [Our museums] Naishi muzei Moskva, Sovetskii khudozhnik, 1964. 13 p. 48 plates. (MIEM)

MOSCOW—AUTOMOBILE INDUSTRY

An industrial plant prepares for the introduction of new methods of work. P. D. Borodin. Kommunist 42 no. 1: 70-73 Ja '66.

MOSCOW—AUTOMOBILE INDUSTRY—MANAGEMENT

Methods for the optimization of intraplant plans. I. Freinski. Plan.khoz. 43 no. 3:60-64 Mr '66.

MOSCOW—BALLET

A dream about perfection. V. Gnevskii. Teatr 27 no. 1:49-52 Ja '66.
To the artistic council of the theater. M. Gabovich. Teatr 27 no. 1:131 Ja '66.

MOSCOW—BANKS AND BANKING—STUDY AND TEACHING

Instruction and education of students. M. Tarasov. Den. i krod. 24 no. 3:62-65 Mr '66.

MOSCOW—BOOKSTORES

People's stores of our capital city. S. Pollanovskii. Knizh.torg. 17 no. 4:21-22 Ap '66.
The "Recent publications" bookstore keeps the banner of socialist competition. S. Tarnov. Knizh.torg. 17 no. 1:16-17 Ja '66.

MOSCOW—BUILDING MATERIALS

Making sets of and packaging in containers construction elements, sample education, and materials. D. Gusevich. Zhil.stroitel. no. 12:2-76 '66.

MOSCOW—CHILDREN'S PLAYS

Debut in Moscow. I. Segod. Teatr 27 no. 1:129-130 Ja '66.
How to love a child. A. Asarkan. Teatr 27 no. 1:126-123 Ja '66.
"The spirit of Flanders" in the Central Children's Theater. A. Chernova. Teatr 26 no. 7:63-65 Ji '65.

MOSCOW—CHURCHES

175th anniversary of St. Nicholas Church. V. Ovsinnikov. Zhur. Mosk. Pair. no. 3:22-26 '66.

MOSCOW—CLIMATE

Using the conjunction method for the analysis of the local weather regime in Moscow and in the Maidanynny health resort. S. B. Mamedov. Izv. AN Azerb SSR Ser. geol. geog. nauk. no. 5:140-149 '65.

MOSCOW—CLOTHING INDUSTRY

Not for the index of gross output but for the consumers. S. Amurloko. Kommunist 42 no. 1:83-89 Ja '66.

MOSCOW—COLD STORAGE WAREHOUSES

Moscow Cold Storage Warehouse No. 12. P. M. Kiraev. Khol.tekh. 43 no. 3:9-10 Mr '66.

MOSCOW—COLLEGE THEATER

With our Brecht in Zagreb. N. Krymova. Teatr 27 no. 1:142-150 Ja '66.

MOSCOW—COLLEGE THEATER—PRODUCTION AND DIRECTION

Exhortation of an onvious colleague. Sergei Iulkevich. Teatr 27 no. 1:120-122 Ja '66.

MOSCOW—COMMUNIST EDUCATION

Surveying the schools of the capital. S. Abdullina. Nar. obr. no. 3:87-88 Mr '66.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[Both in word and in deed] from the practice of mass propaganda work in the industrial enterprises of Moscow. I slovom i delom, iz opyta ngilatsionno-massovoi raboty na promyshlennykh predpriyatiakh Moskry. [Moskva] Mosk. rabochii, 1965. 134 p.

MOSCOW—COMMUNITY CENTERS

A club of voters. I. Barsukov. Agitator 33 no. 5:48-49 Mr '66.

MOSCOW—CONSTRUCTION INDUSTRY—FINANCE

Indices have improved. P. Bakovich, K. Korolev. Ekon. stroit. 8 no. 4:31-35 Ap '66.

MOSCOW—CONSTRUCTION INDUSTRY—MANAGEMENT

Active aids. Ekon. stroit. no. 8:57-58 Ag '64.
Some problems of economic experimentation. N. Fomichev. Vop. ekon. no. 2:117-121 F '66.

MOSCOW—CONSTRUCTION INDUSTRY—SCHEDULING

New principles of erecting high buildings. L. London. Na stroit. Ros. 7 no. 2:24-26 F '66.

Practices in constructing a microdistrict by network scheduling. L. Lavretskii, A. Skobinnikii, N. Shestopil. Na stroit. Ros. 7 no. 2:23-24 F '66.

MOSCOW—EFFICIENCY, INDUSTRIAL

The party organization of the city of Moscow as organizer and leader of mass competition for increasing labor productivity in the steel industry during the second five-year plan. V. V. Dudkin. Uch. zap. MOPI 116 36-75 '65.

MOSCOW—ELECTRIC LAMPS

The plant shifts to the new working conditions. V. Vinogradov, A. Rutenburg. Plan.khoz. 43 no. 3:51-58 Mr '66.

MOSCOW—EXHIBITIONS

Agriculture. Inform. biul. VDNKH no. 6:38 Ja '64.
Appraisal of the quality of dried, frozen, and canned food produced by the member-countries of the Mutual Economic Assistance Council. M. M. Khristoforova, Kone. i ov. prom. 21 no. 4:43-44 Ap '65.
At the Exhibition of the Achievements of the National Economy. L. N. Voronin, Gor. zhur. no. 3:75-78 Mr '66.

Building. Inform. biul. VDNKH no. 6:38 Ja '64.

Exhibition of special items. Inform. biul. VDNKH no. 6:36 Ja '64.

Exhibitions and displays of special items. Inform. biul. VDNKH no. 6:15-25 Ja '64.

Exhibitions and displays of special items. Inform. biul. VDNKH no. 6:30-33 Ja '64.

Exhibitions of special items. Inform. biul. VDNKH no. 6:7-10 Ja '64.

Exhibits of the Central Pavilion in honor of the Congress. Inform. biul. VDNKH no. 4:32-33 Ap '66.

Important section of the ideological work. Inform. biul. VDNKH no. 6:1-2 Ja '64.

In the Exhibition Council Committee. Inform. biul. VDNKH no. 6:30-40 Ja '64.

Industry and transportation. Inform. biul. VDNKH no. 6:37 Ja '64.

New exhibits. Inform. biul. VDNKH no. 1:31-35 Ja '66.

Pavilion "Building and Road Machinery" in 1964. Inform. biul. VDNKH no. 6:12-13 Ja '64.

Science, education, culture. Inform. biul. VDNKH no. 6:38 Ja '64.

MOSCOW—FACTORIES

Museum under the arches of a factory. P. Arzamashev. Oktabr' 42 no. 4:174-175 Ap '66.

MOSCOW—FINANCE

Financial organs of Moscow in anticipation of the party congress. V. Titov. Fin. SSSR 40 no. 3:69-73 Mr '66.

MOSCOW—FOOD INDUSTRY

Moscow Technological Institute of the Food Industry is 35 years old. A. Shushina. Muk. -clev. prom. 32 no. 1:24 Ja '66.

MOSCOW—HISTORIOGRAPHY

The Moscow uprisings of the last quarter of the 17th century in the historical studies of pre-revolutionary and Soviet periods. V. I. Buganov. Ist. SSSR 10 no. 2:105-115 Mr-Apr '66.

MOSCOW—INDUSTRIAL HYGIENE

Following the call of the heart. S. Panomareva. Okhr. truda i zds. strakh. no. 3:26-27 Mr '66.

MOSCOW—KINDERGARTENS

Results of the school year. V. Izgarshcheva. Doshk. vosp. 39 no. 2:80 F '66.

MOSCOW—LABOR AND LABORING CLASSES

[Moral makeup of the Soviet worker] Moral'nyi oblik sovetskogo rabochego. [Moskva] Mosk. rabochii, 1965. 311 p.

MOSCOW—LECTURES AND LECTURING

At the lecturers' seminar in Moscow. Mezhdunar. zhizn' 13 no. 4:460 '66.

MOSCOW—LIBRARIES

Bibliography of recommended books is one of the basic functions of V. I. Lenin Library of the U. S. S. R. O. N. Lavshina. Trudy Gos. bibl. SSSR 9:47-62 '66.

Forty years with the name of V. I. Lenin. I. P. Kondakov. Trudy Gos. bibl. SSSR 9:3-26 '66.

Illegal and banned publications acquired by the V. I. Lenin Library of the U. S. S. R. from the collection of V. A. Desnitskii. L. N. Petrova. Trudy Gos. bibl. SSSR 9:95:107 '66.

Literature in Mongolian in the collections of the V. I. Lenin Library of the U. S. S. R. R. M. Kazimirova. Trudy Gos. bibl. SSSR 9:100-118 '66.

Participation of the V. I. Lenin Library of the U. S. S. R. in the international exchange of publications. B. P. Kanavskii. Trudy Gos. bibl. SSSR 9:53-74 '66.

Problems of the methodological guidance of and assistance to local libraries. O. S. Chubar'ian. Trudy Gos. bibl. SSSR 9:27-46 '66.

MOSCOW—LIBRARIES AND READERS

Microfilm services to readers in the V. I. Lenin Library of the U. S. S. R. E. P. Khromushkina. Trudy Gos. bibl. SSSR 9:86-91 '66.

Organization of service to readers in the newspaper reading room of the V. I. Lenin Library of the U. S. S. R. A. Z. Voshchinnina. Trudy Gos. bibl. SSSR 9:75-85 '66.

MOSCOW—LITERARY MUSEUMS

Museum under the arches of a factory. P. Arzamashev. Oktabr' 42 no. 4:171-175 Ap '66.

MOSCOW—MACHINE-TOOL INDUSTRY—QUALITY CONTROL

Plus material responsibility. I. A. Karpov. Sov. profsoyuz 22 no. 5:8-9 Mr '66.

MOSCOW—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Multiplication of forces. A. Churinov. NTO 8 no. 2:2-3 F '66.

MOSCOW—MATHEMATICAL SOCIETIES

Abstracts of papers submitted to the Moscow Mathematical Society for publication. Usp. mat. nauk 20 no. 5:258-260 S-O '65.

Meetings of the Moscow Mathematical Society. Usp. mat. nauk 20 no. 5:257-258 S-O '65.

MOSCOW—METAL INDUSTRIES

From the brigades to enterprises of communist labor; from the experience of the Combine of Ceramic Metals in Moscow. B. V. Saprin. Trudy MIIT no. 204:76-89 '65.

MOSCOW—OPERA

New ways. IU. Keldysh. Sov. muz. 30 no. 3:40-45 Mr '66.

MOSCOW—OPERAS

"The drummer" on the operatic stage. In. Popov. Teatr 27 no. 2:9-13 F '66.

MOSCOW—PINS AND NEEDLES

Work practice under the new conditions. L. Meerovich. V. Chubarov. Plan.khoz. 43 no. 4:66-69 Ap '66.

MOSCOW—POWER ENGINEERING

Sixtieth anniversary of the Moscow Power Engineering Institute bearing the Order of Lenin, 1905-1965. N. V. T'Sederberg, I. A. Konfederalov. Teploenergetika 12 no. 12:2-5 D '65.

MOSCOW—PRINTING INDUSTRY

Struggle of the early organization of the "Krasnyi Proletari" Printing Plant for the title of an "enterprise of communist labor." V. D. Strukova. Trudy MIIT no. 204:91-101 '65.

MOSCOW—PRODUCTION STANDARDS

Moscow system for improving the quality of production. M. M. Zakrev. Standartizatsia 20 no. 12:13-15 D '65.

MOSCOW—PUBLIC ADMINISTRATION

Visitors came to the institution. . . . E. Sarkisov. Sov. profsoyuz 22 no. 6:35-37 Mr '66.

MOSCOW—RADIOACTIVE FALLOUT

Tritium content of atmospheric precipitation in Moscow in 1962-1963. L. M. Iakimenko, E. D. Kuznetsov, V. M. T'Sionkii. Atom. energ. 20 no. 1:84-85 Ja '66.

MOSCOW—REFRIGERATION AND REFRIGERATING MACHINERY

Moscow Refrigeration Combine No. 7. N. I. A. Frid. Khol. tekhn. 43 no. 3:11-12 Mr '66.

Moscow Refrigeration Combine No. 8. A. N. Nazarenko, F. I. Shlenkii. Khol. tekhn. 43 no. 3:7-9 Mr '66.

MOSCOW—STEEL INDUSTRY

A night. L. Sadikov. Agitator 33 no. 3:18-10 F '66.

MOSCOW—STEEL INDUSTRY—MANAGEMENT

Exigence of the working man. G. Ablezin. Sov. profsoyuz 22 no. 3:6-8 F '66.

MOSCOW—SUBWAYS

Subway and the 300th anniversary of the Romanov dynasty. V. H. Sarbol. Ukr. ist. zhur. 10 no. 2:105-106 F '66.

MOSCOW—TEXTILE INDUSTRY—MANAGEMENT

What is new in Moscow Textile Trade planning. T. Zirik. Sov. iorg. 39 no. 4:16-20 Ap '66.

MOSCOW—TEXTILE INDUSTRY—QUALITY CONTROL

Efficient and businesslike. L. D. Ivchenko. Standartizatsia 20 no. 12:12-13 D '65.

MOTION-PICTURE PHOTOGRAPHY—FILMS

- Determining the effect of the mechanical wear of the surface on the technical condition of negatives. L. P. Melnikova. Trudy NIKFI no 50 51-102 '62.
- Effect of the thickness of triacetate films on their optical strength. G. I. Belorusets, L. A. Khomutova. Trudy NIKFI no 50 50-51 '62.
- New device for determining the brittleness of polymeric films and systems in a wide range of temperatures. M. G. Maryin, V. V. Timoshina. Trudy NIKFI no 50 51-72 '62.
- Physicochemical properties of cinematographic materials as film systems, and ways of their efficient construction and testing. I. M. Fridman, G. I. Belorusets, M. G. Maryin. Trudy NIKFI no 50 5-18 '62.
- Strengthening of cinematographic materials during the hot perforation and cutting processes. I. M. Fridman, M. G. Maryin. Trudy NIKFI no 50 19-41 '62.
- Testing of polymeric films for resistance to breaking. G. I. Butdygina, G. I. Belorusets, L. K. Klimova. Trudy NIKFI no 50 73-81 '62.

MOTION-PICTURE PHOTOGRAPHY—PRINTING PROCESSES

- Studying the effect of immersion on the quality of the photographic image. L. P. Melnikova. Trudy NIKFI no 50 81-91 '62.

MOTION-PICTURE PLAYS

- Lenin in Poland. I. Ermolina. Sov. voyn 18 no. 7-30 Ap '65.
- Romanticism of the revolution. V. Mitin. Sov. voyn 17 no. 19-30-39 O '65.
- Through the prism of Lenin's mind... G. Kapralov, Nov. vsem. 23 no. 17-4-6 Ap '66.
- A true story, which has become a legend. N. Overina, Sov. voyn 18 no. 6-12-43 Mr '66.

MOTION-PICTURE PROJECTION

- The needs of rural motion-picture theaters. I. U. Bol's. Agitator 33 no. 6, 12-13 Mr '66.
- The path to the wide-spread system of motion-picture theaters. A. Filippov. Agitator 33 no. 7, 28-29 Ap '66.

MOTION-PICTURE PROJECTION—EQUIPMENT AND SUPPLIES

- Motion-picture screen for daylight. N. I. Iudimov, Shkola i prod. 9 no. 3-69-76 Mr '65.

MOTION PICTURES

- Coyvants and Don Quixote. Eusebio Cimorra. Nov. vsem. 23 no. 17-28-29 Ap '66.

MOTION PICTURES—CONSERVATION AND RESTORATION

- Effect of the disruption of the film surface uniformity on the decline of its mechanical properties. Zh. F. Motenova. Trudy NIKFI no. 50 12-49 '62.

MOTION PICTURES—DICTIONARIES

- [Motion picture dictionary in two volumes.] Kinostovar' v dnykh tomakh. Red. kollegiya S. I. Iukovich (glav. red.) i dr. Moskva, Sovetskaya Entsiklopediya, (Entsiklopedii, slovari, spravochniki) Vol. 1. A - L. 1966. 978 columns, illus.

MOTION PICTURES, DOCUMENTARY

- Let's film in the travel forms. R. Gligor'ev. Agitator 33 no. 5, 21-22 Mr '66.

MOTION PICTURES IN ADVERTISING

- Motion-picture advertising should be effective. R. Sorokina, Sov. tovg. 39 no. 3, 50-51 Mr '66.

MOTION PICTURES IN HYDROLOGY

- Optical method of introducing a recording apparatus into a frame during the motion-picture filming of turbidity currents. V. I. Loginov. Meteor. i gidrol. no. 4, 53-54 Ap '66.

MOTION PICTURES IN PHYSICAL EDUCATION

- Installation for the demonstration of educational motion pictures. B. K. Zykov. Teor. i prak. fiz. kul't. 20 no. 3, 64-67 Mr '66.

MOTOR FUELS

- Obtaining motor fuels by the two-stage hydrocracking of vacuum distillates. L. N. Ostrov and others. Neftoper. i neftekhim. no. 2, 8-10 '66.

MOTOR SHIPS

- Increases of the speed and power of dry cargo ships. V. A. Dubrovskii. Sudostroenie 56 no. 1, 18 Ja '66.

MOTOR SHIPS—MAINTENANCE AND REPAIR

- Six navigation seasons without any shipyard repairs. S. Solkin. Rech. transp. 23 no. 6, 30-31 Je '64.

MOTOR VEHICLE DRIVERS

(see also subdivision under Kiev)

- Improve the training of drivers. N. Dmitriev. Avt. transp. 44 no. 2, 83 F '66.

- Saibodakh, S. V. [Industrial training of motor-vehicle drivers.] Proizvodstvennoe obucheniye voditelei avtomobilov. Moskva, Vysshaya shkola, 1966. 83 p.

MOTOR VEHICLES

- [Handbook for the mechanic of a motor-vehicle park.] Spravochnik mekhanika avtoparkov. [By] V. M. Kaufman i dr. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1955. 433 p.
- Investigating diesel trolley cars. V. A. Smirnov. Gor., stoi i dor. mash. no 2 186-191 '65.
- Prospective diesel trolley cars. A. B. Gurevich, A. A. Dondysh, Gor., stoi i dor. mash. no 2 192-203 '65.

MOTOR VEHICLES—BRAKES

- Determining natural vibrations of box-type brakes of a motor vehicle. V. A. Malinin, I. N. Sakharov, Izv. vuz. ucheb. zav., mashinostr. no. 1, 123-127 '66.
- Meters of power capacity of braking mechanisms. B. B. Gombom and others. Avt. prom. 32 no. 2, 12-18 F '66.

MOTOR VEHICLES—CATALOGS

- Minskii avtomobil'nyi zavod. [Catalog of parts of the MAZ-500 motortruck, MAZ-504 saddle-tractor and MAZ-503 dump truck.] Katalog detalей грузового avtomobila MAZ-500, sedoi'nogo tragaacha MAZ-504 i avtomobila-samosvala MAZ-503. Moskva, Mashinostroenie, 1966. 413 p.

MOTOR VEHICLES—COLD WEATHER OPERATIONS

- Heating engines before starting. A. Vosvodin, Tekh. v sel'khoz. 26 no. 1 81 Ja '66.

MOTOR VEHICLES—DYNAMICS

- Calculating the motion of a descending motor vehicle in the presence of traction power on driving wheels. I. A. Klemenov. Izv. vuz. ucheb. zav., mashinostr. no. 1, 101-105 '65.

MOTOR VEHICLES—ELECTRIC EQUIPMENT

- A. c. generators for motor vehicles. I. U. Borovskikh. Avt. transp. 44 no. 2, 44-47 F '66.
- Installation and operation of the B1 induction coil. I. Efimenko, Tekh. v sel'khoz. 26 no. 3 86-88 Mr '66.
- Steel contact rings of the generator. M. Drozhzhin, Avt. transp. 44 no. 2, 25 F '66.

MOTOR VEHICLES—ENGINES

- Some problems of power engineering in transportation. S. S. Ushakov, Vest. AN SSSR 36 no. 1, 26-29 Ja '66.
- Using additives for the running-in oils for improving the running-in of motor-vehicle engines. I. B. Gurevich and others. Avt. prom. 32 no. 2, 5-6 F '66.

MOTOR VEHICLES—LUBRICATION

- Nigol instead of consistent lubricants. D. Gaevik, I. P. Iamarchuk, V. Tkachenko, Avt. transp. 44 no. 2, 22-23 F '66.

MOTOR VEHICLES—MAINTENANCE AND REPAIR

- Building up semiaxle splines. M. Roostoshinskii. Avt. transp. 44 no. 2, 28-27 F '66.
- Diagnosis of a motor vehicle. L. Miroshnikov. Avt. transp. 44 no. 2, 18-10 F '66.
- Reconditioning brake cylinders by chromium and nickel plating. V. Mogila, Avt. transp. 44 no. 2, 27-30 F '66.
- Vlasov, P. A., and others. [Repairing the cabins of tractors and motor vehicles.] Remont kabin traktorov i avtomobilov. Moskva, Kolos, 1965. 95 p. (Biblioteka rabochego-remontnika)

MOTOR VEHICLES—SPRINGS AND SUSPENSIONS

- Results of testing air suspensions of motor vehicles with rubber-carbon diaphragms. V. A. Galashin, A. D. Derbarendiker. Sbor. trud. MVU no. 2, 76-86 '62.

MOTOR VEHICLES—STANDARDS

- Reviewing state standard 9314-59. N. S. Bezzubik, I. U. P. Sorochan, L. A. Martynovskii. Avt. prom. 32 no. 2, 34-35 F '66.

MOTOR VEHICLES—TECHNOLOGICAL INNOVATIONS

- Exchange of experience. Avt. transp. 44 no. 2, 55-57 F '66.

MOTOR VEHICLES—TESTING

- Investigating the strain and evaluating the durability of carrying structures of wheeled vehicles. S. S. Dmitrichenko, A. I. Shevchenko, Izv. vuz. ucheb. zav.; mashinostr. no. 1, 126-134 '66.

MOTOR VEHICLES—VIBRATION

- Statistical characteristics of the microprofile of highways and motor-vehicle vibrations. V. L. Afanas'ev, A. A. Khachaturov, Avt. prom. 32 no. 2, 23-27 F '66.
- Using the frequency method in investigating vibrations of a motor vehicle in the longitudinal vertical plane. V. A. Kuz'min. Izv. vuz. ucheb. zav.; mashinostr. no. 1, 119-123 '66.

MOTOR VEHICLES—WHEELS

- Distribution of radial reactions on wheels of a multiaxle motor vehicle in a transverse plane. G. A. Smirnov, O. P. Lelikov. Izv. vuz. ucheb. zav., mashinostr. no. 1, 109-112 '65.
- Turning angles of the steerable wheels of multiaxle motor vehicles. D. A. Antonov, Avt. prom. 32 no. 2, 18-21 F '66.

MOTORBUS DRIVERS see subdivision under Tallinn

MOTORBUS LINES—STATIONS see subdivision under Odessa

MOTORBUS TERMINALS—DESIGN AND CONSTRUCTION see subdivision under Leningrad

MOTORLESS FLIGHT see Gliding and Soaring

MOTORTRUCKS—COLD WEATHER OPERATION

- Winter open-air storage of motortrucks in the open-pit mines of Krasnoyarsk Territory. Z. G. Pogorelov, Gor. zhuk. no. 3, 11-44 Mr '66.

MOTORTRUCKS—DESIGN AND CONSTRUCTION

- Structural characteristics of the GAZ-53A motortruck. B. Shukhov, P. Syrtkin. Avt. transp. 44 no. 2, 40-44 F '66.

MOTORTRUCKS—ENGINES

- Investigating the durability of the ZIL-130 engine and the wear of its basic parts. I. E. Dumin, M. I. Podshchekoldin, V. I. Preiman. Avt. prom. 32 no. 2, 1-2 F '65.
- Time delay for the running-in of engines. S. Averbukh, P. Kuidan. Tekh. v sel'khoz. 26 no. 2, 75-76 F '66.

MOTORTRUCKS—HYDRAULIC EQUIPMENT

- Apparatus for testing hydraulic lifting mechanisms. V. Zinov'ev. Tekh. v sel'khoz. 26 no. 2, 85-86 F '66.

MOTORTRUCKS—SHOCK ABSORBERS

- Repairing the shock absorber of the front suspension of the GAZ-51 motortrucks. G. Romanovich. Tekh. v sel'khoz. 26 no. 2, 74-75 F '66.

MOTORTRUCKS—TESTING

- Rapid field tests of motortrucks. S. S. Dmitrichenko, A. I. Shevchenko. Avt. prom. 32 no. 2, 21-23 F '66.

MOUNDS see subdivision under Gomel' Province; Kalinin Province; Khakass Autonomous Province; Stavropol Territory

MOUNTAIN ASH (SORBUS) see Rowan

MOUNTAIN ECOLOGY

- (see also subdivision under Gissar Range)
- Geographical characteristics of the dynamics of the upper forest range in the mountains of the Soviet Union. P. D. Laroshenko. Biol. MOP. Old. biol. 71 no. 1, 74-83 Ja-F '66.

MOUNTAINS see subdivision under Kirghizistan; Scandinavia

MOUTH—CANCER see subdivision under Transcarpathia

MOVEMENT (PHYSIOLOGY)

- Age-related morphological changes in the cortical region of the motor analyzer. S. M. Bortnik and others. Dokl. AN BSSR 10 no. 1, 65-68 Ja '66.

- Ivanitskii, M. V. [Anatomy of man.] Anatomia cheloveka. 4 izd., ispr. Moskva, Fizkul'tura i sport.

- Vol. 1. [Introduction to anatomy, motor apparatus, study of movements.] Vvedeniye v anatomiyu, dvigatel'nyi apparat, ucheniye o dvizheniyakh. 1965. 517 p.

MOVEMENT, AESTHETICS OF

- Major sports competitions as theater. Iurii Vlasov. Teatr 27 no. 1, 133-136 Ja '66.

MOVEMENT DISORDERS

- Characteristics of hyperkinesia caused by narcotics in guinea pigs. G. A. Plashnik, Farm. i lek. 20 no. 1, 105-107 Ja-F '66.
- Differential diagnosis of hyperkinesia of rheumatic origin. E. G. Iuratskaya and others. Sov. med. 20 no. 2, 132-134 F '66.

- Experience in the treatment of psychomotor excitation in patients with acute closed cerebrocranial trauma in a rural district hospital. V. M. Grubnik, V. D. Nerebuev. Klin. khir. no. 6, 87-68 '66.

MOWING MACHINES

- Ways for eliminating the causes of the soiling of the mown plant mass by the "Kira-1," 5th rotary mower. TS. I. Penchev, E. I. Khrapach. Trakt. i sel'khoz. mash. no. 3, 23-26 Mr '66.

MOZAMBIQUE—POLITICS AND GOVERNMENT

- The hour of liberation is not far. Pasquale Mokuumba. Az. i Afr. sug. 9 no. 3, 24-27 Mr '66.

MUCIDS

- Methodology for the determination of blood serum seromucoid. A. I. Krasnov, Lab. delo no. 3, 137-140 '66.

MUCOUS MEMBRANE

- Surgical procedure for the resection of intestinal mucous membrane in dogs under conditions of a chronic experiment. I. T. Kurtsin, V. K. Bolodinskii. Fiziol. zhur. 52 no. 1, 12-13 Ja '66.

MUD VOLCANOES see subdivision under Kura Valley

MUGAN STEPPE—COTTON—DISEASES AND PESTS

Results of biologic studies of the cotton bollworm in the Mugan zone of Azerbaijan. N. L. Ivanov, F. M. Poloshina. Trudy AISTAZRA 2, 35-50 '64.

MULTIPLE SCLEROSIS

Histochemical reaction to acid phosphatase as an index of the reactivity of the blood serum in multiple sclerosis patients. I. A. K. Osipova. Dokl. AN BSSR 10 no. 2 135-137 p '66.

MULTIVIBRATORS

Dependence of the frequency of oscillations of a multivibrator on the negative bias of the grid. A. A. Dvornov. Elektronsvaz' 20 no. 2 78-80 F '66.

Kulikov, S. V. [Regulated transistor multivibrators] Upravlyayemye multivibratory na tranzistorakh. Moskva, Energiya, 1966 85 p. (Biblioteka po avtomatike, no. 109)

Slave multivibrator with increased noise stability for automatic and remote control systems in the petroleum and gas industries. L. S. Lozinskii, N. S. Sevdinovich. Trudy VNIKAncigaz no. 1 71-86 '65

MUNICIPAL ENGINEERING

Effective reservation of redundant devices in automatic regulation and control. M. B. Slavina. Nauch. trudy AKKI no. 3 13-17 '65.

MUNICIPAL GOVERNMENT

History of the closing of "city dumas" in 1918. B. D. Galperina, V. I. Startsev. Ist. SSSR 10 no. 1 124-130 Ja-F '66.

MUNITIONS

(see also subdivision under United States)

Interdependence of civilian and military production under capitalism. G. Kravchenko. Vop. ekon. no. 2 97-95 '66.

MURAV'YEV-AMURSKIY PENINSULA—HERONS

A rare case of the occurrence of the Japanese heron in the southern part of the Maritime Territory. V. I. Lobzok. Zap. Primor. fu. Georg. ob-va SSSR no. 1 153-160 '65.

MURDER

Work organization in departments for the investigation of premeditated murders. S. Baklan, I. Danylov. Rad. pravo 29 no. 3 21-25 Mr '66.

MURMAN COAST—ALGAE

Basic types of overgrowths of algae in the littoral of the Murman Coast. E. I. Blinova. Okeanologiya 5 no. 1 131-158 '66.

MURMANSK—DESCRIPTION

The city of northern lights. A. Pin. Nov. vrem. 23 no. 13 8-10 Mr '66.

MUSCIDAE see subdivision under Maritime Territory

MUSCLE

Effect of D₂O on the vital staining and thermostability of frog skeletal muscles. V. I. Dushcherevskii, I. A. Korotenko. Biofizika 9 no. 3 315-320 '64.

Effect of training on the nucleic acid content in various muscle types. T. I. U. Shchessno. Ukr. biokhim. zhur 38 no. 1 78-80 '66.

Effect of ultrasonic waves on the submicroscopic structure of the muscle tissue. V. L. Borovagin, I. E. El'pner. Biofizika 9 no. 3 312-314 '64.

Nature of the resistance of the muscle tissue to the damaging effect of temperature. V. V. Vasil'eva. Tsitologiya 8 no. 1 93-95 Ja-F '66.

Reaction of striated muscle tissue to hypoxia. S. I. Fudal'-Osyrova, H. O. Rodionov, V. I. Sevast'yanov. Fiziol. zhur. [Ukr.] 12 no. 1 12-18 Ja-F '66.

MUSCLE RELAXANTS

Pharmacology of the new nondepolarizing muscle relaxant cyclobutonium. D. A. Kharkevich. Farm. i toks. 20 no. 1 47-53 Ja-F '66.

MUSCLES

Bone-muscle lever arms in rodents of the family Sciuridae. G. S. Kalinas. Arkh. anat., gist. i embr. 50 no. 1 49-53 Ja '66.

MUSCLES—MOTILITY

Comparative evaluation of thermostability of the muscles and myofibrils in Rana temporaria. V. B. Ushakov. Tsitologiya 8 no. 1 96-99 Ja-F '66.

Some data on neuromuscular transmission in Crustacea. I. M. Glogoleva, E. A. Liberman. Biofizika 9 no. 3 336-337 '64.

MUSCLES—RUPTURE

Subcutaneous rupture of the ventor of the musculus biceps brachii. L. V. Leven. Otop., travm. i protez. 27 no. 3 68-69 Mr '66.

MUSCLES, HYPERTROPHY OF

Muscular hypertrophy in the pyloric region of the stomach in adults. V. S. Bykov. Khirurgiya 42 no. 3 35-37 Mr '66.

MUSCULAR DYSTROPHY

Clinical aspects and expertise of capacity for work in chronic progressive spinal amyotrophy. A. I. Makarov, A. G. Guntskii. Trudy LIETIN no. 10 96-102 '65.

Diagnosis and expertise of capacity for work in myotonic dystrophy. P. A. Makhavetski, L. A. Sachkova. Trudy LIETIN no. 10 80-86 '65.

Effect of experimental muscular dystrophy on the intracellular localization of glycolysis enzymes in the skeletal muscles. V. A. Hryhori'eva, I. E. H. Medovai, L. V. Shchukina. Ukr. biokhim. zhur. 38 no. 1 70-77 '66.

Histochemical studies on white muscle disease in lambs. R. A. Churkina-Buzmakova. Veterinar. na 42 no. 1 54-55 Ja '66.

Spinal amyotrophy syndrome combined with extrapyramidal disorders of traumatic etiology. A. I. Makarov, L. A. Sachkova. Trudy LIETIN no. 10 117-120 '65.

MUSCULOSKELETAL SYSTEM—DISEASES

Treatment of some diseases of the locomotor apparatus with alcohol and novocaine blocks. A. F. Kondratyuk. Voen.-med. zhur. no. 2 80-82 F '66.

MUSCULOSKELETAL SYSTEM—RADIOGRAPHY

Clinical X-ray pattern of pathological changes of the locomotor apparatus in burns. A. I. Kurbatov. Klin. khir. no. 6 61-64 '65.

MUSEUMS see subdivision under Odessa, Olenburg;

Vinnitsa Province; see also subdivision 'Art galleries and museums' under Atupka (Ukraine), Leningrad, Moscow

MUSIC

(see also subdivision under Caucasus, Northern; Lithuania)

To the level of the tasks of the 23d Congress of the CPSU. Sov. muz. 30 no. 3 5-8 Mr '66.

MUSIC—COMPETITIONS

(see also subdivision under Israel)

Impressions and suggestions. B. Marants. Sov. muz. 30 no. 3 71-73 Mr '66.

MUSIC—HISTORY AND CRITICISM

Arustovskii, B. M., ed. [Information and musical image, articles and studies of musicologists from the Soviet Union and other socialist countries] Informatsiya i muzykal'nyi obraz, stat'i i issledovaniya muzykovedov Sovetskogo Soyuza i drugikh sotsialisticheskikh stran. Pod obshch. red. B. M. Arustovskogo. Moskva, Muzyka, 1965. 352 p. (WU)

MUSIC—TEACHER TRAINING

Training of music teachers. T. Vil'koetskaya. Doshk. vosp. 39 no. 2 86-88 F '66.

MUSIC—THEORY

Rhythm and form. V. Khlopova. Sov. muz. 30 no. 3 28-31 Mr '66.

MUSIC, AZERBAIJANI

Art should serve the people. Kara Karaev. Kommunist 42 no. 5 37-41 Mr '66.

MUSIC CALENDARS

[Schoolchild's music calendar, 1966] Muzykal'nyi kalendar' shkol'nika, 1966. [Moskva, Muzyka, 1965] 1 v.

MUSIC FESTIVALS see subdivision under Leningrad

MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)

There is a fourteenth theme! A feuilleton. Igor' Lozhkin. Teatr 26 no. 7 142-144 Ji '66.

MUSICAL INSTRUMENTS

Maj'ler, L. I. [Tables on musical instruments; instruments of the symphony orchestra, brass band, popular dance band, and Russian folk orchestra, electric instruments, and singing voices] Tablitsy po instrumentovedeniyu; instrumenty simfonicheskogo, dukhovogo, estradnogo i russkogo narodnogo orkestrrov, elektro-instrumenty, poycheskie gotosa. Moskva, Muzyka, 1966. 95 p.

Seminar on problems of the quality, reliability, and durability of furniture and musical instruments. A. S. Glebov. Der. prom. 15 no. 2 2 of cover F '66.

MUSICAL INSTRUMENTS, ELECTRONIC

Multitone electronic musical instrument. I. U. Ivankov. Radio no. 2 38-41 F '66.

MUSICIANS—CORRESPONDENCE, REMINISCENCES, ETC.

From reminiscences. N. Obukhova. Sov. muz. 30 no. 3 84-93 Mr '66.

MUSICIANS, RUSSIAN

Livshits, A. B. [They gave life for their homeland; sketches on composers and musicologists in the Great Patriotic War] Zhizn' za Rodnu avoiu; ocherki o kompozitorakh i muzykovedakh v Volku Otchestvennuiu volny. Moskva, Izd-vo Muzyka, 1964. 333 p. (WU)

MUSKRAITS see subdivision under Chistoye, Lake (Tambov Province)

MUSSELS see subdivision under Black Sea

MUSTARD SEED

Fatty acid composition of the oil of some Indian mustard seed varieties. N. V. Vorob'ev. Masl. i zhir. prom. 11 no. 1 10-12 Ja '66.

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Cooperation is a powerful factor in the development of socialist countries. Stanko Todorov. Kommunist 42 no. 3 102-105 F '66.

Economic cooperation of the U. S. S. R. with other socialist countries. A. Vikent'ev. Muzhdunar. zheni' 13 no. 1 147-149 '66.

Economic reforms and the economic cooperation of socialist countries. O. Bogomolov. Vop. ekon. no. 2 76-86 F '66.

Oil and the countries of the socialist commonwealth. F. Poltikhin, M. Lopatkin. Neftianik 11 no. 2 11 Ji '66.

Semenova, L. S. [The Comecon countries and the world scientific and technical revolution] Strany SVV i nauchno-tekhnicheskaya revolyutsiya. Moskva, Znanie, 1966 46 p. (Novoe v zhizni, nauke, tekhnike, VII Seriya Mezhdunarodnaya, no. 6)

MYASTHENIA GRAVIS

Pathogenesis of myasthenia gravis. A. T. Dotzhenko. Zhur. nov. i psikh. 66 no. 3 393-398 '66.

MYCOBACTERIUM

Bronchadenitis in a child caused by Mycobacterium tuberculosis avium. E. I. Shutskaia and others. Probl. tub. no. 3 87-88 '65.

Immunobiological properties of some so-called atypical mycobacteria. A. I. Tognouva, M. L. Khateneva. Probl. tub. no. 3 56-60 '65.

Virulence and dynamics of the degree of drug resistance of Mycobacterium tuberculosis. V. P. Dolguzova. Probl. tub. no. 3 60-66 '65.

MYCOBACTERIUM—CULTURES AND CULTURE MEDIA

Comparative physiological and biochemical study of Mycobacterium luteum and Propionibacterium shermanii. L. I. Vorob'eva and others. Mikrobiologiya 31 no. 1 1003-1007 N-D '65.

Effect of molybdenum on nitrogen fixation by Mycobacterium. T. K. Litvin. Mikrobiologiya 35 no. 1 155-161 Ja-F '66.

Vitamin biosynthesis in Mycobacterium luteum. L. I. Vorob'eva, N. K. Prisetova, N. A. Batanova. Mikrobiologiya 35 no. 1 3-7 Ja-F '66.

MYCOLOGY—CONGRESSES

Scientific conference at the Institute of Microbiology. L. A. Beliakova. Mikrobiologiya 34 no. 5 1103 (111) N-D '65.

MYENTERIC PLEXUS

Histochemical study of the activity of acid phosphatase and the concentration of orthophosphates in the nervous system of the intestine during the action of some neurotropic substances. Kh. Tseret. Trudy Akad. nauk, 22 no. 2 15-27 '66.

MYKYTENKO, IVAN KINDRATOVYCH, 1897-1937

Publication of six volumes of I. Mykytenko's works. M. Mandryka, I. Zlamaniuk. Rad. lit. 10 no. 1 145 Ja '66.

MYOGLOBIN

Myoglobin in the organism poisoned by carbon monoxide. T. M. Hladyshevs'ka, L. M. Doloshyts'kyi, B. A. Sobchuk. Ukr. biokhim. zhur. 38 no. 1 9-13 '66.

MYONEURAL JUNCTION

Some data on neuromuscular transmission in Crustacea. I. M. Glogoleva, E. A. Liberman. Biofizika 9 no. 3 334-337 '64.

MYSHKIN, IPPOLIT NIKITICH, 1848-1885

An unknown letter of I. N. Myshkin. K. G. Lisachenko. Vop. arkh. 9 no. 4 92-94 O-N '64.

MYOSINS

Relation of actin to subunits of myosin. M. B. Kalamnikova, V. P. Nankina. Biofizika 9 no. 3 383-386 '64.

MYSORE, INDIA—HISTORY

Kasymov, A. M. [Struggle of Mysore for its independence at the end of the 18th century] Bor'ba Mysura za svolu nezavisimost' v kontse XVIII veka. Tashkent, Izd-vo Nauka UzSSR, 1964. 111 p. (MH)

MYTHOLOGY, GREEK

Aristophanes and his mythological lexicon. A. P. Iosad. Uch. zap. MGPI no. 234:232-326 '65.

MYTILUS

Sanitary workers of the sea. L. O. Alakrinskaya. Pribl. no. 2 68-68 F '66.

MYTISHCHI DISTRICT—VEGETABLES

Aftereffect of atrazine on vegetable crops. M. L. Razulina and others. Khim. v sel'. Khoz. 4 no. 3:55-56 Mi '66.

MYXEDEMA

Pathological anatomy of myxedema in children. B. S. Guseinov. Arkh. pat. 28 no. 1:65-68 '65.

MYXOVIRUSES

Effect of amantadine on the dynamics of RNA synthesis of myxoviruses in cells of the choriocarcinoma membranes of chicken embryos. A. K. Gilel'man, A. G. Bukhtinskaya. Antibiotiki 11 no. 3:277-282 Mi '66.

NAGORNO-KARABAKH AUTONOMOUS PROVINCE—HEALTH EDUCATION

People's universities of health in the Nagorno-Karabakh Autonomous Province. Kh. A. Bozlian. Azerb. med. zhur. 43 no. 1:92-95 Ja '66.

NAGORNO-KARABAKH AUTONOMOUS PROVINCE—LONGEVITY

Some problems of longevity in the Nagorno-Karabakh Autonomous Province. Kh. A. Bozlian. Azerb. med. zhur. 41 no. 12:12-16 D '61.

NAKHICHEVAN A. S. S. R.—COTTON—DISEASES AND PESTS

Origin and development of the focus of the mallow moth in Nakhichevan A. S. S. R. Z. M. Agayeva. Trudy A. S. S. R. 2:51-60 '61.

NAKORENKO, NADEZHDA FEDOROVNA, 1892-1965

Nadezhda Fedorovna Nakorenko, 1892-1965; obituary. Molecul. i gidrol. no. 3:63-64 Mi '66.

NAMES

Structural classification of professional names. A. I. Molodtsov. Vest. LGU 20 no. 2:138-160 '65.

NAMES, PERSONAL

[Guide to personal names of the peoples of the R. S. F. S. R.] Spravochnik lichnykh imen narodov RSFSR. Moskva, Sovetskaya entsiklopediya, 1965, 253 p.

NAMES, PERSONAL—ARMENIAN

Etymology of the name Karon. Z. N. Aleksidze. Soob. AN Gruz. SSR 41 no. 1:251-255 Ja '65.

NAMES, PERSONAL—GEORGIAN

Etymology of the name Karon. Z. N. Aleksidze. Soob. AN Gruz. SSR 41 no. 1:251-255 Ja '65.

NAMES, UKRAINIAN

The Third Ukrainian Conference on Onomastics. A. P. Kerepanova. Ukr. iel. zhur. 10 no. 1:157-159 Ja '66.

NAPHTHALENE

Analysis of the crystallization of naphthalene-containing oils directly on the cooling agent. V. V. Legatcheva, D. D. Zykov, A. S. Ocheret. Koks. i khim. no. 2:29-32 '66.

Catalytic synthesis of 6-isopropyltoluene by alkylation of toluene with propyl alcohols and propylene. N. I. Shulkin, N. A. Pozdnyuk, T. P. Dobrynya. Neftekhimika 5 no. 4:486-188 Ji-Ag '65.

Continuous purification of compressed naphthalene by sulfuric acid. M. K. Pakler, R. P. Dubrovskaya, A. S. Ocheret. Koks. i khim. no. 2:34-37 '66.

Effect of catalysts on the hydrodenalkylation of methyl-naphthalenes. A. A. Kravchenko, L. S. Sovetova. Zhur. prikl. khim. 39 no. 2:189-191 F '66.

High-temperature hydrogenation of alkyl-naphthalenes. A. A. Kravchenko, L. S. Sovetova, V. A. Puchkov. Neftekhimika 5 no. 4:473-476 Ji-Ag '65.

Homogeneous denalkylation of 2-isopropyl-naphthalene. A. T. Gavrilova, M. G. Konigberg, R. A. Komanenkova. Neftekhimika 5 no. 3:322-327 My-Je '65.

Isomerization of bicyclic naphthalenes with isolated rings to compounds of the decalin series. I. O. Delone, L. N. Stukanova, A. I. Petrov. Neftekhimika 5 no. 3:313-319 My-Je '65.

Mechanism of homogeneous denalkylation of alkyl-naphthalenes. M. G. Gonikberg, A. E. Gavrilova, R. A. Komanenkova. Neftekhimika 5 no. 4:489-492 Ji-Ag '66.

Methods of production of polychlorinated and octachloro-naphthalenes. S. V. Sokolov and others. Zhur. prikl. khim. 39 no. 2:362-369 F '66.

NAPHTHALENE—SPECTRA

The method of simple calculations. A. V. Sechkarov, N. I. Dvorovenko. Izv. vuz. ucheb. zav. i fir. 9 no. 1:11-15 '66.

NAPHTHALENESULFONIC ACID

Reaction between sulfonic acids and alcohols. V. M. Nikitin, I. A. V. Nikitin. Izv. vuz. ucheb. zav. i fir. 8 no. 9:132-134 '65.

NAPHTHENES

Isomerization of bicyclic naphthalenes with isolated rings to compounds of the decalin series. I. O. Delone, L. N. Stukanova, A. I. Petrov. Neftekhimika 5 no. 3:313-319 My-Je '65.

Synthesis of polycyclic naphthalenic hydrocarbons. E. M. Terent'eva and others. Neftekhimika 5 no. 3:320-321 My-Je '65.

NAPHTHENIC ACIDS

Esters of petroleum naphthalenic acids with mono- and polyatomic alcohols and phenols. A. G. Iamslov, S. D. Mekhtiev, R. A. Salimova. Izv. vuz. ucheb. zav. i fir. 1 gaz. 9 no. 1:59-82 '66.

Synthesis of naphthalenic acid nitriles. M. I. Akushkin, E. M. Bocharova. Khim. prom. 41 no. 11:813-814 N '65.

NAPHTHOIC ACID

Shift of a chlorine atom in dichloronaphthoic acids. V. A. Koptug and others. Zhur. org. khim. 2 no. 3:465-470 Mr '66.

NAPHTHOL

Compounds with two electron-donor systems. Part 3. Color phenomena in the derivatives of N-(phenylglycyl)-O-(1-nitrobenzoyl)-1, 2-aminonaphthol. E. A. Smirnov, A. V. Malgolina. Zhur. org. khim. 2 no. 3:456-459 Mr '66.

NAPHTHOQUINONE

Interaction of 2, 3-dipiperidyl- and 2-arylamino-3-(1-piperidyl)-1, 4-naphthoquinones with hydrochloric acid. A. I. Rudina, K. I. Matoshina, E. P. Fokina. Izv. SO AN SSSR no. 11:561-564, no. 3:122-125 '61.

NAPOLEON I—INVASION OF RUSSIA, 1812 see Russia—Invasion of 1812

NARCOTICS—PHYSIOLOGICAL EFFECT

Characteristics of hyperkinesia caused by narcotics in guinea pigs. G. A. Plashnik. Farm. i toks. 20 no. 1:105-107 Ja-F '66.

NASIR-I KHUSRAW, 1001ca -1088

Ashurov, G. A. [Nasir-I Khusrav's philosophical views; based on analysis of his treatise "Zad-al-musafirin"] Filosofskie vglyady Nasir-i Khusrava, na osnovie analiza traktata "Zad-al-musafirin." Pod red. M. Radzhabova. Dushanbe, Akad. nauk Tadzhikskoi SSR, 1965, 112 p.

NATALI, VLADIMIR FRANKOVICH, 1890-1965

In memory of Vladimir Frankovich Natali. Genetika no. 12:88-189 Ja '66.

NATIONAL SOCIALISM see subdivision under Germany

NATIONALISM

Bochkova'skiy, O. I. [The science of the nation and its life] Nauka pro natsiiu i li zhizn. New York [Hoversha] 1958. 70 p. (Seria Studiiu-naukovi materialy, no. 2) (CoU)

NATIONALITIES

(see also subdivision under Ukraine)

Determining the conception of the socialist nation. V. V. Rudnev. Ukr. ist. zhur. 10 no. 1:54-61 Ja '66.

Ukubovskaya, S. I. [Formation and development of the Soviet multinational state] Obrazovanie i razvitiye sovetskogo mnogonatsional'nogo gosudarstva. Moskva, Znaniye, 1965, 45 p. (Novoe v zhizni, nauke, tekhnike. I Seria: Istoriya, no. 3)

A large family. A. Sharifov. Mol. Pomm. no. 1:101-105 Ja '65.

The nation as a social and ethnic community of men. M. S. Dzhusanov. Vop. ist. 41 no. 4:16-30 Ap '66.

Russia (1923—U.S.S.R.) Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the U.S.S.R., sixth session, October 1-2, 1965. Verbatim report] Zasedaniya Verkhovnogo Soveta SSSR shestogo sozyva, shchisla sessiya (1-2 oktobra 1965 g.). Stenograficheskii otchet. Moskva, Izd. Verkhovnogo Soveta SSSR, 1965, 278 p.

Uniform multinational culture. N. Dzhandil'din. Kommunist 42 no. 5:62-71 Mr '66.

NATURAL GAS see Gas, Natural

NATURAL RESOURCES

(see also subdivision under Moldavia; Yakutia)

First Conference on the Utilization of Nature held in Astrakhan. K. P. Kochetova, I. U. N. Kurachkovskii. Izv. Vses. geog. ob-va 98 no. 1:89-91 Ja-F '66.

NATURAL SELECTION

Approachement of the specific subspecies coloration of two sharply differentiated subspecies by selection in laboratory animals. S. S. Shvarts, A. V. Pokrovskii. Zool. zhur. 45 no. 1:119-124 '66.

NATURE STUDY

This was in Bratovshchina. N. Kholodovskaya. Nar. obr. no. 3:85-87 Mr '65.

NAUTICAL ASTRONOMY

Dip of the horizon as an important correction in nautical astronomy. K. Kazanskii. Mor. flot 26 no. 2:26-31 F '66.

NAVAL ARCHITECTURE

Frid, E. G. [Ship construction] Ustroistvo sudna. Leningrad, Sudostroenie, 1966. 223 p.

Relation between the permissible variations of plate thickness and the strength characteristics of ship structures. G. V. Bolisov. Sudostroenie 58 no. 1:11-13 Ja '66.

NAVAL ART AND SCIENCE

Methods of evaluating possibilities and the determination of the order of safety measures. I. A. S. Dymniakii. Mor. shor. 49 no. 4:26-32 Ap '66.

Theory of decision making and the control of forces. V. S. Pirumov, D. S. Rall', R. I. Trukhaev. Mor. shor. 49 no. 4:20-28 Ap '66.

NAVAL EDUCATION

Do not relax educational work on a cruise. B. I. Zakharev. Mor. shor. 49 no. 3:80-82 Mr '65.

Increase the quality of teaching naval affairs. S. M. Tsyganov. Mor. shor. 49 no. 4:52-55 Ap '66.

"Know by heart..." V. I. Michurin and others. Mor. shor. 49 no. 1:44-49 Ap '66.

The officer's work with personnel. A. M. Bas-Basov. Mor. shor. 49 no. 4:40-44 Ap '66.

NAVAL MUSEUMS see subdivision under Petropavlovsk-Kamchatskiy

NAVIES

(see also subdivision 'Navy' under Russia; United States)

Fleets in conflicts of the postwar period. A. K. Markov. Mor. shor. 49 no. 4:76-82 Ap '66.

NAVIGATION

From experience in navigation and seamanship. B. G. Shamshev. Mor. shor. 49 no. 4:82-86 Ap '66.

Shchelintina, A. I., ed. [Practical manual for navigators] Prakticheskoe rukovodstvo dlia shiurmanov. Moskva, Transport, 1965, 558 p.

NAVIGATION—INFORMATION SERVICES

Improve the collection of materials on navigation. D. Shargel. Mor. flot 26 no. 2:22 F '66.

NAVIGATION (AERONAUTICS)

Airplane piloting with the assistance of artificial earth satellites. N. Kondrat'ev, V. Odintsov, V. Savchenko. Av. kosm. 44 no. 1:63-69 '62.

Construction of a procelion-type navigation system. A. F. Khokhlov. Trud. VZEL no. 29:38-48 '65.

NEAR EAST—DESCRIPTION AND TRAVEL

Dantsig, B. M. [Russian travelers in the Near East] Russkie puteshestvenniki na Blizhnem Vostoke. Moskva, Mysl', 1965, 270 p.

NEAR EAST—ECONOMIC CONDITIONS

Akademika nauk SSSR. Institut narodov Azii. [Problems in the economics and history of the countries of the Near and Middle East] Problemy ekonomiki i istorii stran Blizhnego i Srednego Vostoka; sbornik statei. Moskva, Nauka, 1966, 236 p.

NEAR EAST—HISTORY

Akademika nauk SSSR. Institut narodov Azii. [Problems in the economics and history of the countries of the Near and Middle East] Problemy ekonomiki i istorii stran Blizhnego i Srednego Vostoka, sbornik statei. Moskva, Nauka, 1966, 236 p.

NEBULAR HYPOTHESIS

Darwin, Sir George Howard. [The tides and kindred phenomena in the solar system. Translated from the English] Priliv i rodstvennye im yavleniya v Solnechnoi sisteme. Izd. 2. Moskva, Nauka, 1965, 250 p. (CLU)

NECK

Paths of the flow of lymph from the muscles of the ventral region of the neck and the topography of the carotid lymphatic duct in a horse. A. L. Kim. Trudy Mosk. vet. akad. 18 no. 2 pt. 1:121-120 '57.

NECK—SURGERY

Large branchiogenic lateral cysts of the neck. V. A. Kostovskii. Khirurgiya 42 no. 3:96-99 Mr '66.

NECTARIES

Anatomical structure of the nectaries of buckwheat (Fagopyrum sagittatum Billb.), milkweed (Asclepias cornuti Decne.) and pumpkin (Cucurbita pepo L.). O. A. Zauralov, S. A. Suvorova. Bot. zhur. 51 no. 1:14-19 Ja '66.

NEFTYANYE KAMNI OIL FIELD

The city resting on piles will be more beautiful. V. Bogomolov. Neftnik 10 no. 12:28 D '65.

NEGLIGENCE

Fault as a condition of liability in delivery contracts. E. Gik'ner. Sov. iust. 30 no. 9:7-8 Mr '66.

NEGRO ART

Festival of African Art. Vsesoyuzn. Nov. vrem. 23 no. 16: 30-32 Apr '66.

NEGROES see subdivision under Mississippi

NEISSERIA GONORRHOEAE

Electron microscopy of ultrathin gonococcal sections, N. M. Ovchinnikov, V. V. Delektorskii. Vest. dermat. i ven. no. 6:49-55 '65.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1921-1977

Siepanov, N. L. [Nekrasov and Soviet poetry] Nekrasov i sovetskaya poezia. Moskva, Nauka, 1969. 238 p.

NELIUBIN, ALEKSANDR PETROVICH, 1785-1858

Role of A. A. Iovskii and A. P. Nelliubin in the development of the technology of medicinal forms and galenicals, A. M. Fil'kin. Apt. delo 14 no. 3:77-82 My-Je '65.

NEMATOCIDES

Chemical preparations for controlling Nematoda. V. I. Chelakina. Khim. v sel'sk. khoz. 4 no. 3:35-45 Mr '66.

Effectiveness of new nematocides in controlling root knot nematode on vegetables. D. M. Sadykhov. Trudy AzSTAZRA 2:29-35 '61.

Evaluating nematocides in controlling Meloidogyne infestation of tree species. V. S. Treskova. Trudy AzSTAZRA 2:23-28 '64.

Treating plants with Meloidogyne infection. V. S. Treskova. Trudy AzSTAZRA 2:104-112 '64.

NEMATODA

(see also subdivision under Borzhomi District; Tsiloli-Tskaro District)

Biology of Heterakis infesting chickens. A. N. Osipov. Trudy Mosk. vet. akad. 18 no. 2 pt. 1:21-20 '57.

Epidemiology of Heterakis infestation in chickens. A. N. Osipov. Trudy Mosk. vet. akad. 18 no. 2 pt. 1:30-42 '57.

NEMATODE DISEASES OF PLANTS

(see also subdivision under Moldavia)

New methods of treating nematode diseases. A. A. Spasnikii. Priroda no. 2:110-117 F '65.

NEODYMIUM COMPOUNDS

Complex formation of neodymium III with ethylenediaminetetraacetic acid in aqueous solution. I. U. P. Galaktionov, K. V. Asakhov, N. M. Zhirnova. Zhur. neorg. khim. 10 no. 10:2385-2388 Q '65.

NEOMETHYMYCIN

Unsaturated acids and macrocyclic lactones. Report No. 17. Synthesis of compounds related to neomethymycin, L. D. Bergelson, A. N. Grigor'yan. Izv. AN SSSR, Ser. khim. no. 2:282-285 '66.

NEOMYCIN

Dehydrogenase activity of Actinomyces fradiae at different intensities of neomycin biosynthesis. G. A. Penzlikova, M. M. Levitov. Antibiotiki 11 no. 3:213-217 Mr '66.

NEOPRENE—OPTICAL PROPERTIES

Light scattering and hydrodynamic behavior of macromolecules of polychloroprene rubbers in solution. Part I: Light scattering and viscosity of nitril KP in benzene solutions. L. G. Melkonian, R. V. Bagdasarian, A. V. Geyorkian. Izv. AN Arm. SSR, Khim. nauki 17 no. 5:483-490 '64.

NEPAL—SOCIAL LIFE AND CUSTOMS

Customs of the mountain tribes (to be continued). John Morris. Az. i Afr. seg. 9 no. 3:50-52 Mr '65.

NEPHELINE SYENITE

Trusova, I. F., and V. I. Chernov. [Petrography of igneous and metamorphic rocks; syenites and nepheline syenites] Petrografia magmaticheskikh i metamorficheskikh porod; silynty i nefelinozovye silynty. Moskva, Mosk. geologorazvedochnyi in-t im. S. Ordzhonikidze, 1965. 24 p.

NEPHELITE see subdivision under Siberia

NEPTUNITE

Three-dimensional silicon-oxygen framework in the crystal structure of neptunite. S. V. Borisov and others. Dokl. AN SSSR 186 no. 4:933-936 F '66.

NEPTUNIUM COMPOUNDS

Complex formation in nonaqueous solutions. Part 7: Extraction of neptunium (IV) by tributyl phosphate. V. N. Usachev, A. A. Chelkorski. Radiokhimiya 8 no. 1: 48-51 '66.

Oxidation-reduction reactions of actinide elements Part 1: Kinetics of reactions between neptunium (IV) and neptunium (VI) in perchlorate solutions. A. G. Rykov, G. N. Iakovlev. Radiokhimiya 8 no. 1:20-26 '66.

Oxidation-reduction reactions of actinide elements Part 2: Kinetics of reaction between neptunium (IV) and neptunium (VI) in nitrate solutions. A. G. Rykov, G. N. Iakovlev. Radiokhimiya 8 no. 1:27-32 '66.

Potassium and cesium neptunyl tricarbonates. D. S. Gorbunov-Germanov, R. A. Zenkova. Zhur. neorg. khim. 11 no. 3:520-528 Mr '66.

NEPTUNIUM ISOTOPES

Conversion electrons accompanying Am²⁴¹ alpha-decay, and the level scheme of Np²³⁷. L. N. Kondrat'ev, E. F. Tit'nikov. Izv. AN SSSR, Ser. fiz. 30 no. 3:306-393 Mr '66.

NEPTUNYL COMPOUNDS

Potassium neptunyl tricarbonate. D. S. Gorbunov-Germanov, V. D. Klimov. Zhur. neorg. khim. 11 no. 3:518-519 Mr '66.

NEREKHTA DISTRICT—STOCK AND STOCKBREEDING

We look ahead with confidence. I. Vlasov. Agitator 33 no. 4:7-9 F '66.

NERSESIAN, GRACH'IA, 1895-

Grach'ia Nersesian. Levon Akhverdian. Teat. 26 no. 7: 86-92 Ji '65.

NERVES

Changes in the biophysical parameters of the surface layers of the protoplasm of mollusk neurons under the effect of ionizing radiation. V. I. Bohomol'ski, V. A. Mal'skiy. Fiziol. zhur. [Ukr.] 12 no. 1:63-69 Ja-F '66.

Changes in the tigrifid substance of neurons under the effect of radio waves. V. S. Blokrnytskiy. Fiziol. zhur. [Ukr.] 12 no. 1:70-78 Ja-F '66.

Granulation in intravitaly stained cells of the chick embryo's neural tube at various stages of development. V. F. Puchkov. Tsitologiya 8 no. 1:30-36 Ja-F '66.

Luminescence of giant nerve fibers during excitation. I. G. Shtrankfeld, G. M. Frank. Biofizika 9 no. 3:321-326 '64.

Measurement of the frequency spectrum of afferent impulses in an onchic nerve trunk. A. V. Zeyev, V. M. Khakurin. Fiziol. zhur. 52 no. 3:258-264 Mr '66.

Periodic transformation of the nerve fiber rhythm with gradually changing properties. I. U. L. Arshavskii and others. Biofizika 9 no. 3:365-371 '64.

Reproduction of nerve cells. Kh. Tseret. Trudy Mosk. vet. akad. 22 no. 2:28-29 '56.

NERVES, PERIPHERAL

Blocking of peripheral adrenergic systems in addition to the regulation of blood circulation. M. D. Mashkovskii. Vest. AMN SSSR 21 no. 4:28-37 '65.

Effect of hypothermia on the regeneration of peripheral nerves; experimental study. A. R. Vinnitskii. Klin. khir. no. 6:41-43 '65.

Possible role of mucopolysaccharides in the regulation of the peripheral nerve inhibition in Crustacea. V. G. Ovechkin. Fiziol. zhur. 52 no. 1:66-72 Ja '66.

NERVES, PERIPHERAL—DISEASES

Diseases of the lumbosacral region of the peripheral nervous system in miners of an oil shale combine. V. A. Makarova and others. Trudy LIETIN no. 18:149-155 '65.

Late results of acupuncture treatment and the capacity for work in patients with diseases of the lumbosacral region of the peripheral nervous system. V. I. Doronina-Butkareva. Trudy LIETIN no. 18:128-139 '65.

NERVES, SPINAL

Depression of the electric reaction of the dorsal spinal root. T. M. Mamontov. Fiziol. zhur. [Ukr.] 12 no. 1: 20-26 Ja-F '66.

Mechanism of prolonged contralateral effects in the spinal cord following solitary stimulations. V. I. Sol'tanis. Fiziol. zhur. 52 no. 1:34-39 Ja '66.

Morphological changes in the sympathetic and spinal ganglia in practically healthy dairy cows. I. V. Ivanov. Trudy Mosk. vet. akad. 22 no. 2:91-95 '56.

NERVES, SPINAL—DISEASES

Significance of the leucocytic blood reaction in medical expertise of the capacity for work in lumbosacral radiculitis. I. U. G. Suvid. Trudy LIETIN no. 18:140-149 '65.

NERVES, SPINAL—SURGERY

Effect of the section of the dorsal root on mono- and polysynaptic reflexes of the spinal cord. L. A. Savos'kina. Fiziol. zhur. 52 no. 1:40-45 Ja '66.

NERVOUS SYSTEM

Activity of copper oxidase in the blood and cerebrospinal fluid of patients with syphilitic lesion of the central nervous system. N. L. Tumashova, A. M. Borisenko. Zhur. nevr. psikh. 66 no. 3:391-393 '66.

Akademii nauk SSSR, Institut biologicheskoi fiziki. [Effect of space flight factors on functions of the central nervous system] Vliyanie faktorov kosmicheskogo poleta na funktsii tsentral'noi nervnoi sistemy. Moskva, Nauka, 1966. 271 p.

Changes in the nervous system following extremely re-plantation accompanied by complications, an experimental morphologic study. S. K. Lapin, V. V. Shuvaev. Eksp. zhur. khir. i anest. no. 4:58-62 '65.

Comparative evaluation of the action of microwaves with different frequency bands on the nervous system of rats, sensitive to an acoustic stimulator. I. A. Kiteeva-Pala. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:39-42 '64.

Classification of methods of studying higher nervous activity. M. O. Lohvyn. Filos. prikl. such. psich. no. 4: 139-149 '65.

Durlov, R. A. [Central structure of afferent systems] Tsentral'naya struktura afferentnykh sistem. Pod red. V. N. Chernigovskogo. [Leningrad] Meditsina, 1965. 185 p.

Effect of centrophenoxone on the higher nervous activity in dogs. V. Petkov, S. Popov. Farm. i toka. 29 no. 1:8-12 Ja-F '66.

Effect of continuous superhigh frequency electromagnetic fields on the central nervous system. Z. M. Gvozdkova and others. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:20-25 '64.

Effect of superhigh frequency pulse electromagnetic fields on the central nervous system following a single and prolonged irradiation. I. N. Zentka. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:26-33 '64.

Effect of the central nervous system on the cardiac activity in rabbit fetuses. L. A. Pionin. Fiziol. zhur. 52 no. 1:73-79 Ja '66.

Kholodov, I. U. A. [Effect of electromagnetic and magnetic fields on the central nervous system] Vliyanie elektromagnitnykh i magnitnykh polov na tsentral'nuyu nervnuyu sistemu. Moskva, Nauka, 1966. 282 p.

Mechanism of the effect of centrophenoxone on the nervous system. M. L. Tarakhova-Kry, I. I. Silyko, I. B. Symon. Fiziol. zhur. [Ukr.] 12 no. 1:108-110 Ja-F '66.

Nervous system in tetanus; clinical morphological study. G. A. Akimov, D. I. Smeshinov, G. N. Tsybulskii. Zhur. nevr. i psikh. 66 no. 3:329-334 '66.

Optic isomerism and pharmacological effects of a series of substances of a mediator action, a review of literature. E. P. Zaitsepin. Farm. i toka. 27 no. 6:750-756 N-D '61.

Participation of hormones and the nervous system in the regulation of the activity and synthesis of enzymes in glucose-6-phosphate metabolism and glyconeogenesis. V. S. Ulin. Vop. med. khim. 12 no. 1:3-23 Ja-F '66.

Role of some segments of the nervous system in the mechanism of action of stimulating and depressive drugs. S. I. Arbuzov, M. I. Nikiforov. Farm. i toka. 27 no. 6:746-750 N-D '64.

NERVOUS SYSTEM—CONGRESSES

Results of the conference dedicated to the motor analyzer, and its connections in morphological, physiological, and clinical aspects. N. N. Bogolepov, E. N. Papova. Vest. AMN SSSR 21 no. 4:93-95 '66.

NERVOUS SYSTEM—DISEASES

(see also subdivision under Bulgaria)

Blood glutamine in narcolepsy patients. A. U. Makarov, L. A. Sachkova. Trudy LIETIN no. 18:111-116 '65.

Changes in the nervous system in diabetes mellitus. Z. Kh. Mekhtlova. Azerb. med. zhur. 41 no. 12:34-39 D '64.

Clinical aspects and pathogenesis of some syndromes of lesions of the nervous system in patients with rheumatoid polyarthritis. D. T. Kulmov, N. F. Bakula. Zhur. nevr. i psikh. 66 no. 3:370-374 '66.

Clinical aspects and therapy of neurological complications in operations for pulmonary tuberculosis. M. G. Fainberg, R. A. Beasovataia. Probl. tub. no. 3:46-49 '65.

Clinical changes in the nervous system caused by the action of radio waves of different ranges. M. N. Sadchikova. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:110-113 '64.

Current problems of medical expertise of the capacity for work in diseases of the nervous system. P. A. Makkavel'skii. Trudy LIETIN no. 18:5-17 '65.

Experience in the observation and treatment of patients with some diseases of the nervous system in a military unit. A. T. Tishchenko. Voen.-med. zhur. no. 2:178-179 F '66.

From the office of a psychoneurologist. S. Fainberg. Doshk. vosp. 39 no. 3:89-91 Mr '66.

Lesion of the nervous system in hyperinsulinism (syndrome of lateral amyotrophic sclerosis in adenoma of the pancreas). E. S. Averbukh, V. L. Efimenko. Zhur. nevr. i psikh. 66 no. 3:445-450 '66.

Parin, V. V., ed. [Present-day problems of physiology and pathology of the nervous system] Sovremennye problemy fiziologii i patologii nervnoi sistemy. Moskva, Meditsina, 1965. 382 p.

(DNLM)

Principles of expertise of the capacity for work in occupational diseases of the nervous system. A. M. Veger. Trudy LIETIN no. 18:18-23 '65.

Problems of diagnosis and expertise of capacity for work in narcolepsy. A. U. Makarov, L. A. Sachkova. Trudy LIETIN no. 18:103-110 '65.

Study of gold distribution in the cerebrospinal fluid in some nervous diseases by the method of neutron activation. T. I. Chikovani and others. Soob. AN Gruz. SSR 41 no. 1:245-249 Ja '66.

Vestibular neuronitis. V. S. Olssov. Zhur. nevr. i psikh. 66 no. 3:398-402 '66.

NERVOUS SYSTEM—MOLLUSCS

Nerve cells of the nudibranch mollusk *Tritonia diomedea* Beigh. B. N. Vepintsev, I. V. Kinst, D. A. Sakharov. *Biophysika* 9 no. 3 327-336 '61

NERVOUS SYSTEM—SURGERY

Dogolegov, N. K., ed. [Current problems of neurology and neurosurgery, papers of the Department of Nervous Diseases of the 2d Moscow Medical Institute, of the Department of Neurology and Neurosurgery of the Erivan Medical Institute, and of the Department of Neurosurgery of the Central Institute for Postgraduate Training of Physicians of Moscow] Aktual'nye problemy nevrologii i neirokhirurgii, trudy kafedry nervnykh boleznei II MMI, kafedry nevrologii i neirokhirurgii Erivanskogo Meditsinskogo Instituta i kafedry neirokhirurgii TsIU vrachei Moskvy. Erevan, 1983. 300 p.

[DNLM MICROFILM]

NERVOUS SYSTEM, AUTONOMIC

Electrophysiological characteristics of afferent and efferent impulses in vegetative nerves under conditions of chronic experiment. A. D. Nozdrukhov. *Fiziol. zhur.* 52 no. 1:46-56 Ja '66.

Role of the vegetative nervous system in the reflexory defensive reaction of a frog organism to the introduction of plasmin into the blood stream. T. M. Kallishvskaya, G. A. Morozova, G. V. Andreenko. *Dokl. AN SSSR* 167 no. 1:235-237 Mi '66.

Study of disrupted correlations between cortical activity and some vegetative functions in alcoholism according to data on EEG, pneumography, and electrodermography. N. F. Baskina. *Zhur. nevroi. psikh.* 66 no. 3 408-417 '66.

Use of the Gomori method and lead impregnation in histochemical and morphological studies of some extramural ganglia of the vegetative nervous system. N. N. Petropavlovskina. *Trudy Mosk. vet. akad.* 22 no. 2:7-14 '58.

NERVOUS SYSTEM, PARASYMPATHETIC

Functional state of the parasympathetic nervous system under the effect of neuropsychic mixtures, experimental data. G. A. Tagiev. *Azerb. med. zhur.* 13 no. 3 40-35 Mi '66.

NERVOUS SYSTEM, SYMPATHETIC

Electrical functions of the cerebral and visceral ganglia of the freshwater bivalve snail mollusk under the effect of potassium salts. V. A. Sokolov. *Fiziol. zhur.* 52 no. 1:14-21 Ja '66.

Morphological changes in the sympathetic and spinal ganglia in practically healthy dairy cows. I. V. Ivanov. *Trudy Mosk. vet. akad.* 22 no. 2:81-86 '58.

Pharmacological effects on the neural regulation of coronary blood circulation. N. V. Kaverina. *Vest. AMN SSSR* 21 no. 4:9-15 '66.

Some new probable ways of pharmacological effect on the regulation of the activity of the cardiovascular system. M. L. Ilienko. *Vest. AMN SSSR* 21 no. 4, 34-39 '66.

Treatment of obliterative endarteritis with prolonged novocaine block of the lumbar sympathetic ganglia. A. I. Novichenko. *Klin. khir.* no. 4:52-54 '65.

Vasomotor effects originating in response to the stimulation of sympathetic fibers with volleys of differently shaped impulses. I. M. Rodionov. *Fiziol. zhur.* 52 no. 3:265-272 Mr '66.

NERVOUS SYSTEM, SYMPATHETIC—DISEASES

Cardiac pain syndrome in patients with coronary atherosclerosis complicated by inflammation of the sympathetic trunk and its treatment. E. I. Sorokina. *Sov. med.* 29 no. 1:85-90 Ja '66.

NERVOUS SYSTEM, VASOMOTOR

Effect of some tertiary and quaternary quinuclidine derivatives and related compounds on the cholinergic systems of the body. K. A. Zaitseva, M. D. Mashkovskii, L. F. Roshchina. *Farm. i toki* 27 no. 6:680-690 N-D '64.

Pharmacological properties of the sodium salt of 6-anti-cyclidene-bis-barbituric acid. P. I. Lukienko, V. M. Vvedenskii. *Farm. i toki* 27 no. 6:672-675 N-D '64.

Regulation mechanisms of regional and zonal blood circulation. M. E. Marshak. *Vest. AMN SSSR* 21 no. 4:137-44 '66.

Studies on the effect of morphine and promedol on the bulbous vasomotor center. G. V. Kovalev. *Farm. i toki* 27 no. 6:685-690 N-D '64.

Vasomotor effects originating in response to the stimulation of sympathetic fibers with volleys of differently shaped impulses. I. M. Rodionov. *Fiziol. zhur.* 52 no. 3:265-272 Mr '66.

NESTEROV, PETR NIKOLAEVICH, 1887-1914

Pages of history. Kryl. rod. 17 no. 4:15 Ap '66.

NETHERLANDS—CITY PLANNING

Cities of the Netherlands. N. Krasheninnikova. *Sov. arkh.* no. 17:143-152 '65.

NETHERLANDS—AGRICULTURE—MAPS

Agrochemical services in the Netherlands. I. G. Vazhenin. *Agrokhimia* no. 3:160-165 Mr '66.

NETROPSIN

Antibiotic 12782 of the netropsin group. V. S. Muzaev, V. A. and others. *Antibiotiki* 11 no. 3:231-239 Mr '66.

NEUROLOGY

Dogolegov, N. K., ed. [Current problems of neurology and neurosurgery, papers of the Department of Nervous Diseases of the 2d Moscow Medical Institute, of the Department of Neurology and Neurosurgery of the Erivan Medical Institute, and of the Department of Neurosurgery of the Central Institute for Postgraduate Training of Physicians of Moscow] Aktual'nye problemy nevrologii i neirokhirurgii, trudy kafedry nervnykh boleznei II MMI, kafedry nevrologii i neirokhirurgii Erivanskogo Meditsinskogo Instituta i kafedry neirokhirurgii TsIU vrachei Moskvy. Erevan, 1983. 300 p.

[DNLM MICROFILM]

NEUROPSYCHIATRY

Clinical characteristics of disorders of the emotional sphere in infectious lesions of the diencephalon. A. I. Kaitkovnikov. *Zhur. nevroi. psikh.* 66 no. 3 381-386 '66.

Organization of special workshops for job placement of persons with neuropsychic disorders as one of the effective measures of their social and work readaptation. A. S. Borzunova. *Trudy LITIN* no. 18 278-280 '65.

Psychoprophylactic measures in the units of a military district and their effectiveness. G. A. Villunov, and others. *Voen.-med. zhur.* no. 2 16-18 F '66.

Ushakov, G. K. [Prevention of neuropsychic disorders in children] Profilaktika nervno-psichicheskikh rasstroystv u detei. Moskva, Izd-vo "Znanie," 1966. 43 p. (Narodnyi universitet Fakul'tet zdorov'ia, no. 4)

NEUROPSYCHOPHARMACOLOGY

Histochemical study of the activity of acid phosphatase and the concentration of orthophosphates in the nervous system of the intestine during the action of some neurotropic substances. Kh. TSerev. *Trudy Mosk. vet. akad.* 22 no. 2 15-27 '58.

NEUTRINOS

Analysis of the possible effects caused by a magnetic particle in outer space. L. I. Dorman, I. U. N. Okulov, Koami. *uchi* no. 7:178-180 '65.

Recording of natural neutrinos. *Atom. energ.* 20 no. 2 190 F '65.

NEUTRINOS—SCATTERING

Neutrino scattering by electrons in W-meson theory. I. U. G. Pavlenko, I. U. P. Ivanov. *Izv. vys. uchob. zav.* 9 no. 1:81-84 '66.

NEUTRON BEAMS

Cross section of the production of charged π -mesons in (n - p)-collisions at an effective neutron energy of 585 Mev. S. G. Basildze, P. F. Ermolov, K. O. Oganesian. *Plas. i ved. Zhur. eksp. i teoret. fiz.* 3 no. 4:163-165 F '66.

NEUTRON BOMBARDMENT

Channel analysis of Pu^{238} fission by neutrons. P. E. Vorotnikov and others. *Iad. fiz.* 3 no. 3:479-486 Mr '68.

Effect of neutron bombardment on the properties of high alloyed ferritic steels. Sh. Sh. Ibragimov, I. M. Voronin, A. I. Ladygin. *Atom. energ.* 20 no. 2:137-140 F '66.

Electrons emitted during fission and from fragments in the fission of uranium nuclei by neutrons of various energies. G. E. Belovitskii. *Iad. fiz.* 3 no. 3:468-175 Mr '66.

Kinetic energy of fragments from Pu^{238} fission by thermal and resonance neutrons. G. Z. Borukhovich, D. M. Kaminker, G. A. Petrov. *Iad. fiz.* 3 no. 3:470-478 Ma '66.

NEUTRON SOURCES

Determining the negative reactivity by the method of "shooting" the source. F. S. Dizdov, A. S. Rychev. *Atom. energ.* 20 no. 1:74-75 Ja '66.

Time dependence of the neutron yield from (Ra + ^{232}Th)-Be sources. A. I. Khovanovich, V. F. Kokovikhin. *Atom. energ.* 20 no. 1:58-60 Ja '66.

NEUTRON SOURCES—SPECTRA

Approximate similarity of neutron fields engendered by sources having different spectra. D. A. Kozhevnikov. *Atom. energ.* 20 no. 2:159-161 F '66.

NEUTRONS

Activation detector of thermal neutrons. T. V. TSotakhidze, V. M. Pel'ker, M. A. Kolomitsaev. *Atom. energ.* 20 no. 3:272-273 Mr '66.

The Cr^{50} (n, γ) Cr^{51} reaction thermal neutrons. V. I. Belavuzova, E. A. Rudak, I. A. I. Firau, Vestsi AN BSSR, Ser. fiz.-mat. nav. no. 1:128-130 '66.

Delayed neutrons in the photofission of heavy nuclei. O. P. Nikitin, K. A. Petrzhak. *Atom. energ.* 20 no. 3:268-270 Mr '66.

Individual photodisimetry of neutrons by the use of indium. E. I. Zelmanov and others. *Atom. energ.* 20 no. 1:54-55 Ja '66.

The (n, α) reaction on Ag and Br nuclei at a neutron energy of 18 Mev. V. A. Kuz'min, D. P. Lefterov, V. I. Ostroumov. *Iad. fiz.* 3 no. 3:449-454 Mr '66.

Reflection of fast neutrons from a water surface. L. M. Shirkina. *Atom. energ.* 20 no. 3:267 Mr '66.

Solution to Milne's problem for a multiplying medium in two-group approximation. I. A. Isakova. *Atom. energ.* 20 no. 2 141-142 F '66.

Study of delayed neutrons generated in the fission of ^{123}Sn nuclei by 14.7 Mev. neutrons. M. Butsko. *Atom. energ.* 20 no. 2 153 F '66.

NEUTRONS—CAPTURE

Burnup in a plane layer. V. N. Artamkin, A. V. Voronkov. *Atom. energ.* 20 no. 1:87-88 Ja '66.

De-excitation of nickel nuclei on capturing a thermal neutron. I. V. Groshev, A. M. Demidov, N. Shadiev. *Iad. fiz.* 3 no. 3:441-118 Mr '66.

Effect of resonance capture on the distribution of neutrons in an infinite medium. I. A. Kozachok. *Geofiz. sbor.* no. 7:59-71 '65.

NEUTRONS—EFFECT ON PLANTS see Plants, Effect of neutrons on

NEUTRONS—EFFECT ON SEEDS see Seeds, Effect of neutrons on

NEUTRONS—MEASUREMENT

Integral method for measuring the quantity $\beta_{eff}/1$. A. I. Mogil'nev, G. F. Kivilev. *Atom. energ.* 20 no. 2 157-159 F '66.

Measurement of fast neutron fluxes in an IRT-2000 reactor. K. K. Baimugur, D. A. Gubalova, R. A. Kemper. *Atom. energ.* 20 no. 2 155-157 F '65.

NEUTRONS—PHYSIOLOGICAL EFFECT

Effect of neutrons on radiation on the activity of tissue proteinases (cathopsins) in the brain and cardiac muscles in rats. S. T. Snydkhov. *Izv. AN Azerb. SSR, Ser. biol. nauk* no. 5 112-116 '65.

NEUTRONS—SCATTERING

Angular distribution of neutron doses scattered by screens. E. A. Kramer-Ageev, V. S. Tishin. *Atom. energ.* 20 no. 2:161-162 F '66.

Angular energy distribution and neutron doses scattered in water. L. M. Shitkin. *Atom. energ.* 20 no. 2 162-164 F '66.

Inelastic scattering of slow neutrons by polyethylene. P. G. Ivantitskii, V. T. Kolenko. *Atom. energ.* 20 no. 1:30-35 Ja '66.

Interaction of fast neutrons with matter. P. S. Ostashev, V. E. Kolosov. *Iad. fiz.* 3 no. 3:439-143 Mr '68.

Scattering of cold neutrons in irradiated KBr and NaCl crystals. E. L. Andronikashvili and others. *Plas. i ved. Zhur. eksp. i teoret. fiz.* 3 no. 4:173-177 F '66.

Scattering of medium energy neutrons. I. A. Korzh, M. V. Pasechnik, I. A. Totskii. *Atom. energ.* 20 no. 1:8-17 Ja '66.

Temperature dependence of the diffusion parameters for neutrons in water and ice. A. V. Antonov, B. V. Granatkin, I. U. Merkulaev. *Atom. energ.* 20 no. 2:164-165 F '66.

NEVA RIVER ESTUARY—HYDROLOGY

Baldin, S. S., ed. [Hydrology of the estuary region of the Neva] *Gidrologia ust'evoi oblasti Nevy. [By] N. A. Skriptunov i dr.* Moskva, Gidrometeoizdat, 1965. 382 p.

NEW STATES see States, New

NEW YORK (CITY)—THEATER

New York in the intervals between performances. N. Alekseev. *Tsart* 26 no. 7 156-161 Ji '65.

NEW ZEALAND—EPIDOTE

Find of hydrothermal epidote in Wairakei, New Zealand. A. Shteiher. *Izv. AN SSSR, Ser. geol.* 31 no. 1:67 Ja '68.

NEWCASTLE DISEASE—MICROBIOLOGY

Changes in hereditary properties of Newcastle disease virus in the course of passages in the tissue culture at lower temperature. S. G. Matkushin, I. U. Z. Gendon. *Genetika* no. 1:99-100 Ja '66.

NEWCASTLE DISEASE—PREVENTIVE INOCULATION

Effect of the method of vaccination on the intensity of immunity in chicks with Newcastle disease. F. S. Kudravyaev, Z. I. A. Chistova, V. N. Shurin. *Veterinarnia* 42 no. 1:30-41 Ja '66.

NEWS AGENCIES see subdivision under Vietnam, South

NEWSPAPER AND PERIODICAL CIRCULATION see subdivision under Prienai District

NEWSPAPER PUBLISHING

(see also subdivision under Luga, Leningrad Province)

Improve the publication of newspapers of industrial boards. V. Kolbovets. *Polligrafia* no. 6:33-34 Je '64.

NEWSPAPERS

(see also subdivision under Brest Province, Communist countries; Stockholm)

Internationalism is the most significant tradition of the Bolshevik press. R. P. Orsopian. *Vest. Mosk. un.* Ser. 7: Filol., zhur. 20 no. 6:24-35 N-D '65.

NEWSPAPERS (Continued)

Journalist and printer V. N. Kuznetsov. *Poligrafia* no. 6 32-33 Je '64

Why we do not agree with Comrade Mytsenko's suggestion. V. I. Kuznetsov. *Poligrafia* no. 5 35-36 Je '64

NGUEN'A, MALANGATANA VALENTE

The proud heart of Mozambique. V. Tsopli. *Az. i Afr.* seg. 9 no. 3 28-29 Mr '66

NGUYEN, DU, 1765-1820

A pride of Vietnamese poetry. N. Nipulin. *Az. i Afr.* seg. 9 no. 3 47 Mr '66

NICHOLAS I, 1796-1855

Nicholas I on M. I. Lermontov. M. A. Imanitova. *Vop. arkh.* 9 no. 4 62-62 O-N '64

NICKEL

Coprecipitation of nickel traces with magnesium hydroxide (basic salts) from magnesium sulfate solution. V. T. Chulko, V. I. Doroshkov. *Zhur. neorg. khim.* 11 no. 3 555-563 Mr '66

Determination of nickel in the urine using coprecipitation with cadmium sulfide. L. E. Gorn, A. D. Miller. *Lab. delo* no. 3 163-164 '66

NICKEL—METALLURGY

Effect of alloying elements on the deoxidizing properties of carbon in nickel in vacuum. K. A. Malasarin, S. V. Kraskovskii, F. P. Edneral. *Izv. vys. ucheb. zav. chem. mel.* 9 no. 3 68-72 '66

Graphic methods of calculating the charge in shaft furnace smelting of oxidized nickel ores. B. N. Zakharov. *TSvet. mel.* 36 no. 2 32-38 F '66

NICKEL ALLOYS

Treatment of nickel alloys prior to applying ceramic coatings. N. S. Demchenko, K. P. Azarov. *Zhur. prikl. khim.* 39 no. 2 333-337 F '66

NICKEL ALLOYS—HARDENING

Hardening and recovery of nickel alloys with aluminum oxide. V. A. Borok and others. *Metalloved. i term. obr. mel.* no. 3 29-32 Mr '66

NICKEL ALLOYS—METALLOGRAPHY

Dendritic and zone heterogeneity in KhN87VMTiU and KhN90VMTiU alloys. L. N. Zilina and others. *Metalloved. i term. obr. mel.* no. 3 33-35 Mr '66

NICKEL ALLOYS—METALLURGY

Effect of various boron additions on the properties and weldability of the E1437 alloy. G. A. Pavlichuk, I. U. M. Popov. *Avtom. svar.* 19 no. 3 75-76 Ja '66

NICKEL ALLOYS—TESTING

Mechanical properties of the E1827 alloy at low temperatures. D. B. Lebedev and others. *Metalloved. i term. obr. mel.* no. 3 54-55 Mr '66

NICKEL CATALYSTS

Promotion of a Raney nickel catalyst by zirconium. T. Kabiev and others. *Dokl. AN SSSR* 166 no. 4 871-873 F '66

NICKEL-COPPER ALLOYS

Temperature dependence of the thermomagnetic effect in nickel-copper alloys. V. M. Myndyev, T. M. Iusupov. *Izv. AN Turk. SSR. Ser. fiz. i tekhn. khim. i geol. nauk* no. 5 57-61 '65

NICKEL ELECTRODES see Electrodes, Nickel

NICKEL-IRON ALLOY PLATING see Iron-nickel alloy plating

NICKEL ORGANIC COMPOUNDS see Organonickel compounds

NICKEL OXIDES

Chemisorption of mixtures on NiO. S. Z. Roginskii, I. U. N. Rulov. *Kin. i kat.* 7 no. 1 136-143 Ja-F '65

NICKEL PLATING

Chemical nickel and cobalt plating. A. M. Kharitonuk. *Metalloved. i term. obr. mel.* no. 3 57-59 Mr '66

Effect of surface-active substances on the porosity and adhesion of nickel coatings. N. A. Smagunova, N. N. Balashova. *Zashch. met.* 2 no. 2 213-215 '66

Joint discharge of ions in the electrolytic deposition of metals with alternating current application. Part I: Behavior of copper impurities in the sulfuric electrolyte during zinc plating and of copper and zinc in the electrolyte during nickel plating. A. K. Krivtsov, V. A. Khamaev. *Izv. vys. ucheb. zav. khim. i khim. tekhn.* 8 no. 6 881-888 '65

Kinetics of the cathodic decomposition of thiourea during the electrodeposition of nickel. I. U. K. Vagis, A. I. Bodnevskiy, I. U. Matulis. *Zashch. met.* 2 no. 2 201-205 '66

Mechanism of the effect of coumarin and paratoluensulfonamide in the electrodeposition of nickel. M. I. A. Popereka, V. I. Avramenko. *Zashch. met.* 2 no. 2 206-212 '66

Thick-layer nickel and molybdenum plating. G. T. Bakhtvalov, V. I. Lainer, A. S. Maslennikova. *Izv. vys. ucheb. zav. i tsvet. met.* 9 no. 1 148-152 '65

NICKEL SULFATES

Interaction of sodium borohydride with nickel sulfate in a water-ammonia medium. V. I. Mikheeva, N. N. Mal'kova, Z. K. Sterliadkina. *Zhur. neorg. khim.* 10 no. 10 2380-2381 O '65

NICKEL SULFIDES

Some problems of the oxidation kinetics of a lower nickel sulfide. F. T. Bunazhkov. *Izv. vys. ucheb. zav. i tsvet. met.* 9 no. 1 25-30 '66

NICOTINIC ACID—PHYSIOLOGICAL EFFECT

Effect of chronic administration of excess nicotinic acid on the incorporation of radioactive acetate into cholesterol and on the tissue microstructure. S. I. Shushayev, M. P. Kuz'mytskiy, U. I. Blokhin. *Zhur.* 38 no. 1 33-38 '66

Pharmacological study of the preparation nicotol. B. M. Klebanov. *Farmatsev. zhur.* 10 no. 6 16-51 '63

NIGERIA—COMMUNIST PARTY

The Workers' Party of Nigeria. P. Manckha. *Agitator* 39 no. 6 50-61 Mr '66

NIGERIA—POLITICS AND GOVERNMENT

Nigeria. G. Sergeev. *Mezhdunar. zhizn'* 13 no. 1 153-155 '66

NIGERIA—POLYGAMY

The family problem in Nigeria. K. Karpovich. *Az. i Afr.* seg. 9 no. 3 15 Mr '66

NIGHTSHADE

Effect of soil drought and increased temperature on the accumulation of glycoalkaloids and soluble sugars in nightshade. N. M. Ismailov, S. M. Aslanov. *Izv. AN Azerb. SSR. Ser. biol. nauk* no. 5 10-15 '65

Solanum bulbocastanum Dun., a promising species in potato breeding. N. A. Lebedeva. *Genetika* no. 2 64-68 '66

NIKITIN, IVAN NIKITICH, ca. 1688-1742

Ivan Nikitin and the time of Biren. N. M. Moleva. *Vop. ist.* 41 no. 4 208-213 Ap '66

NIKOLAEV, ANDRIAN GRIGOR'EVICH, 1929-

Birth of a stellar brotherhood. A. Nikolayev. *Av. i kosm.* 46 no. 12 7-12 '62

Nikolayev, A. G. [We shall meet in orbit] *Vostroimslia na orbitu*. Moskva, Voenizdat, 1966. 226 p.

NIKOLAEVA-TERESHKOVA, VALENTINA VLADIMIROVNA, 1937-

I am dreaming about future flights. V. Nikolaeva-Tereshkova. *Av. i kosm.* no. 3 43-46 Mr '66

NIKOLAI, Bishop of Lvov and Ternopol'

A consecration ceremony in the Tbilisi-Sergiev Monastery. V. Politylo. *Zhur. Mosk. Patr.* no. 2 25-30 '66

NIKOLAYEV PROVINCE—HOTBEDS

We are building hotbeds with electric heating. D. Zakovortin, I. Zinchyk. *Sil. Bud.* 15 no. 3 7-9 Mr '65

NIKOLAYEV PROVINCE—TUBERCULOSIS

Detection and treatment of pulmonary tuberculosis in Nikolayev Province. I. A. Katslan. *Probl. tub.* no. 5 10-13 '65

NIKOL'SKII SERGEI MIKHAILOVICH, 1905-

Sergei Mikhailovich Nikol'skii, on his 60th birthday. V. K. Dzilydyk, A. N. Kolmogorov, L. D. Kudrinskiy. *Usp. mat. nauk* 20 no. 5 275-287 S-O '65

NIKOPOL' REGION (UKRAINE)—MANGANESE MINES AND MINING

Supporting the workings at the mines of the Nikopol' Manganese Basin. A. G. Barlas, I. S. Zifera. *Gor. zhur.* no. 3 34-37 Mr '66

NIKOPOL' DISTRICT—IRON ORES

Geological and economical characteristics of the Chernomyk iron ore deposit. M. L. Gendin. *Izv. vys. ucheb. zav. i geol. i razv.* 9 no. 1 115-117 Ja '66

NILIN, PAVEL FILIPPOVICH, 1903-

At the sources of P. F. Nilin's literary work; some problems concerning the creation of his tales "Cruelty" and "The probationary period." N. A. Teronina. *Vest. LGU* 19 no. 20 77-89 '64

NIOBATES

Orthorhombic of transition metals with rutile structure. V. N. Samoilova, V. N. Strekalovskii, E. I. Krylov. *Zhur. neorg. khim.* 10 no. 10 2384-2386 O '65

NIOBIUM see subdivision under Isaykku' Depression

NIOBIUM—METALLURGY

Dressing niobium containing ores with the use of complex-forming collectors. S. I. Gorlovskii, N. P. Khobolova, N. E. Shchukina. *TSvet. met.* 39 no. 2 17-12 F '66

NIOBIUM CHLORIDES

Inter action of niobium and tantalum chlorides with tri-n-butyl phosphate. O. I. Kol'sov and others. *Zhur. neorg. khim.* 11 no. 3 577-578 Mr '66

Liquid-crystal and liquid-vapor equilibrium in the NbCl₅—Al₂Cl₆ system. L. A. Nizel'son and others. *Zhur. neorg. khim.* 10 no. 10 2339-2340 O '65

NIOBIUM COMPOUNDS

Complexing in the system niobium (V)—diethylpyrimethane thiocyanate ion. A. K. Babko, M. M. Taranenko, *Zhur. neorg. khim.* 11 no. 3 548-554 Mr '66

NIOBIUM-VANADIUM-TITANIUM ALLOYS

Kinetics and activation energy of oxidation of alloys in the system Nb—V—Ti. D. A. Prokoshkin, I. V. Vana, I. I. Ieva, E. M. Laraiyev. *Zhur. prikl. khim.* 39 no. 2 323-327 F '66

NITRAGEN

Conditions improving the effectiveness of nitragin in Light Chestnut soils. K. A. Erumich. *Sbor. nauch. rab. Volg. gos. ped. inst.* no. 1 30-35 '61

NITRATION

Nature and kinetics of accumulation of benzene nitrates products in aqueous solutions of sodium nitrate. A. I. Chernova, V. D. Orlov. *Kin. i kat.* 7 no. 1 40-51 Ji-F '66

Nitration of lignin isolated from spruce wood by mechanical milling method. N. N. Shorygina, N. P. Mikhailov, D. V. Lopatin. *Khim. prirod. soed.* 2 no. 1 66-65 '66

NITRIC ACID

Accelerated method of anhydrous organic pharmaceutical preparations with the fumes of nitric acid. B. I. Sedel'man, D. M. Ruditskii. *Apt. delo* 14 no. 3 43-45 My-Je '65

Oxidation-reduction reactions of actinide elements Part 2. Kinetics of reaction between neptunium (IV) and neptunium (VI) in nitrate solutions. A. G. Rykov, G. N. Iakubov. *Radiochimia* 8 no. 1 27-32 '66

NITRIDES

Forms of nitrogen state in alloys of the system iron—chromium—nitrogen. L. I. Levil, O. M. Borlova. *Izv. vys. ucheb. zav. i chem. met.* 9 no. 3 171-173 '69

NITRIDES—CONGRESSES

All-Union Interinstitute Seminar on Methods of Preparation, Properties and Fields of Use of Nitrides. M. D. I. Iul'ia, A. B. Goncharuk. *Porosh. met.* 6 no. 2 100-109 b '66

NITRILES

Chemical transformations of *o*-chlorocarboxylic acid nitriles. E. I. Vasileva, R. Kh. Fieldina. *Izv. AN SSSR. Ser. khim.* no. 2 263-267 '66

Synthesis of naphthalene acid nitriles. N. I. Akumkin, E. M. Bocherova. *Khim. prom.* 41 no. 11 813-814 N '65

Synthesis of tantalum nitrile chloride in nitrobenzene. M. A. Glushkova, M. M. Franova, I. U. A. Buslaev. *Zhur. neorg. khim.* 10 no. 10 2376-2378 O '66

NITRITES

Properties of saturated solutions at 25°C in the system KNO₂—Ca(NO₂)₂—H₂O. P. I. Protasenko, B. S. Medvedev. *Zhur. neorg. khim.* 10 no. 10 2347-2350 O '65

NITRO COMPOUNDS

Interaction of nitro compounds with aliphatic alcohols in the presence of aluminum oxide. N. S. Korlov, V. S. Pasternak. *Zhur. org. khim.* 2 no. 3 461-463 Mr '66

Reduction of nitrobenzene and *o*-nitrophenol on a palladium/polyethylene terephthalate catalyst. D. V. Sokol'skii, S. F. Lakin, O. A. Turenkova. *Zhur. fiz. khim.* 40 no. 3 732-737 Mr '66

NITROBENZENE

Exchange of an amino group for aromatically combined chlorine. Part 12: Kinetics of the reaction of *o*-nitrochlorobenzene and its *p*-nitroethylsulfonate on tri-fluoromethyl derivatives with ammonia in methyl alcohol. L. A. Kozoraz, S. M. Shein, N. N. Vorozhkov. *J. Zhur. ob. khim.* 36 no. 3 424-428 Mr '66

Hydrogenation of nitrobenzene in a buffer solution. S. M. Reshetnikov, A. M. Sokol'skii. *Izv. AN Kazakh. SSR. Ser. khim. nauk.* 14 no. 3 13-70 Ji-S '64

Intermolecular reaction of nitrobenzene with acetone. A. I. Deich. *Zhur. ob. khim.* 36 no. 3 387-393 Mr '64

NITROCELLULOSE—SPECTRA

Infrared spectra of partially substituted nitro esters of polyacetylenic acid. I. N. Ermolenko and others. *Zhur. prikl. khim.* 39 no. 2 458-460 F '66

NITROGEN

Activation of peat nitrogen. L. M. Maevskina, B. F. Sergeev, V. I. Lashkov. *Vest. ob. khim. nauk* 10 no. 6 52-54 Ja '65

Balance and metabolism of amine nitrogen in Actinomyces sphaeroides under different conditions of culturing. V. A. Severina, V. S. Fonin. *Antibiotiki* 11 no. 3 188-203 Mr '66

Molecular interaction between oxygen and nitrogen in the region of repulsion. I. U. N. Beliaev, V. B. Leonas. *Zhur. tekhn. fiz.* 36 no. 2 353-357 F '66

NITROGEN—ANALYSIS

Stoic of nitrogen impurity in natural diamonds. T. V. Sobolev, N. D. Samsonenko, S. V. Lenskaya. Izv. SO AN SSSR, no. 11 Ser. khim. nauk, no. 3:156-157 '64.

NITROGEN—EFFECT ON PLANTS see Plants, Effect of nitrogen on

NITROGEN—FIXATION

Effect of molybdenum on nitrogen fixation by *Mycobacterium*. T. K. Il'ina. Mikrobiologiya, 35 no. 1:155-161. Ja-F '66.

NITROGEN FERTILIZERS

(see also subdivision under Japan)

Milk productivity of cows when using nitrogen fertilizers in cultivated pastures. A. S. Emel'yanov, V. D. Kuznetsov. Khim. v sel', khoz., 4 no. 3:62-64. Mr '65.

NITROGEN-FIXING MICRO-ORGANISMS see Micro-organisms, Nitrogen-fixing

NITROGEN METABOLISM

Characteristics of energy and nitrogen metabolisms of the brain in acute radiation sickness. I. I. Vekaler. Vop. med. khim., 12 no. 1:26-30. Ja-F '66.

Study of complete nitrogen metabolism in chicks as related to their feeding with iodine preparations. Z. P. Dzhafarova. Izv. AN Azerb. SSR, Ser. biol. nauk, no. 5:108-111 '65.

NITROGEN OXIDES

Decomposition and oxidation of nitrous oxide in an electric discharge. B. V. Sirakhov, N. I. Kobozov, Zhur. fiz. khim., 40 no. 3:706-708. Mr '66.

Kinetics of absorption of nitrogen peroxide by a sulfonitrile mixture. I. E. Ioshina, A. A. Belkin. Zhur. prikl. khim., 39 no. 2:271-277. F '65.

Removal of nitrogen oxides from coke-oven gas. A. I. Trofimov. Kokh. i khim., no. 2:42-43 '66.

NITROGLYCERIN—PHYSIOLOGICAL EFFECT

Effect of amiriz, iprazide and nitroglycerin on the coronary circulation in experimental spasms of the cardiac vessels. P. A. Bendiuk. Farm. i toka, 27 no. 6:595-609. N-D '66.

NITROPARAFFINS

Aliphatic fluoronitro compounds. Report No. 4. Reduction of polyfluoronitroalkanes. I. I. Kuznetsov and others. Izv. AN SSSR, Ser. khim., no. 2:250-253 '66.

O-methyl ether of dinitromethane in the reaction of 1,3-dipolar cyclic addition. V. A. Tatarovskii, and others. Izv. AN SSSR, Ser. khim., no. 2:370-372 '66.

NITROBATION—THERMODYNAMICS

Indirect method of determining the thermodynamic constants of nitrosation reactions of amines and of formation of nitrous acid esters. R. M. Iasumas, S. I. Burmistrov. Ukr. khim. zhur., 32 no. 1:50-55 '66.

NIZHNIY TAGIL—MINES

Peslov, D. F. [Look back as you go] Oglanis' v puti. Moskva, Sovetskaya Rossiya, 1966. 190 p. (My - rabochel)

NIZHNIY TAGIL—ROLLING MILLS—LABOR PRODUCTIVITY

At the blooming mill of the Nizhny Tagil Metallurgical Combine. A. Zhuravlev. Metallurgii, no. 3:34. Mr '66.

NOBEL PRIZES

Nobel Prize in physics for 1965. A. F. Andreev, B. P. Pitaevskii. Priroda, no. 2:116-118. F '66.

Theory of intracellular regulation; Nobel Prize in physiology and medicine for 1965. K. A. Kaffani. Priroda, 55 no. 3:61-64 '66.

NOISE CONTROL

Studying the noise in the hardware manufacturing shops of car repair plants. G. V. Butakov, N. V. Blukhin. Trudy TSNI MPS, no. 200:21-24 '65.

Studying the noise structure in passenger cars at traffic speeds ranging from 130 km/h to 160 km/h. G. V. Butakov, N. P. Tagov. Trudy TSNI MPS, no. 200:25-33 '65.

NOMADS see subdivision under Kirghizistan

NOMOGRAPHY (MATHEMATICS)

Nomogram for determining Prandtl's criterion for certain liquid metals. A. K. Chernyshev. Atom. energ., 20 no. 1:49-70. Ja '66.

Ruzlova, N. P. [Lectures on the elements of nomography] Lektsii po osnovam nomografii. Moskva, Univ. družby narodov im. Patrisa Lumby, 1965. 29 p.

NON-EUCLIDEAN GEOMETRY see Geometry, Non-Euclidean

NONBORNEDICARBOXYLIC ANHYDRIDE

Lacquer polyester resins containing chloroformic anhydride. M. P. Sorokin, E. I. Chibigova, Lakokras. mat. i ikh prim., no. 1:4-9 '66.

NONDESTRUCTIVE TESTING

Effective method, attaching transducers (receivers) for an oscillating testing of elements. R. G. Komisarzhil, L. A. Polonskii. Stroi. i inzh. Len., 28 no. 2:21. F '66.

Pavlov, B. V. [Cybernetic methods of technical diagnosis] Kiberneticheskie metody tekhnicheskogo diagnostiki. Moskva, Mashinostroenie, 1966. 149 p.

Studying the properties of ferromagnetic ceramic metal materials by the eddy current method. V. A. Danilenko, A. V. Zimin. Prosh. met., 6 no. 2:92-96. F '66.

NONENE

Liquid-phase oxidation of 1-nonene. R. N. Abadzhiev, R. V. Kucher. Neftekhimiya, no. 4:526-535. Ja-Ag '65.

NONFERROUS INGOTS—COOLING

Temperature field of an ingot being cooled by radiation from its surface. A. A. Uglov, V. F. Bruchovskikh. Izv. AN SSSR, Met., no. 1:102-106. Ja-F '66.

NONFERROUS METAL INDUSTRIES

(see also subdivision under Ural Mountain region)

Guest the 23rd Congress of the CPSU with new successes in the production of nonferrous and rare metals. P. I. Lomako. TSvet. met., 39 no. 1:1-6. Ja '66.

NONFERROUS METAL INDUSTRIES—CONGRESSES

Fourth Congress of the Scientific Technological Society of the Nonferrous Metal Industries. I. U. T. Skolnikov. TSvet. met., 39 no. 2:177-185. F '66.

Fourth Economic Conference. L. S. Polner. TSvet. met., 39 no. 2:85-86. F '66.

NONFERROUS METAL INDUSTRIES—SCHEDULING

In the front lines of the struggle for technical progress. A. P. Rudnev. TSvet. met., 39 no. 2:1-4. F '66.

NONFERROUS METALS

Determining the economic efficiency of dressing areas of nonferrous metals. A. Kh. Doman, B. Kh. El'chinskoy. Izv. vys. ucheb. zav. gor. zhur., 8 no. 1:40-43 '62.

Rapid method of germanium determination in sulfide complex metal materials. N. N. Proshchukova, A. I. Salova, G. A. Agarkova. Izv. vys. ucheb. zav., khim. i khim. tekhn., 8 no. 6:1029-1030 '65.

NONFERROUS METALS—ELECTROMETALLURGY

Electric heating elements with graphite inserts. B. K. Loksha, N. N. Kubyshov, N. A. Stollarskii. TSvet. met., 39 no. 1:15-18. Ja '66.

NONFERROUS METALS—METALLURGY

Behavior of zinc amalgams in alkali solutions. M. I. Fridman, A. N. Rumyantseva. Izv. vys. ucheb. zav., isvet. met., 9 no. 1:49-58 '65.

Certain problems in the drying of nodules of a copper-nickel sulfide concentrate. I. A. L. Serchinsky. TSvet. met., 39 no. 2:22-27. F '66.

Gold and silver distribution in concentrates in the flotation of complex ores. V. A. Gromova. TSvet. met., 39 no. 2. 5-7. F '66.

Kinetics of manganese and silicon reduction by carbon from MnO and SiO₂ mixtures. V. V. Belenda and others. Met. i kokshim., no. 3:28-35 '65.

Losses of copper, nickel, and cobalt in reverbatory furnace slags. N. I. Uldin, N. M. Dargachev, I. M. Annanov. TSvet. met., 39 no. 1:49-51. Ja '66.

Role of melts in the process of the chlorination of metal oxides. S. A. Amirova, V. V. Pechkovskii, R. Kh. Kurmaev. Izv. vys. ucheb. zav., isvet. met., 9 no. 1:62-65 '66.

Theory of fuel economy by air preheating. A. I. Evdokimov. TSvet. met., 39 no. 1:33-37. Ja '66.

NONFERROUS METALS—WELDING

Electrical processes in flash butt welding of aluminum and copper. V. I. Khazov. Avtom. svar., 19 no. 2:15-19. F '66.

NONLINEAR DIFFERENTIAL EQUATIONS see Differential equations, Nonlinear

NONMETALLIC MATERIALS

Moskovskii institut elektronogo mashinostroyeniya. [Introductory lecture to the course "Technology of metals and nonmetallic materials"] Vvodnaya lektsiia k kursu "Tekhnologiya metallov i nemetallicheskih materialov." Moskva, 1965. 14 p.

NONWAGE PAYMENTS

Rakhlid, B. V. [Public consumption funds as an economic category] Obshchestvennye fondy potrobleniia kak ekonomicheskaya kategoriya. Moskva, Mysl', 1966. 169 p.

NONWOVEN FABRICS—TESTING

Studying the structural and mechanical properties of bonded nonwoven fabrics. V. B. Tikhomirov, V. E. Gusev. Izv. vys. ucheb. zav., tekhn. tekhn. prom., no. 1:99-103 '66.

NORADRENALINE—PHYSIOLOGICAL EFFECT

Effect of adrenaline and noradrenaline on the peripheral resistance of vessels of the hind leg. O. P. Stokov. Fiziol. zhur. [Ukr.] 12 no. 1:34-40. Ja-F '66.

NORANDROSTENONE

Variants of the total synthesis of d, 1-19-nortestosterone, J, 1-19-nor- Δ^4 -androstene-3, 17-dione and their stereoisomers. P. K. Kosheev, S. N. Annachenko, I. V. Torgov. Khim. prirod. soed., no. 3:180-188 '65.

NORIL'SK (KRASNOYARSK TERRITORY)—BLOOD PRESSURE

Arterial pressure in the residents of Noril'sk. G. L. Zubri, E. A. Kilmov. Sov. med., 27 no. 5:135-138. My '61.

NORIL'SK REGION (KRASNOYARSK TERRITORY)—FROZEN GROUND

Working permafrost soils in Noril'sk. G. Dakhno, A. Zaidel'. Zhil. i stol., no. 2:27-29 '66.

NORIL'SK REGION (KRASNOYARSK TERRITORY)—GAS, NATURAL—GEOLOGY

Prospects for and basic trends in the search for oil and gas in the Noril'sk region. B. V. Korney and others. Geol. netfi i gaza, 10 no. 1:10-15. Ja '66.

NORIL'SK REGION (KRASNOYARSK TERRITORY)—GEOLOGY, STRATIGRAPHIC

Cor. I. U. G. [Stratigraphy and flora of Upper Paleozoic sediments in the Noril'sk region] Stratigrafia i flora verkhnepaleozoiskikh uglenosnykh otlozhenii Noril'skogo raiuna. Leningrad, Nedra, 1965. 139 p. (Leningrad. Nauchno-issledovatel'skii institut geologii Araliki. Trudy, vol. 147)

NORIL'SK REGION (KRASNOYARSK TERRITORY)—PETROLEUM GEOLOGY

Prospects for and basic trends in the search for oil and gas in the Noril'sk region. B. V. Korney and others. Geol. netfi i gaza, 10 no. 1:10-15. Ja '66.

NORIL'SK REGION (KRASNOYARSK TERRITORY)—ROCKS, IGNEOUS

Mechanism of the injection of plastic trap intrusions in the Noril'sk region. A. V. Taisov. Biol. MOIP. Old. geol., 41 no. 1:34-112. Ja-F '66.

NORTH AMERICA—GEOLOGY, STRATIGRAPHIC

Comparison of the Pre-Cambrian of the East European Platform and North American Platform. N. P. Semerenko. Sov. geol., 8 no. 1:36-50. Ja '66.

NORTH ATLANTIC TREATY ORGANIZATION

NATO: What is the essence of the matter? A. Voronov. Nov. vrem., 23 no. 17:20-21. Ap '66.

New discussions in the "Atlantic club." L. Vidiasova. Mezhdunar. zhurn., 13 no. 4:66-65 '66.

NORTH KOREA see Korea, North

NORTH OSSETIA see Ossetia, North

NORTH SEA—HERRING—PRESERVATION

Research in the preservation of North Sea herring in chilled seawater. Part 1: Technological research. A. I. Pliskarev and others. Khim. tekhn., 43 no. 2:32-36. F '66.

Research in the preservation of North Sea herring in chilled seawater. Part 2: Biochemical study. S. I. Konopkova, J. Dancile, K. Pokraske, Khim. tekhn., 43 no. 2:36-40. F '66.

Research in the preservation of North Sea herring in chilled seawater. Part 3: Microbiological study. C. L. Moliseva. Khim. tekhn., 43 no. 2:41-42. F '66.

NORTH SEA—TRAWLS AND TRAWLING

SHPR-0069 in Odontogadus merlangus and shark fishes in the North Sea. V. Teplov, N. Ivanov. Rby. khoz., 42 no. 2:49-50. F '66.

NORTH SEA REGION—GAS WELL DRILLING

Drilling for oil and gas in the North Sea region. V. Makarov. Nef. khoz., 43 no. 12:62-65. D '65.

NORTH SEA REGION—OIL WELL DRILLING

Drilling for oil and gas in the North Sea region. V. Makarov. Nef. khoz., 43 no. 12:62-65. D '65.

NORTHERN ANYUY RANGE—LARCH

Northern limits of the distribution of Dahurian larch (Larix gmelinii) in the regions adjoining the Kolyma basin. Z. M. Neumenko. Bot. zhur., 51 no. 4:40-49. Ja '66.

NORTHERN CAUCASUS see Caucasus, Northern

NORWAY—WORLD WAR, 1939-1945—PRISONERS AND PRISONS, GERMAN

Lazhebnikov, A. E. [A boy from Narvik; a documentary story] Malchik iz Narvika; dokumental'naya povest'. [Moskva, Sovetskaya Rossiya, 1965] 111 p.

NUCLEIC ACIDS

Effect of decimeter waves on the nucleic acid content in animal organs. S. V. Nikoghosian. Trudy Lab. ekol. i ommag. pol. rad. AN SSSR no. 2:56-57 '64.

Effect of fast neutrons on the DNA synthesis in seedlings. V. I. Tokarskaya, A. M. Kuzin. Radiobiologiya 6 no. 1: 3-8 '66.

Effect of ionizing radiation on the content of nucleic acids of liver mitochondria in rats. V. V. Rudakov, V. M. Korotkiy. Biol. eksp. biol. i med. 61 no. 1:51-52 Ja '66.

Effect of γ -radiation on the synthesis and decay of fast-labeled RNA in HeLa cells. A. M. Kuzin, G. S. Kalendo. Radiobiologiya 6 no. 1:30-35 '66.

Effect of X rays on DNA content in the cell nuclei of a frog embryo. N. A. Gelashvili. Sobr. AN Gruz. SSR 41 no. 1:101-108 Ja '66.

Formation of complexes of deoxyribonucleic acid with subtilisin in a neutral medium during the process of thermal denaturation of proteins. I. D. Ivanov, E. E. Rakhleva. Biophysika 9 no. 2:277-281 '64.

Further study of DNA fragmentation and its connection with the age of an animal. B. I. Goldstein and others. Ukr. biokhim. zhur. 38 no. 1:18-25 '66.

Infections deoxyribonucleic acid of the polyoma virus. (Ukraine 13) Z. I. Merkulova. Vop. onk. 12 no. 2: 58-60 '66.

Infection of transport RNA oxidized by peroxidase with polycyclic acid hydrazide. D. G. Knoch, S. D. Myzina, L. S. Sandakchiev. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:135-142 '64.

Mathematical analysis of histograms and its application in studying the dynamics of DNA synthesis in the interphase nuclei. A. I. Shevchenko. Tsitologiya 8 no. 3: 120-125 Ja-F '66.

Mechanism of the inhibition of nucleic acid synthesis in the organism of irradiated animals. R. E. Libinon, I. A. Tseveleva. Radiobiologiya 6 no. 1:9-12 '66.

Molecular morphology of transfer ribonucleic acids. Some hydrodynamic and optical properties of molecules in organic solvents. V. N. Tsvetkov and others. Biophysika 9 no. 3:257-255 '64.

Nucleic acids and their biological role. B. F. Vanfushin. Zemledelo 28 no. 2:82-89 F '66.

Optical properties and molecular structure of nucleic acids and their components. JI. Thermodynamic parameters of protolytic reactions of nucleic acids and their relation to DNA and RNA structure. B. I. Sukhorukov, V. I. Poltev, L. A. Blumenfeld. Biophysika 9 no. 3: 269-278 '64.

Possible use of acridine orange in the ultraviolet cyto- spectrophotometry of nucleic acids. V. G. Vladimirov and others. Tsitologiya 6 no. 1:128-130 Ja-F '66.

Quantitative changes in the proteins of adenoblasts following inhibition of the ribosome RNA synthesis by aurantin. V. I. Boudskii, N. V. Nodlaeva. Dokl. AN SSSR 166 no. 5:1211-1213 F '66.

Reaction of nucleic acids with metals. E. E. Krise, K. B. I. Aitmirskii. Usp. khim. 35 no. 2:310-365 F '66.

Reduplication of messenger ribonucleic acid as one of the possible mechanisms of epigenesis. L. P. Ashmerlin. Vest. LCU 21 no. 3:70-76 '66.

Reutilization of labeled DNA by the cells of a regenerating adrenal gland. M. I. A. Nekhludova. Biol. eksp. biol. i med. 61 no. 1:73-76 Ja '66.

Study of the competence of Escherichia coli lysozyme spheroplasts as related to infectious DNA phages. B. N. Il'yashenko, S. I. Dilitkin. Mikrobiologiya 35 no. 1: 122-127 Ja-F '66.

Utilization of temperature sensitive (ts) T4D phage mutations in studying the genetic control of DNA synthesis. S. I. Alkhanov and others. Genetika no. 2:16-28 '66.

NUCLEONS

Yield of secondary nucleons from fast shielding and their angular distribution under 660 Mev proton bombardment. V. A. Konshin, E. S. Malusevich, V. I. Rogushevskii. Atom. energ. 20 no. 2:132-137 F '66.

NUCLEOPROTEINS

Analysis of some radiation injuries in deoxyribonucleo- proteins at molecular and supermolecular levels. P. I. Tselin and others. Izv. AN SSSR. Ser. biol. no. 2:197-211 Mr-Apr '66.

NUCLEOTIDES

Circular dichroism and the sequence of nucleotides in nucleic acids. G. D. Zavil'gell'ki, T. V. Venskern, A. A. Baev. Dokl. AN SSSR 166 no. 4:978-980 F '66.

Free liver nucleotides in experimental atherosclerosis. N. P. Odushko. Vop. med. khim. 12 no. 1:48-51 Ja-F '66.

Nucleotides in dissociation forms of Bacillus brevis var. G-B. G. G. Zharikova, M. N. Pogozova, G. I. A. Makarova. Mikrobiologiya 34 no. 6:995-998 N-D '65.

NUCLEUS (CELLS) see Cell nuclei

NUMBERS, THEORY OF

Comparison of the sieves of A. Selberg and V. Brun. B. V. Levin. Usp. mat. nauk 20 no. 5:214-220 S-O '65.

Distribution of fractions of some linear forms in a unit square. B. Karimov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 10 no. 1:10-22 '66.

Number of fractional parts of certain linear forms in a rectangle. B. Karimov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 10 no. 2:21-28 '66.

Paskaver, I. S. [The law of large numbers and the regularities of a mass process] Zakon bol'shikh chisel i zakonomernosti massovogo protsesssa. [Moskva] Statistika, 1966 204 p.

NUMERICAL WEATHER FORECASTING

A difference scheme of operative short-range weather forecasting with a complete set of equations. S. A. Bortnikov. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 2:108-201 F '66.

Marchuk, G. I. [Numerical methods of solving problems of weather forecasting] Chislennyye metody resheniya zadach prognoza pogody. Moskva, Akad. nauk SSSR, 1965. 20 p. (Mezhdunarodnyy simpozium po dinamike krupnomasshtabnykh atmosferykh protsessov)

Matveev, L. T. [Dynamics of the formation and the forecasting of stratiform cloud systems] Dinamika formirovaniya i prognoz sloistobraznykh oblachnykh sistem. Moskva, Akad. nauk SSSR, 1965. 31 p.

NUMISMATICS

How to prepare a numismatic map. V. N. Rabinovich. Ukr. ist. zhur. 10 no. 2:88-93 F '66.

Role of the numismatic study rooms of the institutions of higher learning in the historical education of students. V. V. Zvaich. Ukr. ist. zhur. 10 no. 2:93-95 F '66.

NURSERIES

Problems in the organization of a system of preschool institutions in agricultural areas. N. M. Dumin. Stroitel. i arkhitekt. (Sbornik) no. 2:157-164 '65.

NURSERIES—DESIGN AND CONSTRUCTION

(see also subdivision under Ukraine)

Practices in designing and constructing consolidated institutions for children. L. G. Korol'. V. A. Svitsko. Stroitel. i arkhitekt. (Sbornik) no. 2:3-10 '65.

NURSES AND NURSING—HANDBOOKS, MANUALS, ETC.

Kovrigina, M. D., ed. [Manual for nurses of day nurseries] Rukovodstvo dlya cester detskikh tsitel. Moskva, Meditsina, 1966. 350 p. (DNLM)

NUT TREES see subdivision under Caucasus, Northern

NUTS—DISEASES AND PESTS see subdivision under Gissar Range

NYLON

Effect of some factors of the coefficient of friction of and. I. F. Rovnov, M. I. Khudiykh. Izv. vys. ucheb. zav., tekhn. prom. no. 1:163-167 '66.

Graft polymerization of acrylonitrile on capron fibers. A. I. Kurilenko, V. I. Glukhov. Dokl. AN SSSR 166 no. 1: 901-901 F '66.

Nylon throwing on slubbing frames for cotton manufacture V. I. Tomarovskii. Tekst. prom. 28 no. 3:28-30 Mr '66.

Some characteristics of the manufacture of woven interlocking tape fasteners. V. A. Rykhar. Lekh. prom. no. 1:46-19 Ja-F '66.

Use of capron self-blended yarn in half-woolen worsted fabrics. M. S. Palladova, L. G. Letos. Izv. vys. ucheb. zav., tekhn. i tekhn. prom. no. 1:14-18 '66.

NYLON—TESTING

Testing the thermoplastic properties of nylon fabrics. Report No. 4. E. P. Turchinskaya, A. I. Pavlov. Izv. vys. ucheb. zav., tekhn. i tekhn. prom. no. 1:21-25 '66.

OAK see subdivision under Caucasus, Northern

OAK—DISEASES AND PESTS

(see also subdivision under Moldavia; Yergeni Hills)

Increment changes in mixed oak forests under the effect of defoliation by insect pests. E. N. Ierusalimov. Izv. vys. ucheb. zav., les. zhur. 8 no. 6:52-55 '65.

OASES—IRRIGATION

Irrigation of oases as an effective way of establishing a feed supply on winter pastures. T. K. Abishev. Vest. sel'khoz. nauki [Kazakh.] 9 no. 2:88-80 F '66.

OB' RIVER—ALLUVIAL PLAINS

Typology of the floodplains of lowland rivers. R. S. Chalov. Izv. Vses. geog. ob-va 98 no. 1:54-57 Ja-F '66.

OB' VALLEY—MAN, PREHISTORIC

Some problems in the ancient history of the Ob'-Irtys interfluvium. M. F. Kosarev. Sov. arkh. 10 no. 2:24-32 '66.

OBITUARIES

In memory of the deceased. Zhur. Mosk. Pair. no. 2:34-35 '66.

In memory of our comrades, obituaries. Vnesh. torg. 46 no. 3:51 '66.

OCCUPATIONAL DISEASES

Principles of expertise of the capacity for work in occupational diseases of the nervous system. A. M. Voger. Trudy LIETIN no. 18:18-23 '65.

OCCUPATIONAL THERAPY

(see also subdivision under Ukraine)

Organization of special workshops for job placement of persons with neuropsychic disorders as one of the effective measures of their social and work readaptation. A. S. Bozhanova. Trudy LIETIN no. 18:276-289 '65.

Therapeutic manufacturing workshops in psychiatric hospitals as a stage in the occupational readaptation of patients. N. D. Bulkin. Trudy LIETIN no. 18:290-291 '65.

OCEAN BOTTOM see subdivision under Black Sea; Malacca, Strait of, Okhotsk, Sea of

OCEAN CURRENTS see subdivision under Atlantic Ocean; Caspian Sea, Mediterranean Sea; Pacific Ocean

OCEAN CURRENTS—MEASUREMENT

Characteristics of measuring low velocities of currents with BPV self-recorders. L. N. Belikov. Okeanologiya 6 no. 1:159-161 '66.

Measuring currents from a drifting vessel. V. G. Neiman. Okeanologiya 6 no. 1:161-164 '66.

OCEAN TEMPERATURE

Determination of the temperature of the sea surface from its thermal radio emission. A. S. Gulyaev, S. T. Lysikov. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 3:305-307 Mr '66.

Distribution of temperature and the wintering herring concentrations in the Norwegian Sea, 1956-1961. I. R. Abramenko. Mat. yb. khim. i sel. Sev. bas. no. 5:57-65 '65.

Role of effective radiation in the processes of winter cooling of the sea. G. V. Gidduk. Mat. yb. khim. i sel. Sev. bas. no. 5:123-127 '65.

OCEAN WAVES

(see also subdivision under Antarctic Ocean)

Experimental study of the relation of surface waves to the wave pressure in a circular channel. V. F. Tsyplyukhin. Okeanologiya 6 no. 1:38-45 '66.

OCEANIA—SOCIAL CLASSES

Formation of class society among the peoples of Oceania. V. R. Kabo. Nar. Az. i Afr. no. 2:57-68 '66.

OCEANOGRAPHIC DUOYS

Study of currents in the Atlantic Ocean according to data of multidiurnal buoy stations. E. M. Sauskann. Okeanologiya 6 no. 1:63-61 '66.

OCEANOGRAPHIC RESEARCH see subdivision under Black Sea, Cuba; Pacific Ocean

OCEANOGRAPHIC RESEARCH SHIPS

Most recent foreign oceanographic research vessels. V. L. Tsurkov. Okeanologiya 6 no. 1:176-185 '66.

OCEANOGRAPHIC RESEARCH STATIONS see subdivision under Mediterranean Sea

OCEANOGRAPHY

(see also subdivision under Antarctic Ocean; Arctic Ocean; Baltic Sea, Drake Passage, Indian Ocean)

Rudnev, K. M., and N. F. Pait. [Oceanographic methods in fishery research] Okeanograficheskie metody v rybnopromyslovyykh issledovaniyakh. Kaliningrad, Atlanticheskii nauchno-issled. inst. rybnogo khoz. i okeanografii, 1964. 108 p. [MICROFILM]

OCTANE

Two-step combustion of explosive mixture. Part 3: Kinetic zones of self-ignition of isooctane in air mixture at elevated pressures. S. A. Ivanovskii. Khim. i tekhn. 7 no. 1:21-28 Ja-F '66.

OCULOMOTOR NERVE

Evoked potentials of the cerebral cortex in cats following stimulation of the oculomotor nerves and the ophthalmic branches of the trigeminal nerve. D. P. Maifushkin, N. V. Shipova. Fiziolog. zhur. 52 no. 3:230-242 Mr '66.

Possible mechanisms of the oculomotor apparatus control. A. A. Petrov, V. G. Snagovich, B. G. Sushkov. Dokl. AN SSSR 166 no. 5:1226-1229 F '66.

ODE—VASIL'VA, KLAVIDIA VIKTOROVNA, 1902-1965

Klavdia Viktorovna Ode-Vasil'eva (Kell'baum Ode); an obituary. Nar. Az. i Afr. no. 2:249-250 '66.

ODESSA

History of the building of Odessa. V. I. Asievich. Stroitel. i arkhitekt. 12 no. 4:30-40 Ap '64.

ODESSA—BUILDING

Housing construction base and its development. B. Chelov. Stroitel. i arkhitekt. 12 no. 4:30-32 Ap '64.

ODESSA—BUILDINGS

New developments in the appearance of Deribasovskaya Street. O. Kosoverov, L. Shval'bina. Stroitel. i arkhitekt. 12 no. 4:18-20 Ap '64.

ODESSA—CITY PLANNING

For the beauty and improvement of public areas of the city. I. Kuflov. Stroil. i arkh. 12 no. 121-26 Ap '64.
Heroic city on the road to communism. M. Stutsa. Stroil. i arkh. 12 no. 11-3 Ap '61.
Michevsk, a new district of Odessa. I. Kornei. Stroil. i arkh. 12 no. 412-13 Ap '64.
Our city-planning problems. V. Shaparenko. Stroil. i arkh. 12 no. 111-12 Ap '61.

ODESSA—HARBORS

New port station. V. Golovin and others. Stroil. i arkh. 12 no. 115-16 Ap '64.
Seaport of Odessa. A. Danchenko. Stroil. i arkh. 12 no. 414 Ap '61.

ODESSA—INDUSTRIAL PLANTS

Industrialization of construction. B. Plontkovskii. Stroil. i arkh. 12 no. 120-30 Ap '64.

ODESSA—LANDSCAPE ARCHITECTURE

Odessa is planting trees and shrubs. N. Antalmov. Stroil. i arkh. 12 no. 123-24 Ap '64.

ODESSA—MACHINERY INDUSTRY—PRODUCTION STANDARDS

Krakovich, E.D. [Economy of the expenditure of labor in machinery manufacturing.] Ekonomika i organizatsiya mashinostroyeniya. Odessa, Malak, 1965. 17 p.

ODESSA—MOTORBUS LINES—STATIONS

Bus station in Odessa. S. Romdino, K. Shevchenko, L. Karnaikh. Stroil. i arkh. 12 no. 417-18 Ap '64.

ODESSA—MUSEUMS

Century of the Paleontological Museum of the I.I. Mechnikov Odessa State University. I.A. Odintsov. Paleont. sbor. [L'viv] no. 2 pt. 1 107-108 '65.

ODESSA—PUNCHED CARD SYSTEMS—CLEARING-HOUSE

Methods of accounting for the turnover of non-cash payments. E. Vatshteln. Den. i kred. 21 no. 325-31 Mr '66.

ODESSA—RADIOBROADCASTING

Give it the green light! N. Lutenko. Sov. radio i tel. 12 no. 115-16 Ap '61.

ODESSA—SANATORIUMS

In the sanatoriums of Odessa. I. Gaidman. Okhr. truda i zds. stakh. no. 330-30 Mr '66.

ODESSA—THEATER

Odessa, a theatrical city. Teatr. 26 no. 7111-141 Ji '65.

ODESSA—THEOLOGICAL SEMINARIES

An annual meeting at the Theological Seminary of Odessa devoted to its 20th anniversary. A. N. Kravchenko. Zhur. Mosk. Patri. no. 232 '66.

ODESSA PROVINCE—ANTIQUITIES

Girzhevo, a campsite of the Mesolithic period in Odessa Province; the excavations of 1962-1964. V. N. Stanko. Sov. arheol. 10 no. 298-103 '66.

ODESSA PROVINCE—AUDIO-VISUAL LIBRARY SERVICE

Filmstrips can supplement the books. A. Kolker. Biblioteka. 43 no. 320 Mi '66.

ODESSA PROVINCE—CITY PLANNING

Development of cities in Odessa Province. S. Serzhantov. Stroil. i arkh. 12 no. 47-10 Ap '64.

ODESSA PROVINCE—CONSTRUCTION INDUSTRY

Growth of the economy of Odessa Province. I. Pribyl'skii. Stroil. i arkh. 12 no. 432 Ap '63.
Specialization in housing and civil construction. A. Popov. Stroil. i arkh. 12 no. 428 Ap '64.

ODESSA PROVINCE—HEALTH RESORTS, WATERING PLACES, ETC

All-Union health resort today. S. Kolesnikov. Stroil. i arkh. 12 no. 421-22 Ap '64.

ODESSA PROVINCE—SOILS—MAPS

Practices in making cartograms of the macro- and microelement content of soils on some farms in Odessa Province. O. K. Dobrolyubskii, D. R. Krivokapich, A. A. Gernak. Khim. i sel. khoz. 4 no. 3 22-24 Mr '66.

ODESSA PROVINCE—VITICULTURE—FINANCE

Capital yield in viticulture. I. Bashura. Ekón. Rad. Ukr. 9 no. 354-59 Mr '66.

ODESSA REGION—CITY PLANNING

General plan of Odessa and its development. I. Perstkov. Stroil. i arkh. 12 no. 414-7 Ap '64.

OFFENSES AGAINST SOCIALIST PROPERTY

Analyze judicial practice. T. Koriagina. Sov. iust. 30 no. 6; 23-25 Mr '66.

Intensify the protection of socialist property. K. Pavlov, shehev, I. Kaganovich. Sots. zakon. 13 no. 3 3-6 Mr '66.

OFFICE PRACTICE IN GOVERNMENT

A wasted minute; a satirical sketch. A. Sukotshev. Agitator. 33 no. 4 18-19 F '66.

OFFSET PRINTING

Necessity for the granulation of the surface of offset printing forms. I. U. Boreziuk, V. Labinskii, B. Katerama. Poligrafia no. 614-15 Je '64.

Negative printing on aluminum foil. E. I. Sluzhitei. Poligrafia no. 621-25 Je '61.

Problems of work organization in the preparation of offset printing forms. R. S. Golova, I. F. Korovkin. Poligrafia no. 63-4 Jr '64.

OGRE DISTRICT—STATE FARMS—MANAGEMENT

Struggle for the improvement of economy is the main thing. A. Kozlovskii. Sov. profsoyuz. 22 no. 316-17 F '66.

OGRE DISTRICT—TRADE UNIONS

Struggle for the improvement of economy is the main thing. A. Kozlovskii. Sov. profsoyuz. 22 no. 316-17 F '66.

OHMMETER

Microohmmeter with a simple design. I. A. Chernyi. Prom. eneg. 20 no. 415 Ap '65.

OIL FIELD BRINES

(see also subdivision under Karabagly Oil Field; West Siberian Plain)

Control of salt deposition using a magnetic device. D. Agalarov and others. Neftanik. 11 no. 2 29-30 F '66.

Mixing of waters in flooding oil from a porous medium. F. M. Rzaeva. Azerb. neft. khoz. 46 no. 1-18-21 Ja '66.

OIL FIELD BRINES—ANALYSIS

Determining the microquantities of lithium in oil field waters. G. P. Aleksandrov, S. Kh. Sheremet'ev, V. I. Migovich. Geol. i geokh. neft. i gaz, mestorozh. no. 3: 123-128 '65.

OIL FIELD FLOODING

(see also subdivision under Buzovny-Mashtagi Oil Field, Romashkino Oil Field; Shkapovo Oil Field)

Dependence of oil recovery from layers on the spacing of production wells. M. G. Ovanov. Izv. vys. ucheb. zav., neft. i gaz. 0 no. 1-10-12 '66.

Mixing of waters in flooding oil from a porous medium. F. M. Rzaeva. Azerb. neft. khoz. 46 no. 1-18-21 Ja '66.

Solution of the problem of the linear system of the intensive flooding of a uniform layer. A. Sh. Kazymov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 5 113-116 '65.

OIL FIELDS

(see also subdivision under Siberia, Western)

Nature of geothermal anomalies above oil pools. V. H. Onadchyl. Dop. AN URSS no. 1116-119 '66.

OIL FIELDS—ELECTRIC EQUIPMENT

Experience in the operation of explosion-proof equipment in oil fields. S. I. Bak. Prom. eneg. 20 no. 428-30 Ap '65.

OIL FIELDS—EQUIPMENT AND SUPPLIES (see subdivision under Azerbaijan; Kuybyshev; Siberia, Western)

OIL FIELDS—FLUID DYNAMICS

Calculating the nonsteady petroleum flow in dissolved-gas pools. G. A. Khalikov. Izv. vys. ucheb. zav., neft. i gaz. 0 no. 1-63-67 '66.

Distribution of potential in a uniform-anisotropic layer. A. P. Tolkov. Izv. vys. ucheb. zav., neft. i gaz. 0 no. 1-75-76 '66.

OIL FIELDS—PRODUCTION METHODS (see Petroleum production)

OIL FILTERS—CLEANING

Cleaning oil filters. V. Paresintsev, N. Boev. Tekh. i sel. khoz. 20 no. 182-83 Ja '66.

OIL HYDRAULIC MACHINERY

Classification of hydraulic amplifiers. I. M. Krassov. Vest. mashinost. 46 no. 213-15 F '66.

Functional cyclograms for the analysis of complex electric and hydraulic systems. A. I. Dobrolyubov. Vest. mashinost. 46 no. 251-60 F '66.

Scientific technical conference on hydraulic drives and control. V. D. Nosov. Vest. mashinost. 46 no. 2: 85 F '66.

Using a battery hydrocyclone for cleaning power fluids of rodless hydraulic pumps of the sinking type. K. A. Babulov and others. Izv. vys. ucheb. zav., neft. i gaz. 0 no. 1 70-82 '66.

OIL HYDRAULIC MACHINERY—TESTING

Investigating the stability of a follow-up hydraulic drive. V. V. Kulevich. Samoletostr. i tekhn. vozd. flota no. 1: 120-131 '65.

OIL INDUSTRIES

(see also subdivision under Gornel')

Determining the economic efficiency of the expansion and technological progress of the oils and fats industry. N. A. Galushkina. Masl. i zhir. prom. 32 no. 124-28 Ja '66.
Results of the work of Shebekino and Volgogradsk. Khim.-razb. kombin. during the first half of 1951. P. D. Malakhov, V. V. Potemkin. Masl. i zhir. prom. 31 no. 1 39-10 Ja '65.

OIL INDUSTRIES—BY-PRODUCTS

Utilization of various residues for leather fat-liquoring. M. S. Ievit, M. I. Gusevskii, T. M. Kharchukova. Masl. i zhir. prom. 31 no. 1 34-35 Ja '65.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Reducing the expenditure of solvents. U. Z. Armukhamedov. Masl. i zhir. prom. 32 no. 1 9-10 Ja '66.

OIL INDUSTRIES—MANAGEMENT

Increasing the role of economic factors in the work of industries. Masl. i zhir. prom. 32 no. 1 1-4 Ja '66.

OIL POLLUTION OF RIVERS, HARBORS, ETC.

Experimental data on the oxygen consumption of seawater polluted by oil. I. O. Alakrisakala. Okeanologia 6 no. 1 89-97 '66.

Sanitary workers of the sea. I. O. Alakrisakala. Priroda no. 2 66-68 F '66.

OIL RESERVOIR ENGINEERING

(see also subdivision under Mishovdag Oil Field; Pechany Oil Field; Tuzmaz Oil Field)

Character of the change in the transition zone in oil displacement by n-p gas. N. M. Deglarev, V. G. Polianskii. Neftprom. delo no. 2 6-11 '65.

Displacement of oil-water in a straight line battery of producing wells having different recovery factors in an heterogeneous layer. G. I. Dzhulalov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 5 97-104 '65.

Effect of certain development indices on the recovery from layers. M. T. Abnagov and others. Neft. khoz. 43 no. 12 26-35 D '65.

Measurement and automatic retention of differential pressure in studying oil recovery by means of strata models. K. S. Konev. Trudy VNIKAneftgaz no. 1 58-73 '65.

Some results of the consolidated experience in the development of oil fields. V. N. Shebekanchov. Azerb. neft. zhur. 41 no. 12 17-22 D '65.

Using the regression analysis in problems of flow and for obtaining confidence limits. P. M. Belash, R. V. Sentukov. Trudy MINKHICP no. 53 34-46 '65.

OIL SANDS

(see also subdivision under Dnieper-Donets Lowland; Kan-Tasseyev Lowland; Ukraine)

Possible method for determining the dimensions of blocks of fractured and porous reservoirs. K. Kh. Tataev, Neftprom. delo no. 2 11-14 '66.

OIL SANDS—PERMEABILITY (see subdivision under Irkutsk Province)

OIL SANDS—SAMPLING AND ESTIMATION

Rapid method for extracting cores and determining their wateroil saturation. A. G. Kovalev, A. P. Novokreshchenova. Neftprom. delo no. 3 6-7 '66.

OIL SHALES

Phenols from heavy shale oils. A. D. Kokurin, K. A. Galushkina. Zhur. prikl. khim. 39 no. 2 410-414 F '66.

Possibility of using the mineral part of Leningrad oil shales of gross extraction for the manufacture of fuel clinker. V. S. Koptevich, L. I. A. Gal'dshtein. Trudy Gipsosement no. 28 64-82 '64.

OIL WELL CASING

(see also subdivision under Stavropol Territory)

Buntov, A. I., and N. A. Sidorov. [Difficulties in the casing of deep wells.] Oshlozheniia pri kreplenii glubokikh skvazhin. Moskva, Nedra, 1966. 203 p.

Device for covering casings in flowing wells. Z. A. Roste, N. V. Demin. Neftprom. delo no. 2 17-18 '66.

Pressures acting on casings in deep wells. A. D. Krasnik, M. Sh. i neft. obor. no. 2 12-13 '66.

US-1 packing for casing threaded joints. S. N. Ufanskii. M. Sh. i neft. obor. no. 2 8-11 '66.

OIL WELL CEMENTING

(see also subdivision under Anasiniyevka-Troitskoye Oil Field)

Effect of temperatures on the stressed state of the column during the hardening of cement. A. F. Rustambekov, S. A. Shirinzade. Azerb. neft. khoz. 45 no. 1 8-11 Ja '66.

New method for cementing liners and columns lowered into wells by sections. S. V. Logvinenko, I. M. Feldman, A. V. Smirnov. Burono no. 2 33-38 '66.

OIL WELL COMPLETION (see subdivision under Carpathian Mountain region)

OIL WELL DRILLING

(see also subdivision under Fergana Province, Margyashak Peninsula, Morin Sea region, Saratov Province, Tatar A S S R, Tyumen' Province)

Az. Khidzhanst. H. nauchno-issledovatel'skiy institut po
Lurentiu Neftiyanlyk i gazovyykh skvazhin [Techniques
and equipment for deep drilling] Tekhnika i tekhnologiya
glubokogo бурения Moskva, Nedra, 1965. 300 p

Maximum static pressures occurring in a well in gas
manifestations V. D. Shevtso. Izv. vys. ucheb. zav.,
neft' i gaz 9 no. 1 31-34 '66

Means for increasing the efficiency of methods for
eliminating the freezing of pipes in drilling oil and gas
wells. Z. A. Sattarov. Azerb. neft. zhur. 44 no. 12,
14-16 D '65.

Multibore drilling of test wells R. G. Gol'tsman. Izv.
vys. ucheb. zav. neft' i gaz 9 no. 1 109-112 '66

Separation of gas from liquid in a shut-in well being
drilled R. S. Gurbano. and others. Izv. vys. ucheb.
zav. neft' i gaz 9 no. 1 27-29 '66.

Side tracking in wells for eliminating complex difficulties
V. B. Udayin, L. D. Snigirev. Bur. no. 2 3-7 '66.

Supervision of oil field drilling by inventors of drilling
systems. V. D. Lysenko, E. D. Mukharbekov, V. A. Pe-
trov. Neftprom. delo no. 2 3-5 '66.

Using the method of mathematical statistics in the evalu-
ation of the effect of well direction on the drilling rate
A. A. Rzaev. Azerb. neft. khoz. 45 no. 1 13-15 Ja '66

OIL WELL DRILLING—COSTS

(see also subdivision under Chechen-Ingush A S S R.)

Precise estimation of the cost of completed drilling
operations A. A. Avanesov. Azerb. neft. khoz. 45
no. 1 47-48 Ja '66

Using economic regularities in the planning and accounting
for drilling operations. M. N. Martynov. Neft. khoz.
43 no. 12 4-10 D '65.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Leakage of flushing fluids through the annular clearance
of the turbo-drill nipple as a cause of drill pipe freezing
Sh. Z. Akhmedov and others. Neft. khoz. 43 no. 12 18-
23 D '65.

New method for lubricating production strings V. E.
Kopylov, Yu. A. Chistiakov. Izv. vys. ucheb. zav. neft'
i gaz 9 no. 1 23-26 '66

Results of using square drill collars for preventing the
clogging of wells. L. I. Bekhukh, S. S. Dzhangirov,
L. N. Reznichenko. Neft. khoz. 43 no. 12 13-18 D '65.

OIL WELL DRILLING—LABOR PRODUCTIVITY

Improving the method of calculating labor productivity in
oil and gas well drilling M. M. Mustafayev, A. B. Abba-
sov. Azerb. neft. khoz. 45 no. 1 45-47 Ja '66

OIL WELL DRILLING, ELECTRIC

Device for the automatic control of bottom parameters
for use in electric drilling by means of a twin current-
carrying cable. O. A. Dmitriyevskii and others. Mash.
i neft. obr. no. 2 28-31 '66.

OIL WELL DRILLING, ELECTRIC—EQUIPMENT AND SUPPLIES

Investigating the electric parameters of drilling strings
in a well in electric drilling. I. A. Kuliev, I. S. Kasum-
bekov, Z. M. Mamedova. Azerb. neft. zhur. 44 no. 12,
12-14 D '65.

OIL WELL DRILLING, SUBMARINE see subdivision under Azerbaijan

Field testing of the operation of compensating devices
with the U8-1 mud pump divider. M. M. Suleimanov
and others. Azerb. neft. zhur. 41 no. 12 41-43 D
'65.

Results of field testing of rubber packing for slush pumps.
L. G. Alekseev and others. Mash. i neft. obr. no. 2 5-8
'66.

OIL WELL SHOOTING

(see also subdivision under Anastasiyevka-Troitskoye
Oil Field)

Design nomograms for controlling the sand jet process
and the position of the perforator. R. M. Petukhov,
B. V. Panasov. Neft. khoz. 43 no. 12 44-48 D '66.

OIL WELLS—AIR-GAS LIFT

Method for determining the weight of an additional load
and the periodicity of scraper lowering into a well
when dewatering tubings used in lift operations. Yu. V.
Bakhtir. Neftprom. delo no. 3 30-32 '66.

OIL WELLS—EQUIPMENT AND SUPPLIES

Improving the technology of eliminating sand plugs in
wells. E. N. TSipilevich, S. S. Oganov. Neftprom. delo
no. 2 20-24 '66.

OIL WELLS—HYDRAULIC FRACTURING

Evaluating the efficiency of hydraulic fracturing of strata
and forecasting its results. Yu. V. Zaitsev, M. K. Bagl-
rov, A. S. Melikbekov. Neftprom. delo no. 3 22-26
'66.

Hydraulic fracturing of strata in incipient and loose
rock A. S. Melikbekov. Azerb. neft. khoz. 45 no. 1 21-
24 Ja '66

New means for controlling the fractures formed in hydrau-
lic fracturing of strata using the RGD-5 telemeter. N. G.
Imanayev. Neftgaz. geol. i geofiz. no. 2 37-38 '66.

OIL WELLS—MEASUREMENT

Converter of a single-phase stress into a three-phase
one for depth gauges M. B. Leitman, Yu. V. Chernavin
Izv. vys. ucheb. zav. neft' i gaz 9 no. 1 61-61 '66

OIL WELLS—TESTING

(see also subdivision under Siberia, Western)

Packing of the equalizing valve of a layer tester from the
"KII-146-GrozUNN" act. K. G. Bagirov, N. M. Rustamov,
V. I. Krenov. Mash. i neft. obr. no. 1 18-20 '66.

Possibility of using OPK-4-5 logging layer testers for
testing cased wells. V. B. Tat'nov and others. Neftgaz.
geol. i geofiz. no. 2 40-42 '66.

OILS AND FATS

Effect of fat oil on the heat resistance of chrome leather.
R. S. Urudzhiev, G. I. Kutlinskiy. Kozh.-obuv. prom. 8
no. 2 27-29 F '66.

Liberman, S. G. [Methods of fractionating animal fats
and their fatty acids] Spособы fraktionirovaniia
zhivotnykh zhirov i ikh zhirnykh kislot. Moskva,
TsINTPishcheprom, 1965. 38 p.

Molchanov, I. V. [Technological equipment of fat process-
ing industries] Tekhnologicheskoe oborudovanie zhiro-
pererabatyvayushchikh promyslov. Moskva, Pishche-
vala promyshlennosti, 1965. 508 p.

Presence of low-molecular fatty acids in sunflower,
cottonseed, and whale oil. B. N. Tutusimov, L. P.
Grechishnikova. Mast. -zhir. prom. 31 no. 1 9-12
Ja '65.

Selectivity in the continuous hydrogenation of fats.
K. A. Zhubanov, D. V. Sokol'skii, Izv. AN Kazakh. SSR.
Ser. khim. nauk 14 no. 4 65-68 O-D '64.

OILS AND FATS—ANALYSIS

Fatty acid composition of the oil of some Indian mustard
seed varieties. N. V. Vorobiev. Mast. -zhir. prom. 32
no. 1 10-12 Ja '66.

Fatty oil from Prangos pabuteria Lindl seeds. A. L. Mark-
man, L. A. Shustanova. Khim. prirod. soed. no. 3,
202-208 '65.

Use of 2-thiobarbituric acid in the analysis of oxidative
fat spoilage. M. Soboleva, E. Bondareva, Minsk, Ind.
SSSR 37 no. 1 48-49 '66.

OILS AND FATS—DIELECTRIC PROPERTIES

Dielectric properties of oil extraction products. V. L.
Karachan, V. N. Sivchikov. Mast. -zhir. prom. 32 no. 1
36-38 Ja '66.

OILS AND FATS, EDIBLE

Increasing the production of vegetable oil. M. L. Taran-
chuk. Mast. -zhir. prom. 32 no. 1 7-8 Ja '66.

Use of Volga Valley bentonites in bleaching vegetable oil.
Sh. I. Kamseldinova and others. Mast. -zhir. prom. 32
no. 1 16-17 Ja '66.

OILSEED INDUSTRY—BY-PRODUCTS see subdivision under Latvia

OILSEEDS—ANALYSIS

Method of determining the oiliness of oil-containing mate-
rials. Z. S. Sabirov, R. I. Shamsutdinov. Mast. -zhir.
prom. 32 no. 1 39-40 Ja '66.

ointments

Use of flame photometry in the study of the activity of
ointments; determination of sodium ion concentration.
V. M. Gretsidi. Apt. delo 14 no. 3 19-25 Mye-Je '65.

OKA-DON LOWLAND—MARINE SEDIMENTS

Presence of marine sediments on the Miocene series of
the Oka-Don Plain. IU. I. Iosifova. Izv. AN SSSR, Ser.
geol. 11 no. 1 10-12 Ja '66

OKA-DON LOWLAND—SWAMPS

Sphagnum bogs at the steppe watersheds of the Oka-Don
Lowland, a preliminary report. S. V. Golitsyn. Biol.
MOP. Old biol. 71 no. 1 136-111 Ja-F '66.

OKA TERRACE PRESERVE—DORMICE

Reproduction of common dormouse in the southern
part of Moscow Province. G. N. Likhachev. Biol. MOP.
Old biol. 71 no. 1 32-47 Ja-F '66.

OKA VALLEY—SOIL RESEARCH

Use of the elements at the correlation theory in the stud-
y of soils. D. S. Bulgakov. Pochvovedenie no. 3 91-91
M '66.

OKATOVA, MARGERITA

Ballerina Okatova. O. Lutskala. Teatr. 27 no. 1 89-93
Ja '66.

OKHOTSK, SEA OF—GULLS

An attack of gulls on ringed seals. G. A. Iafse. Zap.
Primo. (U. Geog. ob-va SSSR no. 1 49 '65.

OKHOTSK, SEA OF—OCEAN BOTTOM

Akademiia nauk SSSR. Institut okeanologii. [Geomor-
phological map of the bottom of the Sea of Okhotsk] Geo-
morfologicheskaya karta dna Okhotskogo mornia. Sov.
G. B. Uditsev. [Moskva] 1957. fold. map.

(ICRL)

OKHOTSK, SEA OF—RINGED SEAL

An attack of gulls on ringed seals. G. A. Iafse. Zap.
Primo. (U. Geog. ob-va SSSR no. 1 49 '65.

OKHOTSK SEA REGION—FAULTS (GEOLOGY)

Chelomdzhia-Yama abyssal fault. S. S. Uddin, L. I. Izumi-
lov. Dokl. AN SSSR 166 no. 5 1191-1194 F '66.

OLD AGE

Changes in the sensitivity of the skin in old age. A. A.
Rudits. Trudy LIEF'IN no. 18 53-61 '65.

OLEANDOMYCIN

Effect of phosphorus on the biosynthesis of oleandomycin.
D. I. Surikova, M. V. Kuzanova. Antibiotiki 11 no. 3
205-210 M '66.

Results of olectin in therapy of gonorrhea in males. A. V.
Mikhovskii. Vest. dermat. i ven. no. 6 50-60 '65

OLEFINS

Adsorption of some unsaturated hydrocarbons on an illite
gel from their solution in heptane. L. A. Mashev and
others. Neftekhimia 5 no. 4 603-608 Ji-Ag '65.

Catalytic hydrocondensation of carbon monoxide with
olefins and their copolymerization under the effect
of carbon monoxide and hydrogen. Report No. 40
Role played by hydrogenating in the course of decarboxy-
lation processes during hydrocondensation of olefins
under the effect of carbon monoxide. I. A. T. Litvin, R. K.
Nefedov. Izv. AN SSSR, Ser. khim. no. 2 321-328
'66.

Mechanism of the reaction of olefins with complex poly-
merization catalysts. P. S. D'achkovskii, A. K. Shilova,
A. E. Shilov. Vysokom. soed. 8 no. 2 308-311 F '65.
Oxidation of some polyarylene ethyls to hydroperoxides.
G. S. Kolesnikov, A. E. Chuchin, B. I. Boev. Vysokom.
soed. 8 no. 2 327-331 F '66.

pKa of some polyene acids. L. A. Ivanovskaya, R. N.
Stepanova, V. F. Kucherov. Izv. AN SSSR, Ser. khim.
no. 2 352-353 '66.

Reaction of isobutylene and pentenes with formaldehyde
in the presence of cation exchanger KU-2. V. I.
Isagulians, M. G. Safarov. Neftekhimia 5 no. 4 545-
548 Ji-Ag '65.

Separation of C₈ - C₁₀ n-alkenes from their mixtures
with other hydrocarbons by means of mercury salts.
E. A. Timofeeva, G. S. Potraeva, N. I. Shulkin. Neft-
khimia 5 no. 4 679-682 Ji-Ag '65.

OLEIC ACID

Interaction of sodium oleate with olive and indigite.
A. M. Kirovlev, V. S. Korobkov. Izv. SO AN SSSR no. 11,
Ser. khim. nauk no. 3 44-47 '64.

OLENEK DISTRICT—FORAMINIFERA, FOSSIL

New data on Foraminifera complexes from Permian
sediments of the Olenek Highland. O. M. Lev. Uch.
zap. NIIGA, Ser. "Paleont. i biost." no. 6 14-23 '65.

OLENEK DISTRICT—PALYNOLOGY

Division of Permian sediments of the Olenek Highland
into sections according to palynological data. A. F.
Dibner. Uch. zap. NIIGA, Ser. "Paleont. i biost."
no. 8 61-74 '65.

OLEOMARGARINE

Cultures for the production of "Moskovskii" margarine.
N. S. Koreleva. Mast. -zhir. prom. 31 no. 1 19 Ja
'66.

OLFACTORY NERVE

Sensitivity of olfactory and visual analyzers in people subjected to short and ultrashort waves in a continuous generation. P. P. Fukalova. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:144-148 '64

OLIVIER, Sir LAURENCE KERR, 1907-

Notes on Olivier in the role of Othello and on "Othello," the tragedy by Shakespeare B. Zingerman Teatr 27 no. 2:130-142 F '66.

OLIVINE-DIABASE

Olivine mixtures with soluble glass. A. F. Vlasov. Lit. protzv no. 2:41-12 F '66.

OLIVOMYCIN

Mechanism of the action of the antibiotic olivomycin. E. S. Zalmanzon and others Vop. med. khim 12 no. 1:56-62 Ja-F '66.

OLLI, ALBERT IVANOVICH, 1906-1965

Albert Ivanovich Olli, obituary S. N. Krauze, A. P. Rozindzhevskii, G. S. Senchenko, Sov. geol. 9 no. 2: 166-168 F '65.

OL'NINSKII, M., pseud. see Aleksandrov, Mikhail Stepanovich, 1863-1933

OLYMPIC GAMES see subdivision under Innsbruck, Austria, Tokyo

OMISSION, CRIMINAL

(see also subdivision under White Russia)

I. A. Bushuev's "Liability for the concealment of crimes and noninformation". G. Kriger. Sov. iust. 30 no. 6:26-29 Mr '66

OMSK—HARBOR—COST OF OPERATION

Improve the planning of income. A. Pavlov. Rech. transp. 23 no. 6:49-50 Jo '64.

OMSK—PETROLEUM REFINERIES

[Omsk Petroleum Refinery, 1955-1965] Omskii nefepereabityvalushchii zavod, 1955-1965. [Omsk] Zapadno-Sibirskoe knizhnoe izd-vo. Omskoe otd-nto, 1965. 1 v. (chiefly illus.)

OMSK PROVINCE—CONSTRUCTION INDUSTRY—MANAGEMENT

Make economic problems the center of attention. L. Bockugov. Ekon. stol. 6 no. 4:22-27 Ap '66.

OMSK PROVINCE—DRAINAGE

From the drainage work on lowland bogs in winter. M. D. Baranov. Gidrol. mel. 18 no. 1:12-16 Ja '66.

ONCOLOGICAL SOCIETIES

(see also subdivision under Leningrad Province; Moscow Province)

Resolution of the Presidium of the Council of the Scientific Medical Societies of the Ministry of Health of the U.S.S.R. concerning the Report on the Activities of the Board of the All-Union Society of Oncologists for 1958-1965, October 21, 1965. M. Volkov, L. Lemenov. Vop. onk. 12 no. 3:114-117 '66.

ONCOLOGY—ABSTRACTS

[General problems of pathology. Oncology] Ref. zhur. : Ob. vop. pat. Onk. no. 2 F '66.

ONCOLOGY, EXPERIMENTAL

Infectious deoxyribonucleic acid of the polyoma virus; (strain 13) Z. I. Merkulova Vop. onk. 12 no. 2: 58-60 '66.

ONIONS see subdivision under Ushtobe (Kazakhstan)

ONIONS—DRYING

Swelling of onions dried by various methods. Z. A. Baranova. Kons. i ov. prom. 21 no. 3:23-24 Mr '66.

ONOCERADIENEDIOL

Photochemical study of the reatharrow Onoclea arvensis. Report No. 1. A. A. Felsberg, P. E. Rozentsvaig. Apt. delo 14 no. 3:25-27 My-Ja '65.

ONTOGENY

Uspenskii, Iu. N. [Secretory functions of the stomach in ontogeny and its change under normal and pathological conditions] Sekretornaya funktsiia zheludka v ontogeneze i ee izmeneniia v norme i patologii. Moskva, Meditsina, 1969. 170 p. (DNLM)

ONTOLOGY

Correlation between ontology and gnosis and its significance for the natural sciences. V. S. Lytai. Filos. probl. such. prirod. no. 4:20-29 '65.

COGENESIS

Nature of the effect of chlorophyll on the ontogenesis of house flies (Musca domestica L.) in case of long application under natural conditions. V. A. Lineva. Med. paraz. i paraz. bol. 35 no. 2:217-223 Mr-Ap '66.

OPEN-CUT MINING see Strip mining

OPEN-HEARTH FURNACES

Effect of technological factors on the stability of the hearth bottoms in basic open-hearth furnaces. V. V. Lotman and others. Metallurg 11 no. 2:17 F '66. Heat and oxygen balance of open-hearth smelting with an oxygen blow. V. P. Pegozov and others. Stal' 26 no. 2:120-123 F '66

Intensification of heat processes in 800-ton open-hearth furnaces. A. L. Pribozhenko. Metallurg 11 no. 3:14-16 Mr '66.

OPEN-HEARTH FURNACES—COMBUSTION

Automatic regulation of self-caburelting gas. V. S. Kocho, V. G. Antoskii. Izv. vyz. ucheb. zav.; Chern. met. 9 no. 2:156-159 '66

Particularities of thermal conditions and the resistance of separate parts of a furnace under the effect of an oxygen blow. A. G. Panchenko and others. Metallurg 11 no. 3:10-10 Mr '66.

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

Certain technological characteristics of steel smelting in 500 - 800-ton open-hearth furnaces. I. S. Gorskikh, V. A. Romanets, Iu. V. Iuzov. Izv. vyz. ucheb. zav.; Chern. met. 9 no. 3:55-63 '66.

Prospects for the development of steelmaking furnace assemblies. M. A. Glinov. Stal' 26 no. 3:214-216 Mr '66.

Temperature conditions in the bath of open-hearth furnaces with a capacity of 220 to 440 tons with an oxygen blow. V. S. Kocho and others. Izv. vyz. ucheb. zav.; Chern. met. 9 no. 2:147-151 '66.

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Estimating the strength and resistance of welded steel-pouring ladles of up to 300-ton capacity. D. P. Antonets and others. Avtom. svar. 18 no. 1:58-60 Ja '66.

Problem of the quality of open-hearth pig iron. V. L. Pekryshkin, P. G. Netschko, G. B. Rabinovich. Stal' 26 no. 2:110-112 F '66

Vinokh, L. I. [Charging machine operator] Mashinist zavalochnoi mashiny. [Moskva] Metallurgiya, 1965. 161 p.

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR

Repairing the refractory lining of an open-hearth furnace with a cement gun. V. A. Lazovskii, N. D. Nikiforov, A. A. Zabolotnyi. Ognepuopy 31 no. 2:35-36 '66.

OPEN-HEARTH PROCESS

Influence of the decarburization process on the character of the changes of hydrogen content in the open-hearth furnace metal bath. D. A. Povolotskii, V. A. Korzhuev. Stal' 26 no. 3:216-218 Mr '66.

Predicting decarburization in the course of open-hearth smelting. Iu. M. Maksimov, I. M. Rozhkov, G. E. Sharo-nov. Izv. vyz. ucheb. zav.; Chern. met. 9 no. 3:41-47 '66.

Slag conditions in the finishing period of a 600-ton open-hearth smelting process. N. P. Tarapurov, G. S. Kolganov, V. M. Sarvetnik. Metallurg 11 no. 2:14-15 F '66.

OPEN-HEARTH PROCESS—COSTS

Cost analysis of steel in plants with 500 to 800-ton capacity open-hearth furnaces. V. A. Romanets, O. V. Iuzov, L. S. Gorskikh. Izv. vyz. ucheb. zav.; Chern. met. 9 no. 3:200-208 '66.

OPEN-HEARTH PROCESS—QUALITY CONTROL

Improving the quality of hardware steel. N. P. Tarapurov, Z. I. Poltavets. Metallurg 11 no. 3:22 Mr '66.

Quality of steel smelted in a high-capacity furnace with an oxygen blow. V. L. Safonov and others. Stal' 26 no. 3:226-220 Mr '66.

OPERA see subdivision under Moscow; Tallinn; Tatar A.S.S.R.

OPERA—DICTIONARIES

Gozonrud, A. A. [Opera dictionary] Opernyi slovar'. Moskva, Muzyka, 1965. 470 p.

OPERAS see subdivision under Moscow

OPERAS, JUVENILE

Andriylova, N. [Children's operas of M. V. Lysenko] Dytachii opery M. V. Lysenka. Kyiv, Derzh. vyd-vo obrazovchorskoho mystetstva i muzychnoi lit-ry URSR, 1962. 74 p. (MH)

OPERATIONAL CALCULUS see Calculus, Operational

OPERATIONS RESEARCH

Methods of evaluating possibilities and the determination of the order of safety measures. I. A. S. Dymarskii. Mor. sbor. 49 no. 4:28-32 Ap '66.

Results of the use and ways for the introduction of network charts in ship repair. S. S. Vinogradov and others. Sudostroenie 58 no. 2:49-52 F '66.

Some problems in the automation of management systems and operative planning in shipbuilding. L. M. Khodorkovskii. Sudostroenie 58 no. 2:53-57 F '66.

OPERATIVE SURGERY see Surgery, Operative

OPERATORS (MATHEMATICS)

Conservative operators. Iu. I. Ljubic, Usp. mat. nauk 20 no. 5:221-225 S-O '65.

Differentiability of nonlinear operators in L_p spaces. P. P. Zabrel'ko. Dokl. AN SSSR 166 no. 5:1030-1042 F '66.

Differential operator of the second order with spectral singularities. V. O. Blashchak. Dop. AN URSR no. 1:38-41 '66.

Elliptic singular integrodifferential operators. M. S. Agranovich. Usp. mat. nauk 20 no. 5:3-120 S-O '65.

Existence of intrinsic elements of one class of nonlinear equations. D. P. Zengina. Sob. AN Gruz. SSR 41 no. 1:27-31 Ja '66

Factor representations of anticommutative algebras. V. A. Golodets. Dokl. AN SSSR 167 no. 1:19-22 Mr '66

Factorization of the S-matrix of an n-dimensional Schrödinger operator. L. D. Faddeev. Dokl. AN SSSR 167 no. 1:69-72 Mr '66

Krasnosel'skii, M. A. [Displacement operator over the trajectories of differential equations] Operator sdviga po traektoriiam differentsial'nykh uravnenii. Moskva, Nauka, 1965. 331 p. (Sovremennye problemy matematiki)

Krasnosel'skii, P. P., and others [Integral operators in spaces of summable functions] Integral'nye operatory v prostranstvakh summiruemykh funktsii. Moskva, Nauka, 1966. 489 p.

Lower bounds of the spectral radius of linear operators. A. I. Ebanin, V. A. Stepanenko. Usp. mat. nauk 20 no. 5: 261-262 S-O '65.

Properties of the operator of translation over the trajectories of systems of integrodifferential equations. T. Murenkov. Izv. AN Kazakh. SSR. Ser. fiz.-mat. nauk 4 no. 1:48-47 Ja-Mr '66.

Spaces and algebras of Toeplitz matrices operative in L_p . N. K. Nikol'skii. Sib. mat. zhur. 7 no. 1:146-158 Ja-F '66.

Spectrum of nonself-adjoint one-dimensional singular differential operators. M. V. Fedoruk. Usp. mat. nauk 20 no. 5:205-209 S-O '65.

Stability of Galerkin's method for non-stationary problems. M. A. Veliev. Trudy Vych. isenta AN Azerb. SSR 3:46-71 '65

Study of the deficiency of Cauchy's abstract problem. Iu. I. Ljubic. Dokl. AN SSSR 166 no. 4:783-786 F '66.

Transformation of a computing algorithm and the accuracy of the calculation. K. F. Shirinov, P. A. Tagiev. Trudy Vych. isenta AN Azerb. SSR 3:17-19 '65

Unicellularity of an integration operator and a theorem of "Heimarsen". M. S. Brodskii. Usp. mat. nauk 20 no. 5:185-192 S-O '65.

OPTIC NERVE

Functional state of the visual analyzer exposed to super-high frequency waves. S. F. Belova. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:140-143 '64.

Sensitivity of olfactory and visual analyzers in people subjected to short and ultrashort waves in a continuous generation. P. P. Fukalova. Trudy Lab. elektromag. pol. rad. AMN SSSR no. 2:144-148 '64.

OPTIC NERVE—DEGENERATION AND REGENERATION

Some changes in the optic nerve and the midbrain following unilateral enucleation. T. V. Davydova. Trudy Mosk. vct. akad. 22 no. 2:30-34 '66.

OPTIC NERVE—DISEASES

Functional state of the nervous apparatus of the eye in the pathology of the optic nerve. G. M. Nemuleneva. Azerb. med. zhur. 43 no. 1:10-22 Ja '66.

OPTICAL COMMUNICATION

Partial synthesis of an optimal receiver of luminous radiation with a photoelectronic mixer. A. A. Kuriksha. Radiotekh. i elektr. 11 no. 4:938-942 Ap '66.

OPTICAL GLASS see Glass, Optical

OPTICAL INSTRUMENTS

Analysis of the work of a grid type scanning modulator. G. V. Bolakova, V. M. Prokop'ev. Opt.-mekh. prom. 33 no. 3:18-24 Mr '66.

Apparatus for measuring the coefficient of fiber parallelization in intermediate products. V. V. Iakovlev, N. A. Tsvetlovich. Izv. vyz. ucheb. zav.; tekhn. tekst. prom. no. 1: 170-173 '66.

Circular optical pickup. Iu. E. Blinov, A. K. Tugendgol'd. Sian. i instr. 37 no. 2:43 F '66.

Clearing up of small size optical parts. O. A. Motovilov, V. N. Rozhdetsvenskii. Opt.-mekh. prom. 33 no. 2: 34-37 F '66.

Device for checking the coaxiality of holes. P. F. D'jakov. Mashinostroitel' no. 3:19 Mr '66.

1254

ORGANOMETALLIC COMPOUNDS

Prilina, T. G., and V. A. Shushunov. [Reactions of organometallic compounds with oxygen and peroxides] Reaktsii metalloorganicheskikh soedinenii s kislorodom i perekislami. Moskva, Nauka, 1966. 285 p.

Conditions of formation and stabilization of carbon - transition metal σ -binding. I. I. Kutskaia, Usp. khim. 35 no. 3 393-425 M 1966.

σ - and π -organometallic isomers. Part 4. Reaction of chlorosilanes with esters of trialkylsilylacetic acid. G. S. Butachenko and others. Zhur. ob. khim. 36 no. 3 512-518 M 1966.

Photochemical reactions of π -C₆H₅Fe(CO)₂ C₆H₅. A. N. Nesmetanov and others. Dokl. AN SSSR 166 no. 5 1125-1128 F 1966.

Synthesis and properties of bis-ethynyl and bis-propargyl compounds of silicon, germanium, and tin. A. M. Sladkov, L. K. Luneva. Zhur. ob. khim. 36 no. 3 553-556 M 1966.

Synthesis and study of some properties of trialkyl(aryl) difluorophosphates. A. P. Kreshkov, V. A. Drozdov, I. U. Orlova. Zhur. ob. khim. 36 no. 3 525-528 M 1966.

ORGANOMETALLIC COMPOUNDS—SPECTRA

Infrared spectra of organosilicophosphochlorine compounds. V. A. Drozdov, G. S. Karetnikov, I. U. Orlova. Zhur. fiz. khim. 40 no. 3 695-697 M 1966.

Nuclear magnetic resonance spectra of some electron-deficient compounds. Boron hydrides, alkyl aluminum dimers, and complexes of organolithium compounds. I. B. Golovanov, A. K. Piskunov. Usp. khim. 35 no. 3 563-568 M 1966.

ORGANONICKEL COMPOUNDS

Polynuclear complex compounds of nickel carbonate with hydrazine. E. I. Krylov, V. A. Sharov, V. F. Degtiarev. Dokl. AN SSSR 165 no. 4 870-879 F 1966.

ORGANOPHOSPHORUS COMPOUNDS

Chemistry and the use of organophosphorus compounds; all-Union conference in Moscow. B. A. Aikarov. Vest. AN SSSR 36 no. 1 152-153 Ja 1966.

N,N'-diaryldiarylamides and some of their properties. V. A. Giliarov, M. I. Kabachnik. Zhur. ob. khim. 36 no. 2 282-289 F 1966.

Phosphorus-containing heterocycles. Part 7: Condensation reaction of glycephosphoric acid chlorides with α , β -unsaturated aldehydes, ketones, acids, and amines. N. A. Razumova and others. Zhur. ob. khim. 36 no. 2 213-254 F 1966.

Synthesis and study of some properties of bis(trialkyl(aryl)silyl) monofluorophosphates. A. P. Kreshkov, V. A. Drozdov, I. U. Orlova. Zhur. ob. khim. 36 no. 2 307-310 F 1966.

Synthesis of diethers of tetra(dimethylamido) cyclotriphosphazene. M. R. Pitina, N. I. Shvachov-Shitkovskii. Zhur. ob. khim. 36 no. 3 496-500 M 1966.

ORGANOSILICON COMPOUNDS

Analysis of trialkyldifluorophosphate silanes and bis (trialkylsilyl) monofluorophosphates by titration in nonaqueous solutions. A. P. Kreshkov, V. A. Drozdov, I. U. Orlova. Zhur. anal. khim. 21 no. 2 214-218 F 1966.

Catalytic dehydrogenation of γ -trialkylsilylpropyl alcohols. Part 3. G. V. Golodukhin, T. G. Shavva. Zhur. ob. khim. 36 no. 2 357-359 F 1966.

Free radical addition of alkanolic acids to unsaturated ethers and silicon hydrazones. G. I. Nikishin, I. U. N. Ogibbi. Izv. AN SSSR. Ser. khim. no. 2 372-374 F 1966.

Gels of organosilicon compounds. Part 4: Electron microscopy of sol, gel, and powders of methylsilylic acid (methylpolyloxane). I. B. Silintakova and others. Koll. zhur. 28 no. 1 123-128 Ja-F 1966.

Gels of organosilicon compounds. Part 5: Reducing properties of polysiloxane hydride xerogel. G. B. Rudkovich, I. B. Silintakova, I. E. Neimark. Koll. zhur. 28 no. 1 121-128 Ja-F 1966.

Interaction of trialkyl (aryl) aminosilanes and hexalkyldisilazanes with trialkylaluminum. D. I. A. Zhinkin and others. Zhur. ob. khim. 36 no. 2 350-352 F 1966.

Liquid - vapor equilibrium in systems consisting of trichlorosilanes with dipropyl, diamyl, and diisomyl ethers. I. I. Lapidus, L. A. Nisels'son. Zhur. fiz. khim. 40 no. 3 937-940 M 1966.

Methacrylation of (chloromethyl) ethoxysilanes in the presence of catalytic amounts of acids. K. A. Andrianov, A. K. Dabagova, M. I. Golova. Izv. AN SSSR. Ser. khim. no. 2 257-262 F 1966.

Splitting of 1,3-dioxo-2-silacyclanes and their oligomers by means of carboxylic acid halides. M. F. Shostakovskii and others. Izv. AN SSSR. Ser. khim. no. 2 375-376 F 1966.

Synthesis and some properties of organosilicon esters of hydroxymethylphosphonic acid. N. P. Orlov, V. P. Nileshevkich. Zhur. ob. khim. 36 no. 3 518-521 M 1966.

Synthesis and study of some properties of bis(trialkyl(aryl)silyl) monofluorophosphates. A. P. Kreshkov, V. A. Drozdov, I. U. Orlova. Zhur. ob. khim. 36 no. 2 307-310 F 1966.

Synthesis and transformation of unsaturated organosilicon compounds. Part 2b: Synthesis and transformations of some monohydric organosilicon ethylene alcohols. I. A. Shikhov, I. A. Aganov, S. Sh. Verdova. Zhur. ob. khim. 36 no. 2 355-357 F 1966.

Synthesis and transformations of unsaturated organosilicon compounds. Part 27: Synthesis of branched organosilicon diacyclic alcohols. I. A. Shikhov, S. A. Rzaeva, B. M. Jusseinadze. Zhur. ob. khim. 36 no. 2 352-354 F 1966.

Synthesis of 3,1-benzotri-1,1-dichloro-1-silacyclohexane and some of its derivatives. A. A. Zhdanov and others. Zhur. ob. khim. 36 no. 3 521-525 M 1966.

Teplov, A. V. [Selected works] Izbraniye tudy. Moskva, Nauka.

Book 3. [Polymerization Organosilicon compounds] Polimerizatsiya Organosilikonov. Kremenilorganicheskie soedineniya. 1966. 528 p.

Tris (triorganysilyl) antimonites. N. T. Orlov, M. G. Voronkov. Zhur. ob. khim. 36 no. 2 317-350 F 1966.

ORGANOSULFUR COMPOUNDS—CONGRESSES

Contribution to the chemistry of organosulfur compounds. G. D. Gal'pern. Neftekhimika 3 no. 3 455-158 My-Ju 1966.

ORGANOSULFUR COMPOUNDS—THERAPEUTIC USE

Results of the use of some sulfur derivatives in local therapy of skin diseases. B. M. Lebedev. Vest. dermat. ven. no. 6 32-35.

ORGANOTIN COMPOUNDS

Synthesis and characteristics of symmetrical organotin compounds of the aliphatic-olefinic series. G. P. Rubinchik, Z. M. Manukhin. Zhur. ob. khim. 36 no. 2 261-261 F 1966.

Synthesis of organotin derivatives of keto ethers and acetylacetone. S. V. Ponomarev, E. V. Machiglin, I. F. Lutsenko. Zhur. ob. khim. 36 no. 3 518-552 M 1966.

ORIENTAL ANTIQUITIES see subdivision under Perm Province

ORIENTAL LANGUAGES—STUDY AND TEACHING

Study of Oriental languages in Russia during the 18th and 19th centuries. V. F. Raushenbakh. Trudy Mosk. vuzov. 22 no. 2 180-108 F 1966.

ORIENTAL LITERATURE

The Baku session on the interrelations and interaction of Oriental literatures. V. B. Khashturina. Naiz. i Afri. no. 2 242-244 F 1966.

ORIENTAL LITERATURE—STUDY AND TEACHING

A course which does not yet exist. D. I. Belkin. Nar. Az. i Afri. no. 2 125-130 F 1966.

ORIENTAL MANUSCRIPTS

see Manuscripts, Oriental

ORIENTAL SORE

see Dujdi boli

ORIENTAL STUDIES—CONGRESSES

On the way to reviving Oriental studies in Vladivostok. L. V. Naiz. i Afri. no. 2 241-212 F 1966.

OROCHESES—CRANIOLOGY

Craniology of Oroches. V. P. Alekseev. Zap. i zhurn. 11, Geogr. ob. va SSSR no. 1 51-57 F 1966.

ORPINE

see subdivision under Georgia

ORSK—PETROLEUM REFINING—DESALTING

On the practice front. K. Boregov, G. Glazburgskii. Neftekhim. 11 no. 2 11-12 F 1966.

ORSK—TRADE UNIONS

Here is my diary. P. Lebedev. Sov. profsoyuzy 22 no. 4 20 F 1966.

ORTHOACETIC ACID

Reaction of cholesterol with acetylated D-glucopyranose alkyl-orthoacetic acids. A. I. Khorlin, A. F. Kochkov, N. K. Kochetkov. Khim. prirod. soed. 2 no. 2 6-12 F 1966.

ORTHODOX EASTERN CHURCH

(see also subdivision under Czechoslovakia; Germany)

Brief news. Zhur. Mosk. Patr. no. 2 3 F 1966.

Christmas services at the Epiphany Cathedral of Russian Patriarchs. N. I. Zhur. Mosk. Patr. no. 2 20-23 F 1966.

Decisions of the Holy Synod. Zhur. Mosk. Patr. no. 3 3-5 F 1966.

Divine services performed by His Holiness Patriarch Aleksei. Zhur. Mosk. Patr. no. 2 6 F 1966.

News from the dioceses. Zhur. Mosk. Patr. no. 3 26-28 F 1966.

News from the dioceses. Zhur. Mosk. Patr. no. 2 33-34 F 1966.

Services of His Holiness Patriarch Aleksei. Zhur. Mosk. Patr. no. 3 9 F 1966.

ORTHODOX EASTERN CHURCH—CLERGY

Death of Protopresbyter Antonii Tkai. Zhur. Mosk. Patr. no. 3 8 F 1966.

Obituaries. Zhur. Mosk. Patr. no. 3 28 F 1966.

A reward to Metropolitan Manuil. Zhur. Mosk. Patr. no. 2 14 F 1966.

ORTHODOX EASTERN CHURCH—RELATIONS

An address of the institutions of theological education of the Moscow Patriarchate congratulating the Theological Seminary of Kolyma. Zhur. Mosk. Patr. no. 2 3 F 1966.

Appointment of the new head of the Moscow Patriarchate Mission in Beirut. Zhur. Mosk. Patr. no. 3 7 F 1966.

Brief news. Zhur. Mosk. Patr. no. 3 8 F 1966.

Celebration of the name day of His Beatitude Patriarch Pheodori VI at the Antioch Mission in Moscow. Alekhsandrits Aleksei. Zhur. Mosk. Patr. no. 3 40 F 1966.

Christmas greetings received by His Holiness Patriarch Aleksei from the heads of Christian churches. Zhur. Mosk. Patr. no. 3 1 F 1966.

Exchange of messages between the heads of the Moscow and Constantinople Patriarchates with respect to the so-called Kai Iovlay schism. Zhur. Mosk. Patr. no. 3 2-3 F 1966.

Greetings from His Holiness Patriarch Aleksei sent to Basil Eugen I. Patriarch and Catholics of the Syrian Church. Zhur. Mosk. Patr. no. 2 2-3 F 1966.

Remission of the anathema of 1054. Zhur. Mosk. Patr. no. 2 4 F 1966.

Spirituality and appeal to the world. Karl Ordnung. Zhur. Mosk. Patr. no. 3 21-22 F 1966.

Visiting brother-Christians in India. A. Ostapov. Zhur. Mosk. Patr. no. 3 46-52 F 1966.

ORTHOGONAL FUNCTIONS

see Functions, Orthogonal

ORTHOGONAL SERIES

see Series, Orthogonal

ORTHOPEIDIA

(see also subdivision under Paris)

Surgical treatment of congenital defects in the development of the thumb. V. M. Khotimskaya. Ortop., travm. i protez. 27 no. 3 24-29 M 1966.

Surgical treatment of the sequelae of nonspecific infectious polyarthritis. F. R. Bogdanov. Ortop., travm. i protez. 27 no. 3 13-18 M 1966.

ORTHOPEDIC APPARATUS

Some biomechanical prerequisites for designing braces in scoliosis. M. N. Polonskii. Ortop., travm. i protez. 27 no. 2 38-44 F 1966.

ORTHOPEDIC SOCIETIES

Report on the activities of the societies of traumatologists and orthopedists for September 1965. S. T. Zaitsegin. Ortop., travm. i protez. 27 no. 2 75-80 F 1966.

Report on the activities of the societies of traumatologists and orthopedists for October 1965. S. T. Zaitsegin. Ortop., travm. i protez. 27 no. 2 80-85 F 1966.

ORTHOPEDIC TRACTION

Apparatus for the elongation of the leg. I. A. G. Dubrov, A. P. Solomonov. Ortop., travm. i protez. 27 no. 3 74-77 M 1966.

OSCILLATIONS

Clarification of a trigonometrical transformation. V. I. Simonovskii. Izv. vuz. ucheb. zav., elektromekh. 9 no. 2 229 F 1966.

Forced oscillations of a system with one degree of freedom as a method for studying dry friction. V. A. Semenova. Trudy VZET no. 1 7-14 F 1966.

Fundamental properties of nonlinear focusing. V. V. Vechevalov, I. U. F. Orlov. Atom. energ. 20 no. 2 112-117 F 1966.

Theory of quantum oscillations of surface impedance. M. I. Azbel', G. A. Bogdashvili. Fiz. y red. Zhur. eksp. i teoret. fiz. 3 no. 6 201-205 M 1966.

OSCILLATIONS—BOUNDARY VALUE PROBLEMS

Solution of certain boundary value problems in the theory of oscillations for a circular region and a circular ring. G. P. Kivinkadze. Trudy Vych. tsentra AN Gruz. SSR 6 2 53-65 F 1966.

OSCILLATORS, CRYSTAL

Crystal oscillator with a small fluctuation level. I. U. E. Antek, D. I. Filatov. Radiotekh. i elektron. 11 no. 4 759-761 Ap 1966.

D.c. amplifiers for temperature regulation systems of thermostats of high-stability quartz oscillators. N. V. Nikitin. Trudy inst. Kom. stand., mer. i izm. prib. no. 77 24-32 F 1966.

Design and manufacture of precision quartz resonators. A. N. Smirnov. Trudy inst. Kom. stand., mer. i izm. prib. no. 77 37-39 F 1966.

Design, manufacture, and investigation of the VNIIFTRI quartz clock. V. M. Titov. Trudy inst. Kom. stand., mer. i izm. prib. no. 77 5-15 F 1966.

Devices for measuring the quality factor of quartz resonators. L. A. Shustrova. Trudy inst. Kom. stand., mer. i izm. prib. no. 77 63-66 F 1966.

Ferrite translator frequency divider for quartz clocks. S. V. Shustrov. Trudy inst. Kom. stand., mer. i izm. prib. no. 77 33-36 F 1966.

OSCILLATORS, CRYSTAL (Continued)

Quartz plates of the X₉₀-P cut for underground quartz oscillators. A. G. Smagin, F. L. Vizin. Trudy Inst. kom stand., mer. i izm. prib. no. 77:59-62 '65.

Selecting the temperature-regulation system for thermostats of high-stability quartz oscillators. N. V. Nikitin. Trudy Inst. kom stand., mer. i izm. prib. no. 77:16-23 '65.

OSCILLATORS, CRYSTAL—THERMAL PROPERTIES

Temperature-frequency characteristics of quartz plates. A. G. Smagin, I. U. Shimin. Trudy Inst. Kom. stand., mer. i izm. prib. no. 77:50-57 '65.

OSCILLATORS, ELECTRIC

Deviation of the frequency of oscillations of generators with double-loop delayed feedback. V. A. Malyshev. Radiotekhnika i elektronika, 11 no. 4:763-766 Ap '66.

Effective method for difference frequency generation using a nonlinear medium. A. M. Fedorchenko. Radiotekhnika i elektronika, 11 no. 4:693-698 Ap '66.

Systems with multiloop delayed feedback. V. N. Iakovlev. Radiotekhnika i elektronika, 11 no. 3:530-544 Mi '66.

OSCILLATORS, ELECTRON-TUBE

Synchrophase LC generator. Z. M. Kanevskii. Radiotekhnika i elektronika, 11 no. 4:761-762 Ap '66.

OSCILLATORS, TRANSISTOR

Selective circuits of transistorized RC oscillators. V. S. Guitnikov. Trudy LPI no. 256:34-37 '65.

Study of a transistorized master oscillator of a three-stage series inverter. M. V. Gel'man, V. A. Mineev. Izv. vuzov, ucheb. zav. i elektronika, 9 no. 2:223-225 '66.

OSCILLOGRAPHY

Determining the density distribution in a plasma from the refraction of a microwave beam. A. A. Dushin and others. Zhur. tekhn. fiz. 36 no. 2:304-312 F '66.

Location of moving plasmoids from a coaxial injector. S. D. Il'in and others. Zhur. tekhn. fiz. 36 no. 1:53-57 Ja '66.

Method and equipment for investigating the electroreduction process under the effect of repeated discharges. A. A. Namatova, G. A. Ostrovskiy. Elektr. obit. mat. no. 1:12-14 '65.

Oscillogram of voltages and currents in silicon-manganese furnaces. I. T. Zherdev and others. Met. i koksochim. no. 3:137-141 '65.

Processing and evaluation of the data of locomotive testing for strength. I. U. V. Kolesin. Vest. TSNI MPF 23 no. 2:26-30 '65.

Use of the "Alpha" unit in studying plasma concentration by the method of probing with a fast atomic beam. V. V. Afrosimov and others. Zhur. tekhn. fiz. 36 no. 1:102-110 Ja '66.

OSIPANOV, VASILII STEPANOVICH

Zil'berman, E. G., and V. K. Khollavin. [Assault ("in the name of the revolution"), sketch of the life and revolutionary struggle of Vasilii Osipanov] Pokushe- nia ("vo imia revoliutsii"), ocherk zhizni i revoliutsion- noi bor'by Vasilii Osipanova. Izd. 2. [Kazan'] Izd-vo Kazanskogo univ., 1965. 118 p. (Studenty-revoliutsionery Kazanskogo universiteta) (CSL-H)

OSMOSIS

Changes in water-salt relations between blood and pericapillary space in capillary hyperosmosis. L. K. Vailkanova. Fiziol. zhur. 52 no. 3:291-296 Mr '66.

OSSETIA, NORTH—CONSTRUCTION INDUSTRY

From losses to profits. A. Tbilov. Na stroi. Ros. 7 no. 2:15-16 F '66.

OSSETIA, NORTH—CORN (MAIZE)—FERTILIZERS AND MANURES

Why the merits of an agronomist remain unnoticed? A. Dubil'er. Zemledelie 28 no. 1:41-43 Ja '66.

OSSETIC LITERATURE—HISTORY AND CRITICISM

Semenov, L. P. [Selected works, Articles on Ossetic literature] Izbrannoe, Stat'i ob ossetinskoj literature. Ordzhonikidze, Severo-Osetinskij knizhnoe izd-vo, 1964. 416 p. (NIC)

OSSEIFICATION

Anatomical X-ray studies of the ossification of the para-articular tissues in the thoracic region of the spine. Z. B. Altman. Sbor. nauch. rab. vrachei Kar. ASSR no. 4:159-162 '62.

OSTEOMYELITIS

Osteomyelitis of the skull. N. M. Mostichuk. Klin. khir. no. 6:84-86 '65.

Results of surgical treatment of chronic osteomyelitis using bovine peritoneum. A. M. Krasota. Klin. khir. no. 4:54-60 '65.

OSTRACODA see subdivision under Black Sea region

OSTRACODA, FOSSIL

(see also subdivision under Caspian Lowland, Crimea; Dnieps Range, Russia; Asiatic, Russia; Southern; Turkmenistan, Ukraine)

Antesokolov Shishkinskaya, nom. nov., a new generic name. A. F. Shishkinskaya. Paleont. zhur. no. 1:135 '66.

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1880

Who was this play performed? E. Kholodov. Teatr. 27 no. 2:15-21 F '66.

OTORHINOLARYNGOLOGY

Rheumatic fever, chronic tonsillitis and other chronic inflammatory otorhinolaryngological diseases at industrial enterprises. I. U. E. Nostovker, I. A. M. Rutgaizer. Sbor. nauch. rab. vrachei Kar. ASSR no. 1, 41-44 '62.

OTRADNYI (OREL PROVINCE)—SUGAR FACTORIES—DESIGN AND CONSTRUCTION

Methods of assembling the Otradnyy Sugar Factory. M. Vasil'ev. Na stroi. Ros. 7 no. 1:15-16 Ja '66.

OTS, GEORG, 1920-

Meeting with music. M. Maksakova. Sov. muz. 30 no. 3:55-57 Mi '66.

OUTER SPACE—EXPLORATION

Sazonov, B. I. [Outer space at our doors] Kosmos u nashikh dvelei. Leningrad, Gidrometeoizdat, 1966. 198 p.

OVARIES

Histological and functional changes in the ovaries and thyroid gland of guinea pigs after the injection of pregnant mare's serum and blood. G. A. Cheremishnov. Viteinskaja 42 no. 1:66-72 Ja '66.

OVARIES—CANCER

Prevention of ovarian cancer. S. L. Shemlova. Vop. onk. 12 no. 3:87-88 '66.

OVENS

Changes in the density of the heat flow over the surface of the bread dough. V. I. Teichkun, A. T. Lisovenko, A. A. Mikholev. Khleb. i kond. prom. 10 no. 3:17-19 Mr '66.

OVERTIME

Supplementary payment for extra work. Ekon. i zhizn' 8 no. 1:93 Ja '66.

OWLET MOTHS see subdivision under Ramiris

OXABICYCLOHEPTADIENE

3,6-Endoxacyclohexanes and -cyclohexenes. Part 30: Stereochemistry of epoxidation of dimethyl ester of 7-oxabicyclo[2,2,1]-2,5-heptadiene-2,3-dicarboxylic acid. N. S. Zefirov and others. Zhur. obshch. khim. 36 no. 2:107-119 F '66.

OXALATES

Mechanism of the anodic dissolution of zinc in oxalate electrolytes. V. I. Kravitsov, V. N. Chumakov. Vest. LGU 21 no. 4:133-140 '66.

OXALATOARGENTATES, EFFECT OF RADIATION ON

Paramagnetic centers in irradiated oxalatoargentates. A. K. Polapovich and others. Dokl. AN BSSR 10 no. 1:11-14 Ja '66.

OXALIC ACID

Infrared spectra of a germanium (IV) oxalate complex. G. I. Kurnevich, V. B. Vishnevskii. Zhur. neorg. khim. 11 no. 3:679-680 Mr '66.

Mechanism and kinetics of a cerium-oxalate reaction. K. B. Iatsimskii, A. A. Luzan. Zhur. neorg. khim. 10 no. 10:2266-2274 O '65.

OXAMIC ACID

Relationship between the chemical structure and action in the series of substituted amides and hydrazides of N-(4-antipyril)-oxamic acid. Farm. i toka. 29 no. 1:22-25 Ja-F '66.

OXAMIDE

Complex compounds of metals with dibenzylidithio-oxamide. V. N. Tolmachev, P. V. Rastegina. Ukr. khim. zhur. 32 no. 1:82-86 '66.

Spectrometric study of the interaction of thallium ion with rubenic acid. Kh. I. A. Levitman, L. S. Mikhalevich. Dokl. AN BSSR 10 no. 2:94-97 F '66.

OXAZOLE—SPECTRA

Infrared absorption spectra of derivatives of 2-methyl-3',4'-dihydronaphth-1',2'-di-5-oxazole. I. K. Baeva, I. F. Mikhailova. Izv. SO AN SSSR no. 11, Ser. khim. nauk no. 3:163-168 '64.

OXAZOLINONE

Derivatives of (4S)-oxazolone and (4S)-thiazolone. Part 5. Synthesis of bicyclic derivatives of (4S)-oxazolone and (4S)-thiazolone. I. V. Smolanka, S. M. Khripak, V. I. Staninets. Ukr. khim. zhur. 32 no. 2:202-203 '66.

OXIDASES

Evolution of the catalytic function of glutamic oxidase system. L. P. Zubok, Z. S. Kagnan. Dokl. AN SSSR 166 no. 4:982-985 F '66.

OXIDATION

Automation of the process of tin oxidation. P. T. Sverchuk. Neftokhimiya no. 1:12-13 '66.

Brilkina, T. G., and V. A. Shushunov. [Reactions of organometallic compounds with oxygen and peroxides] Renskii metalloorganicheskiy soedinenii s kislorodom i perekislami. Moskva, Nauka, 1966. 265 p.

Certain characteristics of the lead, zinc, and lead sulfide oxidation process. V. N. Kazakov, V. I. Smilno. TSvel. met. 30 no. 1:37-40 Ja '66.

Comparative oxidation of tin in halic acid continuous atmosphere. R. A. Amal and others. Neftokhimiya no. 2:21-24 '66.

Economic efficiency of the production of fatty alcohols by direct oxidation of paraffins. I. M. Yudin, D. M. Bolanovskii. Masl. zhur. prom. 12 no. 1:29-32 Ja '66.

Effect of polymers on the kinetics and depth of oxidation of the separate fractions of petroleum lubricating greases. L. F. Efimova, S. Z. Kaplan, L. I. Pils. Trudy IITISBP no. 16:102-107 '65.

Effect of the reaction mixture on a copper catalyst for propylene oxidation. I. A. B. Goukhovskii, I. I. Vorotanko, M. I. A. Rubanik. Khim. i tekhn. 7 no. 1:76-83 Ja-F '66.

Effect of ultrasound on the catalyzed oxidation of cyclohexanone in the liquid phase. K. A. Chervinskii, V. N. Mal'nev. Ukr. khim. zhur. 32 no. 1:60-71 '66.

Electron properties and activity of complex catalysts for hydrocarbon oxidation. I. A. Margolis, A. V. Krylova, E. S. Aleksandrova. Khim. i tekhn. 7 no. 1:60-75 Ja-F '66.

Investigation of solid products of oxidation of cracked residue. V. G. Gutsailuk, Zh. Zh. Ibadatova, Sh. F. Erdenova. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 3:71-76 Ji-S '64.

Iron-molybdenum oxide catalyst for oxidation of methanol to formaldehyde. Part 2: Thermodynamic composition and nature of the catalytically active component. G. K. Borokhov and others. Khim. i tekhn. 7 no. 1:144-150 Ja-F '66.

Liquid-phase oxidation of n-hexane. R. N. Abadzhova, R. V. Kuchel. Neftokhimiya 5 no. 1:528-535 Ji-Ag '65.

Mechanism of photoinitiated oxidation of hexamethyltin by oxygen. I. U. A. Alekseyev, B. A. Radtsig. Zhur. obshch. khim. 36 no. 3:543-547 Mi '66.

Oxidability of beryllium during its heating in the open air. M. V. Mal'nev and others. Izv. vuzov, ucheb. zav. i zavet. mel. 9 no. 1:116-119 '66.

Oxidation of ammonia on metal oxides. N. M. Moiseev, L. I. Luk'yanova, M. I. Tomkin. Khim. i tekhn. 7 no. 1:172-175 Ja-F '66.

Oxidation of bivalent platinum complex compounds. I. V. Pitsyn, S. V. Zernakov, A. V. Nikolayev. Dokl. AN SSSR 167 no. 1:112-114 Mi '66.

Oxidation of isopropyl-m-xylene. A. V. Bondarenko and others. Zhur. prikl. khim. 39 no. 2:401-409 F '66.

Oxidation of olefin acid and conjugated reactions. N. I. Mikhovskii, B. V. P. Efeyev, V. A. Lashchinskii. Neftokhimiya 5 no. 3:381-387 My-Ju '65.

Paraffin oxidation in presence of manganese dioxide and potassium or sodium fatty acid salts. A. A. Parichenko, I. A. Porol, M. A. Marchenko. Masl. zhur. prom. 31 no. 1:22-26 Ja '65.

Products of diethylbenzene oxidation. L. I. Antsuf. Dokl. AN SSSR 166 no. 4:857-860 F '66.

Some problems of the oxidation kinetics of a lower nickel sulfide. F. T. Bumazhnov, Izv. vuzov, ucheb. zav. i zavet. mel. 9 no. 1:25-30 '66.

OXIDATION, ELECTROLYTIC

Effect of surface-active agents on the electrooxidation of benzyl alcohol on a platinum electrode. N. F. Moiseeva, S. V. Gorbachev. Zhur. fiz. khim. 40 no. 3:737-741 Mi '66.

Electrochemical oxidation of silicon in ethylene glycol. S. P. Maminova, L. L. Olynets. Elektrokhiimiya 2 no. 3:346-350 Mr '66.

Electrochemical reduction of oxygen on a rhodium electrode in alkaline solutions. L. N. Nekrasov and others. Elektrokhiimiya 2 no. 3:363-367 Mr '66.

Kinetics of anodic oxidation of graphite. L. I. Kriktal'ik, Z. A. Rotenberg. Elektrokhiimiya 2 no. 3:351-353 Mr '66.

Mechanism of electrooxidation of methanol on a smooth platinum electrode. O. A. Kuzova, I. U. B. Vasil'ev, V. S. Bagetskii. Elektrokhiimiya 2 no. 3:267-276 Mr '66.

Oxidative potentials of platinum and titanium in a solution of potassium hypochlorite. I. E. Filiz, I. M. Vorob'ev. Trudy IITISBP no. 16:92-95 '65.

OXIDATION, PHYSIOLOGICAL

Mechanism of insect resistance to DDT: changes in tissue respiration in house flies (*Musca domestica*) during the increase of resistance to DDT. L. V. Iaguzhinskaya, I. A. Gabrihanik. Med. paraz. i paraz. bol. 35 no. 2:213-216 Mr-Ap '66.

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OXIDATION, PHYSIOLOGICAL (Continued)

Oxidative metabolism and phosphorylation in the liver in lead poisoning. L. I. Tein, Kh. A. Kakhn. Vop. med. khim. 12 no. 1 41-44 Ja-F '68

Phosphorylation coupled with respiration in the structures of the brain motor analyzer in using different oxidation substrates. I. L. Duvodova. Ukr. biokhim. zhur. 38 no. 1 90-94 '68

OXIDATION-REDUCTION REACTION

Effect of the gaseous atmosphere on chemical reactions and polymorphic transformations in the system zirconium dioxide - cerium oxide. A. I. Leonov, E. K. Keloi, A. B. Andreeva. Ognepoy 31 no. 3:42-48 '68

Oxidation-reduction state of the Staraya Russa and Khilovo mineral waters. A. I. Korotkov. Zap. LGI 48 no. 2:81-87 '68

Periodic process of the oxidation of malonic acid in a solution, studies on the kinetics of Belousov's reaction. A. M. Zhabotinskii. Biofizika 9 no. 3 306-311 '64

OXIDES

Dioxides of the acetylenic series. Part 5. F. I. A. Pervsev, V. I. A. Stashevich, L. P. Gavriluchonkova. Zhur. org. khim. 2 no. 3:397-401 Mr '68

OXIDIZING AGENTS

Use of flaming intensifiers during steel pouring. G. S. Kolganov. Metallurg II no. 3:20-21 Mr '68

OXO PROCESS

Hydroformylation in the gas phase. V. I. U. Gankin and others. Khim. i tekhn. topl. i masel II no. 4:10-10 Ap '68

Phase equilibria in the various stages of the oxo process. N. I. A. Gordina, D. P. Krinkin, D. M. Rudkovskii. Khim. prom. 41 no. 11:808-813 N '65

Secondary reactions in the oxo-synthesis process. D. P. Krinkin, D. M. Rudkovskii, A. G. Trifol. Nefte-khimiia 5 no. 3:373-380 My-Je '65

Studying the physicochemical properties of the system propionaldehyde - n-pentyl alcohol - isobutyl alcohol - water. A. S. Mozylukhin and others. Khim. i tekhn. topl. i masel II no. 4:11-15 Ap '68

OXYCELLULOSE

Utilization of low-substituted oxyethylcellulose for paper manufacture. Report No. 5. N. P. Porokai'skii, E. L. Akhm. Trudy L'vovsk. univ. 17:50-58 '65

OXYGEN

Discharge tube as a source of atomic oxygen. V. I. A. Bazelevich, S. M. Kogan'ko. Zhur. fiz. khim. 40 no. 3: 744-748 Mr '66

Effect of temperature and agitation on the rate of oxygen dissolution in liquid nutrient media. L. A. Egorova, I. N. Pormogova. Mikrobiologiya 35 no. 1:174-179 Ja-Y '65

Kinetics of oxygen evolution on graphite at low anodic potentials. N. G. Bardina, L. I. Kishchaliuk. Elektro-khimiia 2 no. 2:216-221 P '68

Kinetics of the anodic oxygen evolution on graphite. Part 2. N. G. Bardina, L. I. Kishchaliuk. Elektrokhimiia 2 no. 3:331-339 Mr '68

Molecular interaction between oxygen and nitrogen in the region of repulsion. I. U. N. Bol'shev, V. B. Leonas. Zhur. tekhn. fiz. 36 no. 2:353-357 P '68

Radioactive method of determining oxygen in elastomers during processing and aging. L. V. Chapei and others. Kauch. i rez. 25 no. 3:49-53 '68

Results of spectrographic studies of telluric lines of O₂. A. K. Suslov. Prikl. fiz. atm. no. 3:203-214 '65

Study of oxygen adsorption on rhodium by the method of triangular and trapezoidal voltage pulses. E. I. Khru-shcheva, N. A. Shumilova, M. H. Tarasovich. Elektro-khimiia 2 no. 3:277-282 Mr '68

OXYGEN-INDUSTRIAL APPLICATIONS

Equipment for gas and oxygen trimming of the bottoms of large vessels of 800 to 4,000 mm in diameter. V. A. Bortsev, M. A. Tanarutskii, B. Kh. Zholobov. Svar. protv. no. 4:37-38 Ap '68

Heat and oxygen balance of open-hearth smelting with an oxygen blow. V. P. Pogorelyi and others. Stal' 26 no. 2:120-123 P '68

Industrial use of oxygen in the production of copper. L. M. Bochkarev, I. U. A. Bykhovskii, Z. L. Borlin. TSvet. met. 99 no. 1:14-18 Ja '68

Mechanical oxygen cutting using wire templates. A. D. Rokhov, Svar. protv. no. 3:44-45 Mr '68

Particularities of thermal conditions and the resistance of separate parts of a furnace under the effect of an oxygen blow. A. G. Panchenko and others. Metallurg II no. 3:8-18 Mr '68

Quality of steel melted in a high-capacity furnace with an oxygen blow. V. L. Safonov and others. Stal' 26 no. 3: 225-228 Mr '68

OXYGEN-PHYSIOLOGICAL EFFECT

Biological effect of oxygen under high pressures on the organism of man and animals; a review of the literature. A. I. Gonorov, A. F. Panin. Voen.-med. zhur. no. 2: 28-30 P '68

Effect of a gaseous medium on the susceptibility of mice in irradiation with various dose capacities. O. P. Smirnov. Med. rad. 11 no. 2 75-80 F '66

OXYGEN IN THE BODY

Oxygen concentration in tissues in barbamil narcosis. R. B. Strelov, O. I. A. Vorob'ev. Radiobiologiya 6 no. 1: 109-111 '65

OXYGEN ISOTOPES-ANALYSIS

Guanidine hydrochloride method of the transformation of water and orthophosphate oxygen to carbon dioxide for mass spectrum analysis for ¹⁸O content. L. A. Il'in. Vest. LGU 23 no. 3:85-81 '66

OXYGEN THERAPY

Oxygen therapy of dysentery in a polyclinic. M. S. Shur. Sov. med. 27 no. 5:114-117 M. '64

Results of treating experimental gas gangrene with oxygen under pressure. V. G. Nikonov, G. P. Petrova. Voen.-med. zhur. no. 2 32-34 F '68

Role of antibiotics and oxygen in changes of the adsorption capacity of the peritoneum. N. A. Kryzhanovskii. Eksp. khir. i anesl. no. 4 34-37 '65

Use of oxygen under increased pressure in some pathological states, experimental study. I. U. G. Shaposhnikov, M. F. Gul'akin, N. N. Fomin. Voen.-med. zhur. no. 2: 30-32 F '68

OXYGEN WELDING AND CUTTING see Gas welding and cutting

OXYURIASIS

Course of epidemic hepatitis in patients with enterobiasis. A. I. Nelman, E. A. Kaufman. Trudy Khz. gos. med. inst. 14:145-147 '61

OYSTERS, FOSSIL see subdivision under Fergana Province; Podolia

OZONK DISTRICT-CONTRACTS, AGRICULTURAL

They have not fulfilled the forward contractual agreement... S. Pan'kov. Zakup sel'khoz. prod. no. 7: 37 JI '65

OZOCERITE

Changes in the ozocerite composition under the effect of micro-organisms. E. P. Rozanova, L. D. Shturma. Mikrobiologiya 35 no. 1:138-145 Ja-F '66

OZONE

Electrical theory of ozonators. Part 12. V. G. Samolov and others. Zhur. fiz. khim. 40 no. 3:531-538 M. '68

OZONE-SPECTRA

Regular twilight variations of atmospheric transparency in the ultraviolet ozone portion of the spectrum. S. F. Rodionov, B. N. Movchan. Probl. fiz. atm. no. 3:55-60 '65

PACHYCARPINE

Use of paper electrophoresis in determining pachycarpine in biological material. V. V. Mikhno. Farmatsy zhur. 18 no. 6:22-24 '63

PACIFIC OCEAN-ATMOSPHERIC TRANSPARENCY

Transparency and turbidity of air masses in the equatorial and tropical latitudes of the Pacific Ocean. G. N. Suzlumova. Trudy Inst. okean. 78:227-244 '65

PACIFIC OCEAN-ATMOSPHERIC TURBULENCE

Characteristics of turbulence over the Pacific Ocean. V. G. Snopkov. Trudy Inst. okean. 78:192-202 '65

PACIFIC OCEAN-CYCLONES

Conjunction of anticyclogenesis in the subtropical zones of the northern and southern parts of the Pacific Ocean. V. D. Burmistrova. Trudy Inst. okean. 78:5-7 '65

PACIFIC OCEAN-FORAMNIFERA

Distribution of species of benthic agglutinating Foraminifera in the Pacific Ocean. Kh. M. Saidova. Okeanologiya 6 no. 1:144-147 '68

PACIFIC OCEAN-GEOLOGY, STRUCTURAL

History of the development of conjugated zone in the Atlantic continent and Pacific Ocean. B. A. Petrushevskii. Bul. MOIP, Old geol. 41 no. 1 5-27 Ja-F '68

PACIFIC OCEAN-MARINE FAUNA

Significance of long-range changes in the circulation of waters of the Pacific Ocean for the distribution of pelagic animals. N. V. Parin, K. V. Beklemishev. Gidrobiol. zhur. 2 no. 1:3-10 '68

PACIFIC OCEAN-MARINE SEDIMENTS

Biostrophographic significance of Coelothophoridae in the bottom deposits of the Pacific Ocean. M. G. Ushkova. Okeanologiya 6 no. 1:136-143 '68

Boundary between deposits of Quaternary and Tertiary age in the Pacific Ocean; according to data of diatom analysis. V. V. Muklina. Okeanologiya 8 no. 1:122-135 '66

PACIFIC OCEAN-METEOROLOGY

Structure of meteorological fields the atmospheric circulation near the ground during significant deviations in the hydrologic regime of the northern part of the Pacific Ocean. I. A. Shishkov. Trudy Inst. okean. 78:8-48 '65

PACIFIC OCEAN-OCEAN CURRENTS

Significance of long-range changes in the circulation of waters of the Pacific Ocean for the distribution of pelagic animals. N. V. Parin, K. V. Beklemishev. Gidrobiol. zhur. 2 no. 1:3-10 '68

Structure of currents in the Pacific Ocean and their nomenclature. V. A. Burrov. Okeanologiya 6 no. 1: 3-14 '68

PACIFIC OCEAN-OCEAN TEMPERATURE

Characteristics of the distribution of water temperature in the equatorial zone of the Pacific Ocean. I. U. V. Isloshin. Okeanologiya 6 no. 1:40-52 '66

PACIFIC OCEAN-OCEANOGRAPHIC RESEARCH

37th voyage of the research ship "Vilius" (central part of the Pacific Ocean). V. P. Petelin. Okeanologiya 6 no. 1:172-175 '66

PACIFIC OCEAN-SUBMARINE TOPOGRAPHY

New map of the bottom relief of the Pacific Ocean. B. I. Silkin. Zem. i vesl. 2 no. 1:77-78 Ja-F '68

PACIFIC OCEAN-WINDS

Equatorial westerly winds over the Pacific Ocean according to observations of Soviet expeditions; meteorological, aerological, and synoptic conditions. N. I. Solntseva. Trudy Inst. okean. 78:40-80 '65

PACIFICAN BODIES

Some characteristics of the Pacifican bodies. O. B. Il'in-ski. Bul. eksp. biol. i med. 61 no. 1:3-8 Ja '68

PACKED TOWERS

Bromine absorption in apparatus with a fluidized bed of ball packing. N. I. Gal'perin and others. Khim. prom. 41 no. 11:832-833 N '65

Determination according to liquid of the inversion point in packed absorption columns under constant load. L. I. Blakham. A. M. Iakubson. Khim. i nefte mashinost. no. 1:21-22 Ja '68

Studying the mass transfer in absorption apparatus with the application of pulsating vibrations. I. I. A. Goidotski and others. Khim. prom. 41 no. 11:834-837 N '65

PACKING (MECHANICAL ENGINEERING)

Effect of injection pressure on the service life of elastic packing of fluid pumps. V. M. Litvinov, G. M. Pozharinov. Mash. i nefte. obor. no. 1:16-18 '68

Mechanism of the sealing of plug-type valves using packing lubricants with fillers. I. G. Fuks and others. Nefteper. i neftekhim. no. 2:27-30 '68

Results of field testing of rubber packing for slush pumps. L. G. Alekseev and others. Mash. i nefte. obor. no. 2:5-8 '68

Studying the work of the rotor journal packings of rubber mixers in the Dnepropetrovsk Tiro Plant. L. I. Mamon, and others. Kauch. i rez. 25 no. 2 34-37 '68

PACKINGHOUSES-EQUIPMENT AND SUPPLIES

(see also subdivision under Bryansk) Separator for cutting fat. F. Nenashev, N. Kondrashev. Mas. ind. SSSR 37 no. 1:13 '68

PAINT-PACKING

Norms of lumber expenditure for the packing of paint materials. L. I. U. Pastyuk, A. K. Soboleva. Lakokras. mat. i kh. prim. no. 1:82-84 '68

PAINT MATERIALS

Accelerated film forming by alia and alkyds. M. M. Mogilevich, R. D. Frolova. Lakokras. mat. i kh. prim. no. 1:13-15 '68

Paint materials with a base of carbamide-alkyd resins. E. V. Orlovchenko, N. I. U. Priyishnikov, R. V. Gubenko. Lakokras. mat. i kh. prim. no. 1:18-20 '68

PAINT MATERIALS-DRYING

Drying of free-flowing and pastelike materials in cyclone dryers. E. S. Sazhin and others. Khim. prom. 41 no. 11:846-848 N '65

PAINT MATERIALS-EXHIBITIONS

New lacquers, paints, and enamels. P. Abramenko. Inform. biul. VDNKh no. 4:34 Ap '68

PAINTERS, INDUSTRIAL-EDUCATION AND TRAINING

The painters of posters and slogans combine their work with studies. V. Morezov. Agitator 33 no. 3:38-39 P '68

PAINTING, INDUSTRIAL

Nagorskaya, I. A. [Wood finishing with paint materials] Odolika drevosnykh lakokrasochnymi materialami. Moskva, Khimiia, 1966. 233 p.

PAINTING, INDUSTRIAL—EQUIPMENT AND SUPPLIES

Equipment for the preparation of the surface of products for painting. N. V. Danilchenko, V. N. Krasnaya. *Informatsionnyi zhurnal* no. 1, 64-66 '66

PAINTING, MEDIEVAL

Grabar', I. E. [Early Russian art, studies, restoration and preservation of cultural monuments] *O drevnerusskom iskusstve, issledovaniia, restavratsiia i ohrana pamiatnikov*. Moskva, Nauka, 1966. 386 p. illus.

PAINTINGS see subdivision under Leningrad

PAINTINGS—CONSERVATION AND RESTORATION

Grabar', I. E. [Early Russian art, studies, restoration and preservation of cultural monuments] *O drevnerusskom iskusstve, issledovaniia, restavratsiia i ohrana pamiatnikov*. Moskva, Nauka, 1966. 386 p. illus.

PAINTINGS, UKRAINIAN

Dmytrenko, A. F. [Soviet Ukrainian historical painting] *Ukrains'kyi radians'kyi istorychnyi zhypovys*. Kyiv, Mystelstvo, 1966. 133 p. illus.

PAIR PRODUCTION

Decay of baryons and mesons with production of electron-positron pairs in $U(12)$ symmetry. Dao Vung Duc. *IAD*, fiz. 3 no. 3:545-548 Mr '66.

Form factors in nonleptonic decay and in reactions of W-boson production. L. Okun'. *IAD* fiz. 3 no. 3:590-591 Mr '66.

Polarization effects in the process of photoproduction of W-meson pairs on a nucleus. A. L. Baisan, Vestsi AN BSSR, Ser. fiz. -mat. nauk, no. 1:134-136 '66.

PAKISTAN—POLITICS AND GOVERNMENT

Ten years of the Republic of Pakistan. V. Kassia. *Nov. vrem* 23 no. 13:21-22 Mr '66.

PALEOBOTANY

Separation of plant remains from petroleum by filtration. G. P. Shkrebta. *Paleont. zhur* no. 1:136-141 '66.

PALEOBOTANY, STRATIGRAPHIC

(see also subdivision under Donets Basin, Eurasia, Ladoga, Lake, Siberian Platform; Turkyr region, Turkmenistan)

Flippart flora. P. I. Dorofeev. *Paleont. zhur* no. 1:124-134 '66.

PALEOGRAPHY

(see also subdivision under Amur Valley, Kamchatka, Perm Province, Russia, Southern, Siberia)

Tikhomirov, M. N., and A. V. Murav'ev. [Russian paleogeography] *Russkaya paleogeografiia*. Moskva, Vysshaya shkola, 1966. 287 p. illus.

PALEOMAGNETISM

Character of the vector of spread of remanent magnetism in lava flows with various types of cleavage. I. U. P. Skovbrodskii. *Izv. AN SSSR Fiz. zem.* no. 2:80-83 '66.

Viscous magnetization of rocks. I. U. D. Tropin, E. K. Iakubal'ts. *Izv. AN SSSR Fiz. zem.* no. 2:77-79 '66.

PALEONTOLOGICAL SOCIETIES

Eleventh session of the Paleontological Society of the U.S.S.R. D. L. Stepanov. *Sov. geol.* 9 no. 2:164-165 F '66.

Fiftieth anniversary of the Paleontological Society of the U.S.S.R. Z. A. Maksimova. *Paleont. zhur* no. 1:165-166 '66.

PALEONTOLOGY

Discussions on the origin of Paleodictyon, Ervin Sheitner. *Paleont. sbor.* [L'viv] no. 2, pl. 1:88-90 '65.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Caucasus, Northern; Podolia, Sayan Mountains; Siberian Platform, Transcarpathia, Ukraine, Yelovka Valley (Kamchatka)

PALLADIUM CATALYSTS

Hydrogenation of dimethylhydrazine over palladium catalysts on carriers. D. V. Sokol'skii, N. A. Gogol'. *Dokl. AN SSSR* 166 no. 5:1140-1142 F '66.

PALLADIUM COMPOUNDS

Spectrophotometric study of the thiourea complexes of bivalent palladium. V. I. Shlenkova, A. A. Birkukov, E. M. Moskovkina. *Zhur. neorg. khim.* 11 no. 3:600-605 Mr '66.

PALLADIUM COMPOUNDS—THERMAL PROPERTIES

Heat capacity and conversions of palladium chlorotitanamine hydrate at 50-320°K. G. A. Sharpatova, V. A. Sokolov. *Zhur. neorg. khim.* 10 no. 10:2235-2242 Q '65.

PALLADIUM ELECTRODES see Electrodes, Palladium

PALLAS VOLCANO

Intensification of the activity of Pallas and Snow Volcanoes. G. A. Jaffe. *Zap. Primor. fil. Geog. ob-shch. SSSR* no. 1:129 '65.

PALUDRINE

Relationship between the teratogenic effect and chemical structure of medicinal substances. Experiments with chloridine and biguanil. A. P. Dyban, L. D. Udaltova, I. M. Arinova. *Dokl. AN SSSR* 167 no. 1:228-231 Mr '66.

PALYNOLOGY see subdivision under Bol'shaya Layda Valley, Buryat A.S.S.R., Donets Basin, Kizel Basin, Olonek District, Second Baku; Siberia, Western, Ural Mountain region

PAMIRS—BOTANY

Flora of the Lake Saiez region of Badakhshan and its relation with the flora of the Pamirs. I. U. D. Gusev. *Bot. zhur* 51 no. 1:81-73 Ja '66.

PAMIRS—EARTH—SURFACE

Structure of the upper mantle of the earth along the Pamir-Lena River profile. A. A. Lukh. *Sov. geol.* 9 no. 2:106-117 F '66.

PAMIRS—MILITARY MANEUVERS

A high mountain march in the Pamirs. N. Kichasov, V. Syldersal, Voen.-isl. zhur. 8 no. 3:94-69 Mr '66.

PAMIRS—OWLET MOTHS

New and little-known Lepidoptera from the Pamirs and adjacent regions. Report No. 1. Tashkent (Kovka), jashovi, gen. et sp. n. (Lepidoptera, Noctuidae, Cucullinac). A. A. Bundel'. *Ent. oboz.* 45 no. 1:212-216 '66.

PANCREAS—DISEASES

Blood aldolase in diseases of the biliary tract and the pancreas. R. G. Ambarsumian. *Khirurgiya* 42 no. 3:56-58 Mr '66.

Effect of diet with an increased protein content on the course of chronic pancreatitis. S. A. Tuzhikova. *Sov. med.* 29 no. 1:44-48 Ja '66.

Pathohistology of various phases of experimental acute pancreatitis in dogs. K. D. Toskin, L. B. Rozinskii. *Arkh. pat.* 28 no. 1:68-70 '66.

Proteolytic activity and the content of trypsin inhibitor in the blood serum and pancreatic juice in chronic pancreatitis. V. A. Shalevnikov. *Vop. med. khim.* 12 no. 1:103-105 Ja-F '66.

PANCREAS—SECRETIONS

Isolation and some properties of chymotrypsinogen of swine. M. T. Proskurnikov. *Pril. biokhim. i mikrobiol.* 2 no. 2:206-210 Mr-Apr '66.

PANCREAS—SURGERY

Combined resections of the stomach and pancreas in gastric cancer. A. I. Kozhevnikov, S. S. Nestorov. *Khirurgiya* 42 no. 3:3-8 Mr '66.

PANCREAS—TUMORS

"Accessory" pancreas in the stomach wall, 3 observations. V. N. Koshelev. *Vop. onk.* 12 no. 2:89-90 '66.

Lesion of the nervous system in hyperinsulinism (syndrome of lateral amyloidotic sclerosis in adenoma of the pancreas). E. S. Averbukh, V. L. Efimenko. *Zhur. nevrolog. i psikh.* 66 no. 3:445-450 '66.

PANCREAS—WOUNDS AND INJURIES

Subcutaneous isolated lesion of the pancreas. E. M. Dagnenko. *Khirurgiya* 42 no. 3:132-133 Mr '66.

PANELING

Precision of the mechanical processing of panel parts for furniture. G. K. Korzhuk. *Der. prom.* 15 no. 3:3-5 Mr '66.

PANELS (BUILDING)

(see also subdivision under Volkinsk Hydroelectric Power Station)

Advantages of ceramic panels. P. I. Anishevskii, S. Kulchitskii, P. Rudenko. *Stroitel. arkhit.* 14 no. 3:40 Mr '66.

Determining the springing effect in bending panels reinforced with stiffening ribs. V. A. Shchegolina. *Samotelostr. i tekhn. vozd.* 10 no. 4:128-131 '65.

Developing and studying embedded parts for suspended wall panels. I. Lin'kov, V. Kurchikov. *Zhil. stroit.* no. 2:24-26 '66.

Heat transmission by partitions to joints of exterior wall panels. F. Ushkov. *Zhil. stroit.* no. 2:12-20 '66.

Improving the manufacture of gas-ash concrete wall panels. N. I. Dubrovina and others. *Stroitel. mat.* 12 no. 3:14-15 Mr '66.

Improving the prefabrication of keramzit concrete wall panels in the formation process. I. G. Sorapin and others. *Stroitel. mat.* 12 no. 3:31-34 Mr '66.

Large-panel elements of concrete. P. Ereminok, F. Kolotilov. *Stroitel. arkhit.* 12 no. 4:35-38 Ap '64.

New reserves for plants manufacturing rolled gypsum panels. S. S. Pechuro. *Stroitel. mat.* 12 no. 3:5-6 Mr '66.

Practices in introducing prestressed hip panels. P. Grigor'ev, A. Kosol, I. Lutsenko. *Stroitel. arkhit.* 12 no. 4:33-34 Ap '64.

Regional conference on large-panel housing construction in Western Siberia. V. P. Ganin, I. N. Agaf. *Blud. stroit. tekhn.* 28 no. 1:3 of cover Ja '66.

Rolled gypsum panels with ducts for electric wiring. Sh. S. Levin, V. G. Tkachev. *Stroitel. mat.* 12 no. 3:21 Mr '66.

Structure of tolerances and the control of the dimensions of exterior wall panels. I. Zhodirshakli, A. Gurev. *Zhil. stroit.* no. 2:21-23 '66.

Twelve-story apartment house made from vibrated panels. Z. Rozenfel'd. *Zhil. stroit.* no. 1:11-13 '66.

PANELS (BUILDING)—FINISHING

Machinery for finishing reinforced concrete panels. A. Bololnyi and others. *Ma. stroit. Ros.* 7 no. 2:28 F '66.

PANELS (BUILDING)—STANDARDS

The second batch. I. U. Giechank. *Standartizatsiia* 29 no. 12:46-47 D '65.

PANELS (BUILDING), EFFECT OF TEMPERATURE ON

Effect of temperature deformations on the performance of wall panels. G. F. Kuznetsov, V. G. Kiselev. *Stroitel. mekh. i avt. soor.* 8 no. 1:24-28 '66.

PANOVA, VERA FEDOROVNA, 1905-

In defense of dignity. A. Matlamov. *Teatr* 27 no. 2:28-31 F '66.

PANTOGRAPH

Pantograph for recording the contour of the body in plan using radiotherapy. V. A. Krasov, I. V. Anisimov. *Med. rad.* 11 no. 2:62-63 F '66.

Precision in straightening a grinding wheel by means of a pantograph. A. A. Khilus. *Vest. mashinost.* 46 no. 3:73-74 Mr '66.

Synthesis of the pantograph for straightening grinding wheels considering the precision of the mechanism. A. A. Khilus. *Izv. vuz. ucheb. zav. mashinost.* no. 12:12-18 '65.

PAPER

Physical chemistry of some processes in woodpulp and paper production. I. E. Fila, K. P. Mishchenko. *Tруды LTTSIP* no. 10:16-23 '65.

PAPER—DRYING

Convection drying of paper with jet blowers. V. V. Krasnikov, V. A. Danilov. *Bum. prom.* no. 2:10-11 F '66.

PAPER—TESTING

Apparatus for determining paper resistance to punching. N. M. Anishevskii, V. L. Mirkina, A. E. Mar'ianchik. *Bum. prom.* no. 3:24-25 Mr '66.

[Testing paper and cardboard] *Ispytanie bumagi i kartona*. [By] S. A. Puzryev. *dr.* Moskva, Lesnaya promyshlennost', 1966. 410 p.

PAPER CHROMATOGRAPHY

Analysis of the products of hydrocarboxylation of butadiene by paper chromatography. B. K. Kuvayev, N. S. Dmitriyev. *Zhur. anal. khim.* 21 no. 2:221-220 '66.

Comparison of the methods of paper chromatography and emission spectroscopy for determining rare-earth elements and their mixtures. G. D. Eliseeva, O. A. Kul'skaya, Uki, Khim. zhur. 32 no. 2:220-221 '66.

Quantitative determination of carboxylic acids in plant material by thin-layer chromatography. A. L. Samuilenko. *Dokl. AN SSSR* 10 no. 2:116-118 F '66.

Separation of brain phospholipids by the method of thin-layer chromatography. M. A. Chebotnikova. *Vop. med. khim.* 12 no. 1:95-98 Ja-F '66.

PAPER ELECTROPHORESIS

Electrophoresis and its use in pharmacy. N. I. Vestnik. *Apt. delo* 15 no. 1:80-88 Ju-F '66.

Electrophoretic separation of blood proteins in fur-bearing animals. V. A. Borstov. *Dokl. Akad. nauk* no. 2:40-42 F '66.

Use of paper electrophoresis in determining pachycarpin in biological material. V. V. Mikhlin, F. A. Masev. *Zhur.* 18 no. 5:22-24 '63.

PAPER INDUSTRY

(see also subdivision under Latvia)

Expand the manufacture of paper for sanitary and hygienic purposes and its products. *Bum. prom.* no. 2:10-11 F '66.

Expand the production and improve the quality of paper for printing purposes. *Bum. prom.* no. 3:1-2 Mr '66.

In the Ministry of the Forestry, Woodpulp and Paper, and Woodworking Industry: measures for the increase of the output and improvement of the quality of condenser paper. *Bum. prom.* no. 3:31 Mr '66.

Namesnikov, I. V., and V. F. Maksimov. [Fundamentals of safety engineering, industrial sanitation and fire prevention in woodpulp and paper industries] *Osnovy tekhniki bezopasnosti, promyshlennoi sanitarii i protivopozharnoi tekhniki v tselululozno-bumazhnoi promyshlennosti*. Moskva, Lesnaya promyshlennost', 1965. 98 p.

Paper industry and the new five-year plan. *Bum. prom.* no. 2:1-2 F '66.

STBY—ACCIDENTS

dustrial traumas and ways for their reduction
> and paper mills. A. M. Butseyev. Otkop.,
otet. 27 no. 3:50-60 Mr '66.

STBY—ACCOUNTING

ie utilization of the working capital of self-
paper industry enterprises. T. M. Sitkevich.
i. no. 3 26-28 Mr '66.

STBY—COSTS

ontrol and analysis of the cost of production.
iro, V. S. Kuznetsov. Bum.prom. no. 3;
8.

STBY—EQUIPMENT AND SUPPLIES

ctloning Knolln. V. V. Kilachin, and others.
i. no. 3:21-22 Mr '66.

8—EQUIPMENT AND SUPPLIES see sub- dei Tallinn

8—TECHNOLOGICAL INNOVATIONS see i under Lithuania

G see Sizing (Paper)

D—DRYING

ying by high-pressure steam. E. Sh. Niyenah-
Goi-canoli. Bum.prom. no. 2:21-22 F '66.

D—TESTING

r and cardboard] Ispytanie bunnagi i
Byj S. A. Puziyov i dr. Moskva, Lesnaya
nost', 1966. 410 p.

VG MACHINERY

A. and D. S. Dobrovolski. [Technology
ent of paper manufacturing] Tekhnologiya i
ie bunnazhno go proizvodstva. Izd. 3., perer.,
kva, Lesnaya promyshlennost', 1966. 439 p.
echnology of elastically undeterminable
ma. S. E. Shavolov. Trudy LITTSBP
18 '66.

ubular rolls of papermaking machinery with
A. T. Kalayev, L. G. Karpova, M. G. Tiurina.
i. no. 3:18 Mr '66.

coefficients of friction of some materials
ze screen. N. F. Kur'min, P. P. Tsybulov.
i. no. 2:8 F '66.

VG MACHINERY—ABSTRACTS

and equipment of the woodpulp, paper, and
lustry [Ref. zhur. Tekh. i obrab. tsel.-bum. i
zv. no. 2 F '66.

VG MACHINERY—DESIGN AND CONSTRU-

f calender and other rolls for papermaking
Lit. protzv. no. 2:47-48, 3 of cover F '66.

VG MACHINERY—ELECTRIC DRIVING

design and manufacture of electric drives.
tev. Bum.prom. no. 2:25 F '66.

.c. electric drives for spray-coating ma-
J. M. Rozov, V. E. Morozov. Bum.prom.
Mr '66.

the performance of electric drives. Bum.
.3:32-33 Mr '66.

VG MACHINERY—MAINTENANCE AND

us wheels for grinding papermaking ma-
lis. N. M. Ukraintsov, L. N. Filimonov,
unkol'. Bum.prom. no. 3:16 Mr '66.

VG MACHINERY—PARTS

gms of the suction boxes of papermaking
or the manufacture of newsprint. G. D.
A. Eldin. Trudy LITTSBP no. 17:135-151

quality and operation conditions of metallic
all means. Bum.prom. no. 2 insect:14

gh-speed papermaking machines. V. I. Linev,
ova, E. I. Gullaeve. Bum.prom. no. 2:10-20

VG MACHINERY—PARTS ubdivision under Fergana)

ory. Kryl. rod. 17 no. 4:15 Ap '66.

np. E. Tkachenko. Kryl. rod. 17 no. 4:23-

. Alona! B. Vasina. Kryl. rod. 17 no. 3;
0.

AX

solubility of hydrocarbons in alcohol on the
araffins obtained by carbamide dewatering.
kov, L. I. A. Vlasenko, L. I. Golomshok.
neftekhim. no. 1:20-31 '66.

PARAFFINS

Aromatization of paraffinic hydrocarbons in a fluidized
bed of an alumina-chromia catalyst. B. A. Kazanski
and others. Neftexkhimika 5 no. 4:482-485 Ju-Ag '65

Economic efficiency of the production of fatty alcohols by
direct oxidation of paraffins. I. M. Tovbin, D. M. Bolia-
novskii. Masl. -zhir. prom. 32 no. 1:29-32 Ja '66.

Formation of organic acids in oxidation of n-paraffins by
yeast organisms. T. V. Finogenova and others. Prikl.
biokhimi. i mikrobiol. 2 no. 2:156-162 Mr-Apr '66

Isomerization of low-melting paraffins over an aluminum-
molybdenum catalyst. I. A. R. Katschashvili, A. V. Mini-
baev. Neftex. i neftekhim. no. 2:11-14 '66.

Paraffin oxidation in presence of manganese dioxide and
potassium or sodium fatty acid salts. A. A. Potchenko,
I. A. I. Pucel', M. A. Marchenko. Masl. -zhir. prom. 31
no. 1:22-26 Ja '65

Particular features of the initiated cracking of alkanes.
A. D. Stepukhovich. Neftexkhimika 5 no. 4:512-519 Ju-Ag
'65.

Preparation of diacetylene derivatives of the 1,2-diphenyl-
ethane and 1,4-diphenylbutane series. I. L. Kalliarovski,
S. I. Shergina, A. S. Zaslina. Izv. AN SSSR, Ser. khim.,
no. 2 358-360 '66.

Stepukhovich, A. D. [Kinetics and mechanism of the
thermal cracking of alkanes] Kinetika i mekhanizm
termicheskogo krekinga alkanov. [Saratov] Izd-vo
Saratovskogo univ.
Pl. i. 1965. 301 p.

Thorough chlorination of pentane and isopentane. L. M.
Kogan, A. G. Goladkina. Zhur. prikl. khim. 39 no. 2
374-381 F '66.

PARAFFINS, EFFECT OF RADIATION ON

Mechanism of radiation-thermal transformations of
n-alkanes in the liquid phase. A. M. Boudskii and others
Neftexkhimika 5 no. 3:351-362 My-Jc '65.

PARAFORMALDEHYDE

Synthesis of organophosphorus compounds starting from
phosphorus hydrides. Part 3 Reactions of ethyl-,
diethyl-, and methylallylphosphines with paraformalde-
hyde. E. I. Grinshteyn, A. B. Brukes, L. Z. Sobolevskii.
Zhur. ob khim. 36 no. 2 302-306 F '66.

PARALLEL BARS

Free exercises on bars of various height. A. V. Levkina.
Teor. i prak. fiz. kult. 29 no. 3:20-22 Mr '66.

Interrelation between technical and physical training on
bars of various height. P. V. Potsekin. Teor. i prak.
fiz. kult. 29 no. 3:22-24 Mr '66.

PARAMECIUM

Analysis of hereditary mechanisms determining the
thermostability in Paramecium caudatum. D. V. Osipov.
Genetika no. 1:110-131 Ja '66.

Combined effect of hydrogen peroxide and amino acids on
Paramecium. A. S. Popov. Radiobiologiya 6 no. 1:120-22
'66.

Conjugation processes in Paramecium putrinum Clap. et
Lachm. Report No. 8 Induction and cytological study of
a triple conjugation. A. V. Iankovskii. TSitologiya 8
no. 1:70-80 Ja-F '66.

Heat resistance of Paramecium caudatum clones isolated
from various natural populations. D. V. Osipov. Vest.
LQU 21 no. 3:107-112 '66.

Methods of obtaining homozygous Paramecium caudatum
clones. D. V. Osipov. Genetika no. 2:41-48 '66.

Nuclear processes in the conjugation of Paramecium
following previous X-ray irradiation. N. E. Kovaleva,
A. V. Iankovskii. TSitologiya 8 no. 1:80-88 Ja-F '66.

Regeneration of macronucleus in Paramecium caudatum.
D. V. Osipov. TSitologiya 8 no. 1:100-110 Ja-F '66.

PARAMETRIC AMPLIFIERS

Energy relationships in a low-frequency parametric
amplifier using a p-n junction. V. D. Avorukh, Radio-
tekhnika 21 no. 3:73-74 Mr '66.

Parametric amplifiers and generators of light. S. A.
Akhmanov, R. V. Khokhlov. Usp. fiz. nauk 88 no. 3:
439-460 Mr '66.

PARANOIA

Structure of alcoholic paranoia. S. M. Mosfes. Zhur.
nevr. i psikh. 66 no. 3:428-432 '66.

PARASITES—CATTLE

Manifestation of allergic reactions to echinococcosis aller-
gen in various parts of the body of cattle. V. A. Borov-
skii. Vest. sel'khoz. nauk [Kazakh.] D no. 2:68-72 F
'66.

PARASITES—DOGS

Deworming of dogs in echinococcosis by the combined
method (arecoline with ester extract of male fern).
IU, IU, Patune. Trudy Mosk. vet. akad. 19 no. 2 pt. 1:57-
61 '67.

Testing the anthelmintic action of acetone extract of male
fern and rhizome of male fern in experimental echino-
coccosis of dogs. IU, IU, Patune. Trudy Mosk. vet.
akad. 19 no. 2 pt. 1:43-56 '67.

PARASITES—FISHES see subdivision under Volga Reservoir

PARASITES—FOREST INSECTS see subdivision under Moldavia

PARASITES—GEOGRAPHICAL DISTRIBUTION see subdivision under Soviet Far East

PARASITES—INSECTS

New species of nematode Micoletzkyia eodovector Kakuila
n sp (Nematoda Diplogasteridae). G. A. Kakuila
Soob. AN Gruz. SSR 41 no. 1:165-168 Ja '66

PARASITES—POULTRY

(see also subdivision under Tajikistan)

Biology of Heterakis infesting chickens. A. N. Osipov.
Trudy Mosk. vet. akad. 19 no. 2 pt. 1:21-26 '67

Epizootiology of Heterakis infection in chickens. A. N.
Osipov. Trudy Mosk. vet. akad. 19 no. 2 pt. 1:30-42
'67.

PARASITES—RATS

Once again about rickettsiosis, transmitted by rat fleas
in Moldavia. O. S. Osluk. Trudy Kish. gos. med. inst.
14:277-286 '61.

PARASITES—REINDEER

Effectiveness of measures for controlling cysticercosis
and echinococcosis in reindeer. M. V. Polianskaya.
Veterinarnia 42 no. 1:15 Ja '66.

PARASITES—REPTILES see subdivision under Bazarali, Lake

PARASITES—SHEEP

(see also subdivision under Kaluga Province,
Krasnoyarsk Territory)

Controlling dicrocoeliasis in sheep. S. IU. Aliev and
others. Veterinarnia 42 no. 1:16-47 Ja '66.

Effectiveness of phenothiazine-salt pellets and loose
mixtures against strongyloidiasis in sheep. K. D.
Mukhametulin and others. Veterinarnia 12 no. 1:47-18
Ja '66.

PARASYMPATHETIC NERVOUS SYSTEM see Nervous system, Parasympathetic

PARASYMPATHOLYTIC AGENTS

Effect of amilzil, melamilzil and other central cholinolytics
on the convulsive threshold of the hippocampus and the
threshold of the activation reaction. IU S. Boradkin.
Farm. i toks. 27 no. 6:651-651 N-D '61.

Functional state of the parasympathetic nervous system
under the effect of neuroplegic mixtures, experimental
data. G. A. Taglov. Azerb. med. zhur. 43 no. 3:30-35
Mr '66.

PARASYMPATHOMIMETIC AGENTS

Adrenergic and cholinergic mediators of the blood in
acute bacterial dysentery in children. P. D. Kats.
Azerb. med. zhur. 41 no. 12:119 D '64.

Effect of small hydrocarbon concentrations on some
indices of adrenergic and cholinergic systems. I. G.
Samedov, R. V. Elisevskaya. Izv. AN Azerb. SSR, Ser.
biol. nauk no. 6:117-123 '65

Effect of some tertiary and quaternary quinuclidine deri-
vatives and related compounds on the choline-reactive
systems of the body. K. A. Zaitseva, M. D. Maslovskii,
L. F. Reshetina. Farm. i toks. 27 no. 6:666-660 N-D
'64

Kinetics of the interaction of armin and phosphacol with
cholinesterases of various organs and tissues. S. M.
Markov, N. A. Lozhadkin, M. A. Imasheva. Farm. i
toks. 20 no. 1:72-76 Ja-F '66.

PARATHYROID GLANDS—TUMORS

Adenoma of the parathyroid gland simulating diabetes
insipidus. L. R. Kryshinskaya. Klin. khir. no. 4:
76-80 '65.

PARATYPHOID FEVER

(see also subdivision under Vietnam)

Effect of helminthiases on the course of typhoid and
paratyphoid diseases. K. T. Tishchenko. Trudy Kish.
gos. med. inst. 14:165-168 '61.

Sporadic diseases of the typhoid and paratyphoid group
simulating acute appendicitis. E. I. Zverov. Khirurgiya
42 no. 3:61-61 Mr '66.

PARENT AND CHILD

Example of adults in the training of emotions in children.
E. Makarova. Doshk. vosp. 39 no. 2:44-48 F '66.

Faraway days of childhood. L. Maksakova. Doshk. vosp.
39 no. 3:49-51 Mr '66.

How they raised my younger brother. Doshk. vosp. 39
no. 2:12-15 F '66.

Remembering my childhood. B. Porai-Koshits. Doshk.
vosp. 39 no. 2:40-50 F '66.

Stories about my son. B. Kozlov. Doshk. vosp. 39
no. 3:67-69 Mr '66.

PARENT AND CHILD (LAW)

Who should amend the law on the duty of parents to bring up their children. N. M. Ershova. Sov. gos. prav. 1998-101 S '59

PARENTERAL THERAPY

Use of fat emulsions in parenteral nutrition. Z. V. Chernos. Vop. onk. 12 no. 3, 101-108 '66

PARIS—COMMUNE, 1871

Immortal story of the Communards. I. Petrov, S. Stepanov. Agitator 33 no. 4, 39-40 F '66

PARIS—ORTHOPEDIA

With the traumatologists and orthopedists of Paris, results of a scientific mission. M. V. Volkov, Ortop. i travm. i protez. 27 no. 2, 85-90 F '66

PARODIES

Basic stylistic means used by Koz'ma Prukov in creating parodies. L. M. Suklasova. Uch. zap. APiA Ser. filol. no. 3, 19-31 '63

PAROLE

Supervisory committees and the prevention of recidivism. V. Eleonskii. Sov. iust. 30 no. 7, 16-17 Ap '66

PAROMOMYCIN

Comparative study of the chemotherapeutic action of paromomycin and monomycin in experimental cutaneous leishmaniasis in white mice. N. I. U. Moskalenko, G. M. P.reshin. Farm. i toks. 29 no. 1, 80-93 Ja-F '66

PAROTID GLANDS—TUMORS

Case of bone formation in the center of a compound tumor of the parotid gland. O. V. Bobashev. Azerb. med. zhur. 41 no. 12, 53-58 D '64

PARSNIPS

Chemical study of "pasternozid." N. P. Maksutina, V. L. Litvinenko. Khim. prirod. soed. 2 no. 1, 20-28 '66

PARTIAL DIFFERENTIAL EQUATIONS see Differential Equations, Partial

PARTICLE ACCELERATORS

Acceleration of a plasma jet in a heavy-current accelerator with eroding electrodes. P. M. Kolesnikov. Samoletost. i tekhn. vozdukh. flot. 2 no. 3, 30-35 '66

Design of an accelerator tube with inclined electrodes. V. S. Kuznetsov, R. P. Fidei'skaya. Zhur. tekhn. fiz. 35 no. 11, 2004-2011 N '65

Effect of a space charge on the longitudinal motion of particles in accelerators when injected. I. M. Samoilov, A. A. Sokolov. Zhur. tekhn. fiz. 35 no. 11, 2012-2020 N '65

Effect of the conductivity of the chamber walls of an accelerator or storage ring on fluctuations in the size and shape of a beam. V. I. Balbekov, A. A. Kolomenskii. Atom. energ. 20 no. 3, 270-271 Mr '66

Electron capture in betatron acceleration. I. U. N. Lobanov, N. I. Tulinova. Zhur. tekhn. fiz. 36 no. 1, 151-154 Ja '66

Microcluster formation in a linear electron accelerator. E. K. Ostrovskii. Zhur. tekhn. fiz. 36 no. 1, 155-162 Ja '66

Radial expansion of a beam in a linear electron accelerator under the action of a nonsymmetric wave. G. V. Voskresenskii, V. I. Korozov, I. U. N. Serebriakov. Atom. energ. 20 no. 1, 3-8 Ja '66

Research at the Institute of Radio Engineering; session of the Department of General and Applied Physics. V. F. Semenov. Vest. AN SSSR 38 no. 1, 138-144 Ja '66

A 30 Mev. microtron-injector for a fast-neutron pulse reactor. V. D. Anan'ev and others. Atom. energ. 20 no. 2, 106-111 F '66

PARTICLE BOARD

Improving the fungi resistance of particle-board and wood fiber blocks. M. B. Akhremovich and others. Nauch. trudy AKKH no. 31 Zhil. khoz. no. 3, 111-118 '64

Stability of the physicochemical properties and sizes of particle boards. A. P. Bersenev. Izv. vuz. ucheb. zav., les. zhur. 8 no. 8, 115-118 '65

Study of the chemical processes taking place during the pressing of particle boards. Report No. 2 Effect of the curling agent on the chemical changes of wood components. G. P. Potukhin, G. L. Dranshnikov. Izv. vuz. ucheb. zav., les. zhur. 8 no. 6, 140-144 '65

PARTICLE SIZE DETERMINATION

Determination of the particle spectrum from the scattering function. K. S. Shifrin, E. A. Chalanova. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 2, 149-163 F '66

Methods of determining the degree of dispersion of atomized fluids. N. N. Gavrilova, V. F. Maksimov. Trudy LITTS BP no. 17, 102-107 '65

PARTICLES

Correlation functions of the classical system of charged particles. Part 2: System of particles of opposite charges. I. A. Chizmadzhev, V. S. Markin. Elektrokhimia 2 no. 2, 131-144 F '66

PARTICLES—DRYING

Heat exchange between gas and the stream of particles falling from the paddles of a drum dryer. N. M. Mikhailov, L. A. Mamukova. Khim. i neftekhim. no. 1, 29-31 Ja '66

PARTICLES (NUCLEAR PHYSICS)

Are quarks a reality? M. A. Karcev. Priroda no. 2, 86-88 F '66

Coefficient of the surface ionization of fast secondary particles. U. A. Arifov, Kh. Kh. Khadzhiyukhancov, A. Kh. Aliyev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 10 no. 1, 57-61 '66

Physics of electromagnetic interactions in the high-energy range, results of the symposium in Hamburg. A. M. Baidin. Vest. AN SSSR 36 no. 1, 87-92 Ja '66

Possible gravitational effect in the mass problem of elementary particles. P. I. Fomin. Fiz. i tekh. zhur. 3 no. 4, 190-191 F '66

Solution of the equations of motion of nonrelativistic charged particles in variable electromagnetic fields of a specified class. L. G. Glikman, V. M. Kell'man, L. M. Lapushev. Zhur. tekhn. fiz. 36 no. 11, 1997-2003 N '65

PARTRIDGES

Abundance and distribution of gray partridge in the European part of the U. S. S. R. V. L. Osolovskaya. Zool. zhur. 45 no. 1, 90-98 '66

PARUSIMOV, VASILII FEDOROVICH, d. 1886

Vasilii Fedorovich Parusimov; an obituary. Ugol' 41 no. 3, 78 M '66

PASTE

Use of soldering pastes in industry. G. G. Petukhov, V. A. Titov. Svar. prozv. no. 1, 29-30 Ap '66

PASTURES AND MEADOWS

(see also subdivision under Bayan-Aul region, Kazakhstan, Kazakhstan, Kuragino District; Russia, Southern; Uzbekistan)

Economic effectiveness of pasture water supply in Kazakhstan. M. I. Kostukov. Gidr. i mel. 18 no. 3, 41-45 Mr '66

Large grass crops form the thalwegs of ravines. F. K. Tikhomirov, G. V. Denisov. Vest. sel'khoz. nauk 10 no. 7, 47-51 Ja '66

May our meadows be green! L. Raskin. Bibliotekar' 43 no. 3, 11-13 M '66

Measures for the development of field feed production and meadow-pasture management in the non-Chernozem zone. A. I. Tikhomirov. Vest. sel'khoz. nauk 11 no. 3, 51-54 Mr '66

Measures for the development of hayfield and pasture management in the forest (non-Chernozem) zone of the European part of the U. S. S. R. I. V. Larin. Vest. sel'khoz. nauk 11 no. 3, 47-61 Mr '66

Species and abundance of bryophytes in the meadow plant communities depending on environmental conditions. V. A. Zaikova. Bot. zhur. 51 no. 1, 50-63 Ja '66

PASTURES AND MEADOWS—IRRIGATION see subdivision under Borispol' District

PATCHOULI—FERTILIZERS AND MANURES

Dates for the application of phosphorus fertilizers to patchouli. L. N. Ladarina. Trudy Sukh. opyt. sta. efir-nomas. kul't. no. 5, 43-46 '64

PATENT LAWS AND LEGISLATION

Dorkin, A. I. [Main concepts of Soviet patent law] Osnovnye ponyatiya sovetskogo izobretenitel'skogo prava. Pod obshch. red. V. N. Bakastova. Moskva, TsNIIPI, 1965, 33 p.

The "newness" of inventions and the remuneration of inventors. I. Orkis. Rad. pravo 29 no. 3, 50-62 M '66

What does it mean? I. U. I. Sviatoslav. Izobr. i rats. no. 2, 19-20 '66

PATENT LICENSES

Chepelevskii, A. M. [License work of organizations and enterprises] Litsenziionnaya rabota organizatsii i predpriyatiy. Pod obshch. red. E. I. Artem'eva. Moskva, TsNIIPI, 1964, 20 p.

PATENTS

Efficiency of patenting inventions. E. Volynets-Russel. Plan. khoz. 43 no. 3, 83-85 Mr '66

Foreign patents. Stroil. trubeprav. 10 no. 5, 36 My '65

[Inventions, industrial samples, trademarks] Izobr., prom. obraz., tov. znak. 43 nos. 4-6 '66

Patent validity and patentability of items covered by the all-Union state standards and specifications. N. Spitsin. Mor. flot. 26 no. 3, 36 Mr '66

Patents and commerce. I. Ivanov. Izobr. i rats. no. 2, 36-40 '66

Science, inventions, and industrial enterprises. M. Pleshakov. Kommunist 42 no. 5, 75-77 Mr '66

Useful effect as a condition of the patentability of inventions. I. E. Mamukova. Otkrytiya i izobreteniya 33 no. 2, 41-45 F '66

PATENTS—INFORMATION SERVICES

Development of inventions and the patent information in the U. S. S. R. I. A. Pavlov. Izv. vuz. ucheb. zav., les. zhur. 8 no. 6, 166-171 '66

New developments in the field of patent information. Kh. Akinzhi, L. Rozenberg. Avi. transp. 14 no. 2, 53 F '66

PATHOANATOMICAL SOCIETIES see subdivision under Azerbaijan; Tashkent Province

PATHOGENIC BACTERIA see Bacteria, Pathogenic

PATHOGENIC PROTOZOA see Protozoa, Pathogenic

PATHOLOGICAL ANATOMY see Anatomy, Pathological

PATHOLOGICAL LABORATORIES see subdivision under Volkhov (Leningrad Province)

PATHOLOGICAL PSYCHOLOGY see Psychology, Pathological

PATHOLOGY—ABSTRACTS

[General problems of pathology. Oncology] Ref. zhur.: Ob. vop. pat. Onk. no. 2 F '66

PATHOLOGY, COMPARATIVE

Bergol'ts, V. M., and N. V. Rumiantsev. [Comparative pathology and etiology of leishmaniasis in man and animals] Sravnitel'naya patologiya i etiologiya tozkoza cheloveka i zhivotnykh. Moskva, Meditsina, 1966, 200 p. (DNLM)

PATON, EVGENII OSKAROVICH, 1870-1953

Matilko, M. M., and O. I. Koronov. [Evgenii Oskarovich Paton] Evgenii Oskarovich Paton. Kyiv, Derzh. vyd.-vo tekhn. iii-y URSS, 1961, 118 p. (NN)

PATRIOTISM see subdivision under White Russia

PATTERNMAKING

Repair of aluminum patterns by argon-arc welding. I. G. Pesheherin, N. L. Gakh, G. G. Puzanov. Svar. prozv. no. 4, 35-36 Ap '66

PATTERNMAKING—EQUIPMENT AND SUPPLIES

Plastic patternmaking materials in small run production. B. Z. Shenker and others. Lit. prozv. no. 2, 5-6 F '66

PAVEMENTS—SAFETY MEASURES

Naumenko, V. S. [Safety manual for workers laying pavements] Pamyatka po tekhnike bezopasnosti dlya mostovyechnika. Moskva, Stalindat, 1965, 23 p. (Tekhnika bezopasnosti v avtomobil'stve)

PAVEMENTS, BITUMINOUS

Deformability of bitumens under dynamic loads. A. V. Rudenskii. Neftep. i neftekhim. no. 1, 17-19 '66

PAVEMENTS, CONCRETE

Jacks for external squeezing of concrete pavements. V. S. Orlovskii, A. P. Lorman. Stroil. dor. mash. 10 no. 11, 32-34 N '66

PAVEMENTS, CONCRETE—MAINTENANCE AND REPAIR

Machines for repairing asphalt concrete pavements. A. V. Sokolov. Stroil. dor. mash. 10 no. 11, 17-19 N '66

PAVEMENTS, CONCRETE—MEASUREMENT

Nondestructive measurement of the thickness of concrete pavements. A. Vinogradov. Avi. dor. 29 no. 3, 13-14 M '66

PAVEMENTS, CONCRETE—STANDARDS

Standardize slabs for precast pavements of roads and sidewalks. A. A. Timofeev. Standartizatsiya 29 no. 12, 55-56 D '65

PAVLOV, IVAN PETROVICH, 1849-1936

Dialectics of the relation of cause and effect in I. P. Pavlov's theory of physiology. I. A. Korshunova. Mezhev. filoz. sbor. Kiev, un. no. 4, 95-101 '64

PAVLOVSKII, NIKOLAI NIKOLAEVICH, 1884-1937

N. N. Pavlovskii; on the occasion of the 50th anniversary of his birth. Izv. VNIIO 78, 4-10 '65

PAYMENT

(see also subdivision under Altai Territory; Donetsk Province; Leningrad Province)

Centralization of accounting in a motor transport trust. G. Bartenbaum. Bukh. uch. no. 2, 30-37 F '66

Credit for payment. N. Shabanova. Den. i kred. 24 no. 2, 32-34 F '66

Payments in light industry. M. Orlova, O. Gorodetskaya. Den. i kred. 24 no. 3, 32-30 Mr '66

Problems of the economic nature of payment for production funds. T. Bravovskaya. Fin. SSSR 40 no. 3, 46-62 Mr '66

Use of planned payments in settling accounts with deliveryers of dairy products. A. D'lovskiy. Den. i kred. 24 no. 2, 62-64 F '66

- PEACE**
Communiqué of the International Secretariat of the Christian Peace Conference. Zhur, Mosk. Patr. no. 3:33 '66
For peace in the world. M. Elagin. Zhur Mosk. Patr. no. 2:44-45 '66
Responsibility for peace in the African theological thought. P. S. Sokolovskii. Zhur, Mosk. Patri. no. 3:33-37 '66.
- PEACE DAY**
People who are right. Nov. vrem. 23 no. 17:3-4 Ap '66.
- PEACE CORPS**
The "Peace Corps" of colonizers. D. Kasaikin. Agitation 33 no. 7:61-63 Ap '66
- PEAR BREEDING**
Polyploidy in fruit plants. A. S. Tuz. Vest. sel'khoz. nauki 10 no. 6:17-21 Ja '66.
Study of the selection and genetics of pear hybrids and the work in producing new varieties. S. P. Iakovlev. Genetika no. 2:101-114 '66.
- PEAS—FERTILIZERS AND MANURES** see subdivision under Udmurt A S S R.
- PEAS—GENETIC RESEARCH**
Effect of some physical and chemical factors on the mutation process in garden pea (*Pisum sativum*). B. Sherna. Genetika no. 1:15-52 Ja '66.
- PEAS—VARIETIES** see subdivision under Krasnodar Territory
- PEASANT UPRISINGS**
(see also subdivision under Ukraine)
Terrorism of the kulaks in rural areas, 1925-1928. I. S. Kukushkin. Ist. SSSR 10 no. 1:94-104 Ja-F '60.
- PEASANTRY**
(see also subdivision under Africa; Africa, North; Asia; Italy; Kursk Government; Spain)
A discussion of the differentiation of the peasantry in the period of late feudalism. Ist. SSSR 10 no. 1:70-81 Ja-F '66.
Problems of using the manpower of rural areas. Kommunist 42 no. 2:84-90 Ja '66.
"Smerdy" in Kievan Russia. I. A. Prolonov. Vest. LGU 21 no. 2:62-73 '66.
Some problems of peasant ideology in the Middle Ages. E. V. Gutnova. Vop. ist. 41 no. 4:52-71 Ap '66.
The Soviet peasantry. V. Kulikov. Kommunist 42 no. 4: 91-95 Mr '66.
- PEASANTS IN LITERATURE**
The homeland. E. Vandysh. I. Gontakina. N. Gitter. Bibliotekar' 43 no. 3:17-19 Mr '66.
- PEAT**
(see also subdivision under Leningrad Province)
Activation of peat nitrogen. L. M. Maevskaya, B. F. Sargoev, V. I. Lashnev. Vest. sel'khoz. nauki 10 no. 6: 62-64 Ja '66.
Soluble ammonium humates obtained from peat. G. V. Spivakov, I. A. Kuz'mina, G. A. Isakov. Torf. prom. 43 no. 1:28-31 '66.
- PEAT—ANALYSIS**
Electron microscope analysis of peat bitumen. M. P. Volarovich, N. K. El'nitskaya, I. I. Lishtvan. Koll. zhur. 28 no. 1:27-29 Ja-F '66.
- PEAT—DRYING**
Antonov, V. A. [Principles of the technology of the field drying of peat] Osnovy tekhnologii polovoi sushki torfa. Moskva, Nedra, 1966, 180 p.
Dynamics of the mechanical drying of low decomposition peat. A. E. Kropp, M. G. Bulynko. Izv. vys. ucheb. zav. i gor. zhur. 5 no. 1:164-172 '62.
Effect of the frozen ground layer of the deposit on the drying of milled peat. V. S. Varontsov, A. F. Derov, V. I. Smirnov. Torf. prom. 43 no. 2:10-21 '66.
Intensification of the utilization of peat drying fields. V. I. Smirnov. Torf. prom. 43 no. 2:21-23 '66.
Intensified utilization of drying fields. A. K. Khaluga. Torf. prom. 43 no. 1:40 '66.
Potential of increasing the seasonal output of milled peat. L. M. Malkov. Torf. prom. 43 no. 1:139 '66.
- PEAT—TRANSPORTATION**
Specific indices of expenditures for peat fuel transportation on general service railroads. A. L. Iampol'skii. Torf. prom. 43 no. 1:15-19 '66.
- PEAT BOGS**
(see also subdivision under Kirov Province)
Drum-type spreader of mineral fertilizers. M. D. Kaluzhnyi. Torf. prom. 43 no. 2:26-27 '66.
Hydrotechnical calculation of drying systems for peat deposits. V. F. Mitin. Torf. prom. 43 no. 1:37-38 '66.
Methods of fertilizing potatoes on exhausted peat bogs of Zhitomir Province. N. A. Kostenko. Torf. prom. 43 no. 1:31-32 '66.
- Studying translocation of water in drained peat bogs by the method of radioactive indicators. E. S. Dzektser, N. I. D'm. Gidrol. mol. 18 no. 2:31-38 F '66.
- PEAT INDUSTRY**
(see also subdivision under White Russia)
Efficiency of the utilization of capital assets in connection with the improvement of the technology of peat production. V. M. Pen'kov. Torf. prom. 43 no. 2:17-18 '66.
For a close cooperation of peat enterprises with the correspondence courses departments of the institutions of higher education. B. P. Volkov. Torf. prom. 43 no. 1:44-45 '66.
Preparing to welcome the 23rd Congress of the CPSU. F. F. Karakin. Torf. prom. 43 no. 2:1-2 '66.
Raise to a higher level the standards of planning and scientific research work. F. F. Karakin. Torf. prom. 43 no. 1:9-11 '66.
Results of the work in 1965 and tasks of the peat industry of the R. S. F. S. R. in 1966. A. M. Mal'nev. Torf. prom. 43 no. 1:1-1 '66.
Shipments "across the border." Torf. prom. 43 no. 1:44 '66.
- PEAT INDUSTRY—COSTS**
Cost of production in the peat enterprises of the economic councils of the R. S. F. S. R. during 1964. N. A. Bragin. Torf. prom. 43 no. 1:20-22 '66.
- PEAT INDUSTRY—EQUIPMENT AND SUPPLIES**
Heavy worm-type RST-3 snowplow. A. A. Gerasimov, P. L. Skoldumov. Torf. prom. 43 no. 2:5-7 '66.
- PEAT INDUSTRY—FIRES AND FIRE PREVENTION**
Organization of fire prevention measures in peat enterprises. I. U. I. Pakhomov, N. S. Bragin. Torf. prom. 43 no. 1:13-14 '66.
- PEAT INDUSTRY—LABOR PRODUCTIVITY**
Labor productivity in the peat industry of the U. S. S. R. during the period from 1959 to 1964. I. L. Aptekman, V. I. Vladimirov, V. G. Solov'ev. Torf. prom. 43 no. 1: 23-24 '66.
- PEAT INDUSTRY—MANAGEMENT** see subdivision under Yaroslavl Province
- PEAT INDUSTRY—TECHNOLOGICAL INNOVATIONS** see subdivision under Moscow Province
- PEAT MACHINERY**
Effect of the suspension system of the supporting rollers on the angle of incline to the surface of crawler-mounted machines. I. U. A. Sokolov. Torf. prom. 43 no. 1:25-27 '66.
Efficient proposals made in the Tagolensky Bar Enterprise. M. L. Kardash. Torf. prom. 43 no. 2:27 '66.
Optimum revolution number of BPS presses. V. G. Bul'chev and others. Torf. prom. 43 no. 2:24-26 '66.
Peat excavation by means of millers with continuous knives. L. N. Samsonov. Torf. prom. 43 no. 2:7-9 '66.
Preparation of new areas by means of MPG-1, 7 machines during the winter season. D. P. Kopylov. Torf. prom. 43 no. 1:11-12 '66.
- PEAT SOILS** see subdivision under Polesye
- PEBBLES** see subdivision under Donetsk Basin
- PECHORA BASIN—COAL GEOLOGY**
Revaluation of the mill of "bars" in the formation of coal seams in the Pechora Basin. B. L. Afanas'ev. Izv. vys. ucheb. zav. i gor. zhur. 6 no. 1:37-40 Ja '66.
- PECHORA BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY**
Achievements of mine builders in areas beyond the Arctic Circle. D. E. Luppov, G. M. Savel'ev. Shakht. strol. 10 no. 3:18-19 Mr '66.
- PECHORA BASIN—COAL MINES AND MINING—SAFETY MEASURES**
Peculiarities in the mining of deep-lying seams in the mines of the "Vorkutugol" Combine. V. L. Grigor'ev, K. K. Gendel' Ugol' 41 no. 3:9-13 Mr '66.
- PECHORA BAY—FISHERIES**
Pechora Bay and its significance for fisheries. F. A. Seleznev. Mat. rybkhoz. i sl. Sev. bas. no. 5:110-116 '66.
- PECHORA SEA—GEOLOGY, STRATIGRAPHIC**
Lower Carboniferous sediments of Dolgiy Island in the Pechora Sea. K. N. Mironov and others. Dokl. AN SSSR 166 no. 4:928-930 F '66.
- PECHORA VALLEY—ANTIQUITIES**
Ancient settlements in the southern Pechora Valley. V. I. Kaniyets. Mat. po arkheol. Evrop. Sev. -Vost. no. 3: 3-100 '65.
Archaeological studies in the Ilych Valley in 1963. V. E. Luzgin. Mat. po arkheol. Evrop. Sev. -Vost. no. 3: 109-139 '65.
Archaeological studies in the zone of flooding sand aside for the future Ust'-Kulom Reservoir. G. M. Burlov. Mat. po arkheol. Evrop. Sev. -Vost. no. 3:139-150 '65.
- Campsites near the Lebyazhsk Bend. V. S. Stokolos. Mat. po arkheol. Evrop. Sev. -Vost. no. 3:101-107 '65.
- PECTIN**
Selecting media and optimal conditions for *Aspergillus niger* cultures and obtaining preparations of pectinolytic enzymes by a submerged culture method. V. I. Smirnov, E. E. Shikhmanter. Ispol' miki: oog v nau. khoz. no. 2: 23-32 '65.
Testing the effect of the complex of pectinolytic enzyme preparations on different grape varieties. V. I. Smirnov, F. I. Shikhmanter, V. P. Chubova. Ispol' mikroorg v nau. khoz. no. 2:33-38 '65.
- PEDIATRICS**
Pertussis nodosa in pediatrics. N. V. Potanin. Sov. med. 20 no. 2:20-24 F '66.
Ushakov, G. K. [Prevention of neuropsychic disorders in children] Profilaktika nervno-psichicheskikh rasstroystv u detei. Moskva, Izd-vo "Znanie," 1966, 43 p. (Nauchnyi universitet; Fakul'tet zdorov'ia, no. 4)
- PEGMATITES**
(see also subdivision under Kazakhstan, Volyn' Province)
Crystals of the lithium-ferruginous micas of ptero-quartz pegmatites. V. I. Pavlishin. Min. sbor. 19 no. 1:85-88 '65.
- PELVIS—FRACTURE**
Exposure in the diagnosis of closed pelvis fractures in a city hospital. V. A. Semenov. Sov. med. 20 no. 2:100-102 F '66.
- PELVIS—RADIOGRAPHY**
Methodology of multiposition gas pelytography. A. M. Mal'ossianova. Sov. med. 20 no. 2:102-103 F '66.
- PELVIS—SURGERY**
Extensive resections of pelvic bones for tumors. V. K. Krasovtsov. Ortop., travm. i protez. 27 no. 2:10-12 F '66.
Surgical approaches in treating tumors of the pelvic bones. V. D. Chuplin. Ortop., travm. i protez. 27 no. 2:3-9 F '66.
- PELVIS—TUMORS**
Extensive resections of pelvic bones for tumors. V. K. Krasovtsov. Ortop., travm. i protez. 27 no. 2:10-12 F '66.
Surgical approaches in treating tumors of the pelvic bones. V. D. Chuplin. Ortop., travm. i protez. 27 no. 2:3-9 F '66.
- X-ray and morphological examination of the skeleton following radiotherapy in tumors of the pelvic organs. L. A. Cherkashin, K. B. Shimanovskaya. Med. rad. 11 no. 3: 35-39 Mr '66.
- PELVIS—WOUNDS AND INJURIES**
Combination of injuries of the pelvis and the lower extremities. V. M. Tsodyks. Ortop., travm. i protez. 27 no. 2:12-15 F '66.
Frequency and the nature of injuries of the junctions of pelvic bones. E. A. Sokolov. Ortop., travm. i protez. 27 no. 2:15-19 F '66.
- PENICILLIN**
Carboxypenicillin production by enzymatic hydrolysis of its benzyl ester. M. M. Levitov and others. Mikrobiologiya 38 no. 1:6-12 Ja-F '66.
Effect of benzylpenicillin and some polysynthetic penicillins on *Staphylococcus aureus*; accumulation of the precursor of the cell wall mucopolide. L. I. Torbochikina, T. A. Dornidoshina, I. N. Navol'neva. Antibiotiki 11 no. 3:217-222 Mr '66.
Effect of tryptophan on the formation of penicillin acylase in *Bacterium faecalis alcaligenes* No. 415. V. A. Goltovskaya, M. M. Levitov. Mikrobiologiya 34 no. 6:878-882 N-D '65.
Stability of benzylpenicillin. R. M. Pinleszhko. Farmats. zhur. 13 no. 6:28-33 '63.
- PENSIONS** see subdivision under Minsk
- PENSIONS—LAWS AND LEGISLATION**
[Soviet pension insurance] Sovetskoe pensionnoe obespecheniye. Moskva, Iuridicheskaya literatura, 1966, 447 p.
- PENTADIENE**
Catalytic dehydrogenation of 1-methyl-1-cyclopentene to methylcyclopentadiene. E. D. Tulupova, N. I. Shuklin, E. G. Ostapenko. Neftekhimiya 5 no. 4:477-481 Ja-Ag '65.
Mechanism of hydrogenation of dienes having isolated double bonds. L. Kh. Freidlin, E. F. Litvin, L. M. Krylova. Neftekhimiya 5 no. 4:468-472 Ja-Ag '65.
- PENTADIENONE—SPECTRA**
Absorption spectra of α , β -unsaturated aromatic ketones and products of their reaction with ferric chloride. Part 2. 1, 5-Diphenylpentadienone. V. P. Dzhuab, V. F. Lavrushin, V. N. Tolmachev. Zhur. ob. khim. 36 no. 2: 336-340 F '66.

PENTANEDIONE

Synthesis of organotin derivatives of keto ethers and acetylacetone. S.V. Ponomarev, E.V. Machiglin, I.F. Lutsenko, Zhur.ob.khim. 36 no.3 518-552 Mr '66

PENTANOL

Dehydration of 1-pentanol on NaX-type synthetic zeolites I.B. Rapoport and others. Neftekhimika 5 no.4 548-553 Zh-Ag '65.

PENTENE

Mechanism of 2-methyl-1-pentene conversion on an aluminum silicate catalyst V.Sh. Fedulov, G.P. Komissarova, T.A. Tsilingol'd. Kinetika 7 no.1: 175-179 Ja-I' '66.

PENTENYNOL

Products of addition of dimethylamine to 1,1-diphenyl-1-penten-2-yn-1-ol. N.M. Libman, Zhur.ob.khim. 36 no.3 560-567 Mr '66.

PENZA—CONSTRUCTION INDUSTRY—FINANCE

What is visible from the earth... A. Antonov. Sov.prof.sozhizn 22 no.4:10-11 F '66.

PENZA PROVINCE—BOOKSTORES

The village of Bogorodskoye isn't in the backwoods. S. Putlav, Knizh.torg. 17 no.4 15-17 Ap '66

PEPPERMINT

Flavonoids of some peppermint varieties E.V. Hella, I.U.G. Boystuk, H.V. Makarova. Farmatsev.zhur. 20 no.1 31-33 '65.

PEPSIN

Characteristics of gelatinase, a proteolytic enzyme accompanying hog pepsin E.D. Levin, G.L. Muratova, V.M. Stepanov. Khim.prirod.soi. 3 no.3 208-215 '65

PEPTIC ULCER

(see also subdivision under Petoizavodsk)

Combination of hemorrhage and perforation in gastroduodenal peptic ulcer. A.P. Lebedev. Sov.med. 29 no.2, 27-31 F '66.

Evaluation of methods for the surgical treatment of perforated gastroduodenal ulcers. V.M. Bulanov, M.I. Filimonov. Klin.khir. no.6 69-74 '65.

Evaluation of stomach resection for peptic ulcers using the Billroth II method modified by Balfour. M. Raudsep, V.S. Silvestrov. Khirurgiya 42 no.3:119-122 Mr '66.

Pathogenesis and prevention of peptic ulcer. D.P. Korzan, S.A. Kuznetsov. Voen.-med.zhur. no.2 37-41 F '66.

Results of using pyridoxine in the treatment of gastroduodenal peptic ulcer. F.P. Lemeshko, V.G. Greben-shchikova. Sov.med. 29 no.2:31-33 F '66.

Role of tuberculosis in the development of gastroduodenal ulcers. S.A. Mamedzade, R.E. Kokhman, S.A. Keil'mova. Azerb.med.zhur. 43 no.1 10-15 Ja '66

Surgeon's tactics in the treatment of perforated gastroduodenal ulcers; concerning V.M. Bulanov and M.I. Filimonov's article. A.A. Fedorovskii, B.A. Dmitriev. Klin.khir. no.6:74-77 '65.

Treatment of peptic ulcer of the stomach and duodenum with fubromegan. S.G. Pogossian. Azerb.med.zhur. 42 no.11 45-48 N '65.

PEPTIDES

Effect of benzylpenicillin and some polysynthetic penicillins on Staphylococcus aureus; accumulation of the precursor of the cell wall mucopeptide. L.I. Torbochkina, T.A. Dormidoshina, I.N. Navol'neva. Antibiotiki 11 no.3:217-222 Mr '66.

Isolation and study of peptides from alcohol extract of Glycine hispida Max. seeds. I.A. Asatov, K.G. Ioffe. Khim.prirod.soi. 2 no.1:40-43 '66.

Possibilities for the use of photo-ionization method in mass-spectrometric study of the primary structure of short peptides V.M. Orlov, M.E. Akopitan, I.A. M. Varshavskii. Dokl.AN SSSR 186 no.5 1223-1225 F '66.

Structure of albomycin, Part 10: Synthesis of tripeptides L- and D-serine and L-ornithine with different order of alteration of amino acids. N.A. Poddubnaya, Akhmed M. el'Naggar, L.A. Lublinskaya. Zhur.ob.khim. 35 no.2:219-224 F '66.

Synthesis of peptides in aqueous solution by means of p-toluene sulfonate cyclohexyl, β -[N-methyl morpholinium] ethyl carbodiimide. D.G. Khorro, T.N. Shubina. Izv.SO AN SSSR no.11, Ser.khim.nauk no.3, 126-134 '64.

PERCEPTIONS

Effective system of signs. G.S. Lbov, Vych.sist. no.10: 21-34 '65.

Problem of optimum image cognition. A.E. Zaslavskii, N.M. Sycheva. Vych.sist. no.19:35-68 '65.

Recognition of images. V.S. Fain. Priroda no.2:18-26 F '66.

Some properties of multidimensional spectra. G.IA. Voloshin, Vych.sist. no.19:13-20 '65.

Use of psychologic data in automatic recognition. V.I. Galunov, Vych.sist. no.19:77-80 '65.

Use of two-dimensional spectra in automatic recognition of images. G.IA. Voloshin, N.G. Zagorutko. Vych.sist. no.19:3-12 '65.

PERCHLORIC ACID

Oxidation-reduction reactions of actinide elements Part 1: Kinetics of reactions between neptunium (IV) and neptunium (VI) in perchloric solutions. A.G. Rykov, G.N. Yakovlev. Radiokhimiya 8 no.1:20-26 '66.

PERCHLORIC ACID—ELECTRIC PROPERTIES

Conductance of perchloric acid and sodium acetate in a water-acetic acid mixed solvent. I.N. Kuznetsova, M.S. Zakhariyevskii, M.V. Kugel'. Vest.LGU 21 no.4 98-105 '66

PERELESIN, SERGEI DMITRIYEVICH, 1900-1950

Sergei Dmitriyevich Perelesin, and obituary. Zap. Pri-mor. fil. Gosg. ob-va SSSR no.1 173-174 '65.

PERENNIALS see subdivision under Steletskoye Steppe Preserve

PERETTS, VLADIMIR NIKOLAEVICH, 1870-1935

In memory of Academician V.N. Peretts. S. Likholat. Rad. lit. 10 no.1:84 Ja '66.

PERFORMANCE (LAW)

Perfect the regulatory legislation on national economic planning. G.I. Khaidas. Sov.gos.i.pri. 16 no.3:15-23 Mr '66.

Raise contractual discipline for the delivery of goods to marketing organizations I.U.A. L'vovitch. Sov.gos.i.pri. 16 no.1 76-81 Ap '66

Time, place, and manner of performing obligations. Z. Krylova. Sov.kust. 30 no.7 14-15 Ap '66.

PERIARTERITIS NODOSA

Periarteritis nodosa in pediatrics. N.V. Potanin. Sov.med. 29 no.2:20-24 F '66.

PERICARDITIS

Adhesive pericarditis as a method of revascularization of the myocardium A.I. Drevina. Eksp. kkh. i anat. no.4 20-34 '65

Hemodynamic changes before and after subtotal pericardectomy in chronic constrictive pericarditis. V.A. Vasil'ev. Sov.med. 27 no.5:35-40 My '64.

PERICARDIUM—BLOOD SUPPLY

Branchial arteries and their participation in supplying blood to the human pericardium. I.M. Shvetsov. Arkh. anat., gist. i embr. 50 no.1:37-42 Ja '66.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODIC LAW

Properties of metals of the side element groups in the D.I. Mendeleev periodic system. G.G. Dlogonov, A.P. Nadozhekli. Trudy IPI no.21 3-126 '64.

PERIODICITY

Komarov, F.I., L.V. Zakharov, and V.A. Lisovskii. [Diurnal rhythm of physiological functions in healthy and sick persons] Suchochnyi ritm fiziologicheskikh funktsii u zdorovogo i bol'nogo cheloveka. [Leningrad] Meditsina, 1966, 199 p.

PERIOSTEUM

Intraosseous blood vessels of the femoral bone periosteum in man. L.A. Deev. Arkh. anat., gist. i embr. 50 no.1:9-13 Ja '66.

PERIPHERAL NERVES see Nerves, Peripheral

PERITONEUM

Peritoneal dialysis in clinical practice; a review of literature. B.M. Khromov, O.V. Kirceva. Sov.med. 27 no.5:58-65 My '64.

PERITONEUM—TRANSPLANTATION

Results of surgical treatment of chronic osteomyelitis using bovine peritoneum. A.M. Krasota. Klin.khir. no.4:54-60 '65.

PERITONITIS

Biliary peritonitis. A.G. Ostrovskii, Sbor.nauch. rab. vrachel Kar. ASSR no.4:101-103 '62.

Role of antibiotics and oxygen in changes of the adsorption capacity of the peritoneum N.A. Kryzhanovskii. Eksp. khir. i anat. no.4:34-37 '65.

PERLITE (MINERAL) see subdivision under Trans-balkalia

PERM—BOOKSTORES

Following the example of their friends. I. Eroshin. Knizh.torg. 16 no.12:27 D '65.

PERM—RADIOBROADCASTING

"Club of work meetings." A. Sevast'yanov. Sov.radio i tel. 12 no.4:20 Ap '63.

PERM—WOODPULP INDUSTRY

Utilizing the operative capacity of machinery, improving the production quality. A.G. Podzorov. Bum.prom. no.3:17 Mr '65.

PERM GOVERNMENT—FOLKLORE

Folklore of the Perm Government in the periodical articles and sociopolitical writings of the 1860's M.A. Gania. Vest. Lit. 21 no.2 94-110 '66

PERM PROVINCE—ECONOMIC POLICY

Men'shikov, G.A. [The sixth year] God shestoi. [Perm] Permskoe knizhnoe izd-vo, 1965. 65 p. (Semletka v deistvii) (CS-11)

PERM PROVINCE—GEOCHEMISTRY

Hydrogeochemical characteristics and prospects for finding the oil of Carboniferous and Devonian sediments in Perm Province. V.N. Ivanov, I.N. Shostov, Nauch. trudy Perm. politekh. inst. no.12 pt.2:94-101 '61.

PERM PROVINCE—LANDSLIDES

Landslides in the northern part of Perm Province. G.A. Makalovich, I.A. Krotov. Nauch. trudy Perm. politekh. inst. no.12 pt.2:77-81 '61.

PERM PROVINCE—ORIENTAL ANTIQUITIES

A Sassanid plate in the Perm Art Gallery. V.IU. Leshchenko. Sov.arkheol. 10 no.2:117-119 '66.

PERM PROVINCE—PALEOGEOGRAPHY

Early Viscon paleogeography of the western slope of the Central Ural and the Kama Valley portion of Perm Province. I.V. Pakhomov, O.A. Shcherbakov. Nauch. trudy Perm. politekh. inst. no.12 pt.2:33-10 '64.

PERM PROVINCE—PETROLEUM GEOLOGY

Hydrogeochemical characteristics and prospects for finding the oil of Carboniferous and Devonian sediments in Perm Province. V.N. Ivanov, I.N. Shostov. Nauch. trudy Perm. politekh. inst. no.12 pt.2:94-101 '61.

PERM PROVINCE—PETROLEUM INDUSTRY—MANAGEMENT

Increasing the personnel's economic knowledge is an important condition for improving enterprise activity A. A. Nechev. Neftekhim. 11 no.2 18-19, 39 F '66

PERM PROVINCE—RURAL LIBRARIES

A new address. G. Morozova. Bibliotekar' 13 no.3:16 Mr '66.

PERM PROVINCE—SLEIGHS AND SLEDGES

Propane sledges during summer. T. Nadrashin. Tekh. y. sel'khoz. 26 no.3:53-58 Mr '66.

PERM PROVINCE—TILLAGE

How to till the soil in fall? V.F. Kukhnova. Zemledelie 28 no.2:72-74 F '66.

PERMAFROST see Frozen ground

PERMIAN, EVGENII ANDREEVICH

Gina, V.V. [Evgenii Permiak; a critical and biographical sketch] Evgenii Permiak; kritiko-biograficheski ocherk. Moskva, Gos. izd-vo detekol. lit-ry, 1962. 95 p. (NIC)

PERMITTIVITY see Dielectric constant

PERNICIOUS ANEMIA

Erythrocytometric criteria during treatment of patients with Addison-Biermei anemia. A.A. Kiylov. Sov.med. 28 no.1:33-36 Ja '66

PEROXIDASES—TOXICOLOGY

Changes in the hemolytic resistance of erythrocytes and peroxidase activity of the blood in acute intoxication with some organic peroxidases. O.I. Smirnova. Yarn. i toka. 26 no.1:96-98 Ja-I' '66.

PEROXIDES

Behavior of ketone peroxides in solution. Part 4: Thermal decomposition of 1,1'-dihydroperoxydicyclohexyl peroxide. Catalysts by organic acids. V.L. Antonovskii, V.A. Terent'ev. Zhur.org.khim. 2 no.3:473-481 Mr '66.

Effect of the structure of peroxide initiators on the molecular weight distribution of formed polymers. Acyl peroxides. S.S. Ivanchev, N.I. Solomko. Vysokom.sood. 8 no.2:322-326 F '66.

Peroxide complexes of titanium and vanadium in weak acids. A.K. Babko, A.I. Volkova, S.L. Lisichenok. Zhur. neorg.khim. 11 no.3:470-485 Mr '66.

PEROXY ACIDS

Cumylperoxides of aliphatic dibasic acids. V.A. Podgorova, T.I. Kurshenko. Zhur.org.khim. 2 no.3:420-432 Mr '66.

PEROXYDISULFATES

Measurement of the thermal effects of the reaction of ammonium persulfate (NH₄)₂S₂O₈ with sodium thiosulfate Na₂S₂O₃ at various ratio values. I.E. Fils, N.P. Dymarchuk, G.V. Karpenko. Trudy LITTSBP no.10: 70-81 '65.

Thermochemistry of the aqueous solutions of persulfate. T.V. Fomina, I.E. Fils, N.P. Dymarchuk. Trudy LITTSBP no.10:74-78 '65.

PERSIA see Iran

PERSIAN POETRY—HISTORY AND CRITICISM

Commentaries on an "artificial" qasidah by Kivānī al-Mutarrīfī. O. F. Akimushkin. *Krai soob. Inst. nar. Az.* no. 68-8-21 '65.

A dīwān of Mūnuchhri. Z. N. Verzhetskina. *Krai soob. Inst. nar. Az.* no. 69-22-28 '65.

Two pentameter poems from the collection of V. A. Zhukovskii. *Krai soob. Inst. nar. Az.* no. 69-20-45 '65.

PERSIMMON—THERAPEUTIC USE

Juice of the fruit of the Japanese persimmon (*Eucdioaka* -
kii). R. K. Afiev and others. *Apl. delo* 14 no. 3-52-51
My-Je '65.

PERSONAL NAMES see Names, Personal

PERSONALITY

Niiov, A. V. [Marxist-Leninist doctrine on the role of
the masses and personality in the historical process,
materials for lecturers and propagandists] *Marksi-*
sko-leninskoe uchenie o roli mass i lichnosti v istori-
cheskom protsesse, material v pomoshch' lektoru i
propagandistu. Volgograd, Volgogradskaya obl.
organizatsia ob-va "Znanie," 1965. 85 p.
[MICROFILM]

Some aspects and methods of studying the problem of
all-around development of the personality. G. Akma-
metov and others. *Vest. AN Kazakh SSR* 22 no. 2-5-12
p. '66.

Vanakov, V. V. [All-round development of personality
and the forms of art] *Vsesoyennoe razvitiie lichnosti*
i vidy iskusstva. Moskva, Sovetskii khudozhnik, 1963.
109 p.

PERSONNEL MANAGEMENT

Certain problems of labor laws in the light of the decisions
of the September Plenum of the Central Committee of
the CPSU. K. Abzhapov. *Sots. zakon* 43 no. 3-13-16
Mr '66.

Special characteristics of staff reduction in manufactur-
ing enterprises. O. Smirnov. *Sov. iust.* 30 no. 7-6 Ap
'66.

PERSONS (LAW)

Special proceedings under the new civil procedure codes.
R. Kallistatova. *Sots. zakon* 43 no. 3-27-30 Mr '66.

PERU—POLITICS AND GOVERNMENT

Peru; the grapes of wrath are ripening. Raul Acosta
Salas. *Agitator* 33 no. 4-53-55 P '66.

PESCHANYI ISLAND—INSULATING OILS—ANALYSIS

Investigating solid hydrocarbons of the transformed dis-
tillate of petroleum from Peshchany Island. L. A. Gukh-
man, S. P. Pogorelov. *Izv. vuz. ucheb. zav. neft' i gaz*
9 no. 1-55-58 '66.

PESCHANYI OIL FIELD—OIL RESERVOIR ENGINEER- ING

Results of the artificial conditions in the pool of the
horizontal of the Balakhny series in the Peshchany-Moro
field. A. U. Akhmedov, R. M. Babayev. *Azerb. neft.*
zhurn. 44 no. 12-20-28 D '65.

PESTICIDES

Combined use of fertilizers with insecticides and fungi-
cides. E. I. Andreeva, I. U. A. Polinaeva, F. V. Lashov-
skii. *Khim. v sel'. khoz.* 4 no. 3-30-34 Mr '66.

New effective pesticides for orchards. A. V. Vinogradov.
Trudy AzSTAZRa 2-12-19 '64.

Organic insectofungicides. Part 89: Reaction of triethyl
phosphite with monochlorophenylmethylphosphonic
acid. N. N. Mel'nikov, A. F. Grapov, N. V. Lebedeva.
Zhur. ob. khim. 36 no. 3-457-459 Mr '66.

Organic insectofungicides. Part 90: Asymmetrical diamides
of methylthiophosphonic acid. N. N. Mel'nikov, A. F.
Grapov, L. V. Razvedovskaya. *Zhur. ob. khim.* 36
no. 2-209-271 F '66.

Organic insectofungicides. Part 92: Synthesis of chlorides,
amides, and anilides of O-chlorophenylmethylphosphonic
acid. N. N. Mel'nikov, A. F. Grapov, N. V. Lebedeva.
Zhur. ob. khim. 36 no. 3-450-453 Mr '66.

Organic insectofungicides. Part 93: Interaction of phos-
phoric acid esters with higher aliphatic amines. N. N.
Mel'nikov, B. A. Khaikin, L. T. Elopina. *Zhur. ob. khim.*
36 no. 3-453-457 Mr '66.

Organic insectofungicides. Part 94: Amides of O-aryl-
methyl- and chloromethylphosphonic acids. N. N.
Mel'nikov, A. F. Grapov, N. F. Lebedeva. *Zhur. ob. khim.*
36 no. 3-457-461 Mr '66.

Synthesis of diethers of tetra(dimethylamido) cyclotriphos-
phazene. M. R. Pitina, N. I. Shvetsov-Shilovskii. *Zhur.*
ob. khim. 36 no. 3-458-500 Mr '66.

PETER THE GREAT BAY—MAPS

An old map of the Peter the Great Bay. A. I. Shchotkina.
Zap. Primor. fl. Goog. ob-va SSSR no. 1-127-128 '65.

PETRELS see subdivision under Verkhovskiy Island

PETROCHEMICAL INDUSTRY

Problems facing the petroleum refining and petrochemical
industries in 1965. V. S. Fedorov. *Neft' i neftekhim*
no. 1-3-6 '66.

PETROCHEMISTRY see subdivision under United States

PETROCHEMISTRY—RESEARCH

Concerning the organization of experimental work. M. S.
Meli. *Izv. vuz. ucheb. zav. neft' i gaz* 9 no. 1-87-80
'66.

PETROGENESIS see subdivision under Fergana

Depression

PETROGLYPHS see subdivision under Minusinsk region
(Krasnoyarsk Territory), Mongolia, Siberia; Soviet
Central Asia

PETROGRAPHIC MICROSCOPE

Some data on the determination and chemical composition
of biotite by the method of comparative birefringence.
I. B. Afiev. *Urb. geol. zhur.* 10 no. 1-18-25 '66.

PETROLOGY

Using petrology for protecting rubber from atmospheric
ageing. V. A. Shevtakov, I. M. Tsalilin, A. L. Rjabova.
Neft' i neftekhim. no. 2-25-27 '66.

PETROLEUM—ANALYSIS

(see also subdivision under Kuban-Azov Lowland,
Tajik Depression)

Accumulation of ash elements in petroleum. S. B. Kazakov,
V. A. Krutshchik, V. L. Pritsker. *Geol. i geokhim. neft.*
i gaz. mestorozh. no. 3-15-23 '66.

Comparative geochemical studies of the nature of Carpa-
thian and Kimmerian bitumens. I. V. Grinberg and others.
Geol. i geokhim. neft. i gaz. mestorozh. no. 3-15-20 '66.

Plant analysis of new types of petroleum crude in the
production of the PM-70 active furnace black. T. G.
Gul'mislarova and others. *Neft' i neftekhim.* no. 11:
23-28 '66.

Separation and method of analyzing cyclopentadiene ob-
tained by pyrolysis of petroleum crudes. K. P. Lavrov-
skii and others. *Neft' i neftekhim* 5 no. 4:520-527 D-Ag
'65.

Separation of plant remains from petroleum by filtration.
G. P. Shkrebin, *Paleont. zhur.* no. 1-138-141 '66.

PETROLEUM—BIBLIOGRAPHY see Bibliography— Petroleum

PETROLEUM—MICROBIOLOGY

Study of microbial hydrogen sulfide production in oil fields
by using $S^{35}O_4$. M. V. Ivanov, V. M. Gorlenko. *Mikro-*
biologiya 35 no. 1:146-148 Ja-F '66.

PETROLEUM—STORAGE

(see also subdivision under Lvov)

Effectively use tank farms in regions adjacent to petro-
leum refineries. L. A. Matskin, A. N. Vorshavskii.
Transp. i khran. nefti i nefteprod. no. 1:32-33 '66.

Improve the evaporation control of petroleum products.
K. I. Khishchik. *Transp. i khran. nefti i nefteprod.* no. 1
24-25 '66.

PETROLEUM—TRANSPORTATION

Automated combined gathering of oil and casing head
gas. R. I. Isakovich, V. G. Fridman. *Trudy VNIKA-*
neftgaz no. 1:20-31 '65.

Principal petroleum route of capitalist countries. V. N.
Kapitonov. *Mor. sber.* 49 no. 4:82-86 Ap '66.

Transportation of Tyumen' petroleum. N. N. Shebarshina.
Transp. i khran. nefti i nefteprod. no. 1:27-29 '66.

PETROLEUM AS FUEL see subdivision under Bashkiriya

PETROLEUM COKE

Reduction of carbon dioxide in the fluidized bed of petro-
leum coke. N. M. Utemieva, E. V. Smidovich. *Neft' i*
neftekhim. no. 1:15-17 '65.

Smelting petroleum coke breeze. Z. I. Stimakov and others.
Neft' i neftekhim. no. 2:10-21 '66.

X-ray investigation of the formation stage of petroleum
coke. M. P. Galitskiy, M. I. Medvedeva, M. E. Levin-
son. *Neft' i neftekhim.* no. 2:17-19 '66.

PETROLEUM ENGINEERING

Nonsteady flow of a liquid in an inhomogeneous layer
with a permeable roof. M. A. Guliev. *Trudy Vych.*
tsentra AN Azerb. SSR 3:125-131 '65.

Present state and future problems of the development of
automatic and remote control in petroleum fields. R. I. A.
Isakovich. *Trudy VNIKAneftgaz* no. 1-3-0 '65.

PETROLEUM GEOLOGY

(see also subdivision under Anu Darya Valley,
Apscheron Archipelago; Azerbaijan; Bashkiria;
Carpathian Mountain region; Carpathian Mountains;
Caspian Lowland; Caucasus; Northern; Crimea;
Dagestan; Dnieper-Dnests Lowland; Dzhet' Oil
Field; Dzheyrakchmaz Depression; Dzhezkazgan
Depression; Gdud Oil Field; Kama Valley; Kamchatka;
Kobyshtan; Kuban; Maritime Territory; Noril'sk region;
Krasnoyarsk Territory; Perm Province; Russian
Platform; Siberia, Western; Sosninsk-Sovetskoye Oil
Field; Tajikistan; Ukraine; Ural Mountains; Ust'-Balyk
Oil Field; Uzbekistan; Vasyugan Valley; Volgograd
Province; West Siberian Plain)

Calculating the time of formation of pools. I. P. Lavrushko.
Geol. neft' i gaz 10 no. 1:44-45 Ja '66.

Combined use of indicator curves and pressure build-up
curves for evaluating oil and gas reserves in fractured
reservoirs. F. I. Kotlakhov. *Geol. neft' i gaz* 10 no. 2:
57-60 F '66.

Dvati, M. F., and M. D. Belonin. [Prospects for finding
oil and gas at great depths in the U.S.S.R.] *Perspekti-*
vy poiskov nefti i gaza na bol'shikh glublinakh na terri-
torii SSSR. Leningrad, Nedra, 1965. 136 p. (Lening-
rad. Vsesoyuznyi naftianoi nauchno-issledovatel'skii
geologorazvedochnyi institut. *Trudy*, no. 243)

Flow of petroleum through carbonate rocks. A. G.
Milashina, G. I. Safonova. *Geol. neft' i gaz* 9 no. 3:
13-48 Mr '65.

Greeting the 23d Congress of the CPSU. *Geol. neft' i gaz*
10 no. 1:1-3 Ja '66.

Influent sediments of the U.S.S.R. and their relation to
oil and gas potentials. *Dokl. AN BSSR* 10 no. 1:32-39
Ja '65.

Nature of ancient oil. A. G. Vologdin. *Priroda* no. 2:27-
35 F '66.

Quantitative relationship of oil and gas in a pool. A. L.
Futkaradze. *A. I. Khodzhaeva. Izv. AN Azerb. SSR Ser.*
geol. i goog. nauk no. 5:10-15 '65.

Results of prospecting for oil and gas in the R.S.F.S.R.
for 1964. B. A. Tkhostov, G. P. Ovanesov. *Geol. neft' i*
gaz 9 no. 3:1-11 Mr '65.

Using statistical indications on the distribution of the
basement in evaluating oil and gas reserves. V. P. Bu-
khartsov. *Neft' i neftekhim* no. 2:30-34 '66.

PETROLEUM INDUSTRY

(see also subdivision under Arab Emirates of the
South; Chechen-Ingush A.S.S.R.; Communist countries;
Libya; Mangyshlak Peninsula; Poland)

Activity of the committees of the trade union in the carry-
ing out of the social competition for greeting in a worthy
manner the 23d Congress of the CPSU. *Neftianik* 10
no. 12:30-31 D '65.

Our problems. A. A. Kulikov. *Transp. i khran. nefti i*
nefteprod. no. 1-9-11 '66.

Petroleum, commerce and politics. B. Rachkov.
Mozhdunar. zhizn' 13 no. 4:10-28 '66.

Problems of the construction of normal series of standard
dimensions of means for control and automation in the
petroleum and gas industry. E. A. Miller, E. I. Khazanov.
Trudy VNIKAneftgaz no. 1:10-19 '65.

Special attention should be given to the fulfillment of the
production program for the concluding year of the
seven-year plan. *Stroitel'stvo*, 10 no. 5:1-3 My
'65.

We shall supply the economy of our country with petroleum.
B. Markin. *Agitator* 33 no. 7:58-59 Ap '66.

PETROLEUM INDUSTRY—ELECTRONIC EQUIPMENT

Frequency-type standardized telemechanical system
developed in Grozny. V. I. Vinogradov and others.
Trudy VNIKAneftgaz no. 1:87-89 '65.

Slave multivibrator with increased noise stability for
automatic and remote control systems in the petroleum
and gas industries. L. S. Lozinskii, N. S. Severinovsky.
Trudy VNIKAneftgaz no. 1:74-86 '65.

Some problems of the theory of integral samplers. V. A.
Gusev, P. A. Moroz, V. B. Pevzner. *Trudy VNIKAneft-*
gaz no. 1:250-258 '65.

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

Put chemical and petroleum machinery manufacturing
plants at the service of the national economy. *Khim.*
i neft. mashinostr. no. 1-3 Ja '66.

PETROLEUM INDUSTRY—FIRES AND FIRE PREVEN- TION

(see also subdivision under Kazan)

Goncharuk, V. A. [Fundamentals of fire prevention
measures in the petroleum and petrochemical industry]
Osnovy protivopozharnoi tekhniki v neftianoi i nefte-
khimicheskoi promyshlennosti. Moskva, Khimfiz,
1965. 223 p.

Need for a modernized design of pressure vent valves.
M. Bobrovnikov. *Pozh. delo* no. 1-27 Ja '66.

PETROLEUM INDUSTRY—HYGIENIC ASPECTS

Effect of prolonged action of the radioactive factor on
the state of the blood system and some biochemical
indicators in workers of the petroleum industry and
scientific research institutes. F. A. Efendiev and others.
Azerb. med. zhur. 41 no. 12:3-8 D '64.

PETROLEUM INDUSTRY—MANAGEMENT

(see also subdivision under Bashkiria; Perm Province)

Introduction of scientific work organization plans in
work areas. A. Smirnov. *Neftianik* 11 no. 2:28-29
F '66.

PETROLEUM PIPELINES

(see also subdivision under Ukraine)

Basic indices of the performance of petroleum pipelines.
G. V. Kokin, G. A. Pektimirov, I. L. Rubtsova. *Transp.*
i khran. nefti i nefteprod. no. 1:18-20 '66.

Economic effectiveness of pipelining small volumes of
petroleum products over short distances. M. M.
Mol'nik. *Neft. khoz.* 43 no. 12:53-54 D '66.

Economic effectiveness of telemechanization of petroleum
pipelines. A. I. Vladimirov, L. A. Zaitsev. *Transp. i*
khran. nefti i nefteprod. no. 2:24-28 '66.

PETROLEUM PIPELINES (Continued)

Graphic analytical method of calculating the optimum regime of the operation of a petroleum pipeline. O. N. Ryzhovskii. *Transp. i khaan nefli i nefteprod.* no. 2 7-11 '66.

Methods for coding control data for petroleum pipelines. L. B. Venchikovskii, V. A. Kashutin, I. U. Chuglin. *Tiudy VNIUKAneftgaz* no. 1:277-289 '65.

Overpressures in nonsteady regimes in petroleum pipelines operating "on pump to pump". E. V. Viazunov, P. A. Moroz. *Transp. i khaan nefli i nefteprod.* no. 1 12-16 '65.

Use of L. Berzheon's method in the calculation of the dynamic performance of a petroleum pipeline operating in "from a pump into a pump" mode. P. A. Moroz, G. G. Zimina. *Tiudy VNIUKAneftgaz* no. 1 154-167 '65.

PETROLEUM PIPELINES—COMMUNICATION SYSTEMS

Improvements in the apparatus of petroleum pipeline communication systems. N. V. Bespalov, I. S. Malkin. *Mash. i noft. obor.* no. 1:40-43 '65.

PETROLEUM PIPELINES—MAINTENANCE AND REPAIR

Efficiency proposals of workers in the SU-3 Petroleum Pipelaying Truss. N. I. Bortnik. *Stroil truboprov* no. 12 26-27 D '65.

Repairing pipelines. K. E. Bashchepkin and others. *Stroil truboprov.* no. 12:21-23 D '65.

PETROLEUM PRODUCTION

(see also subdivision under Azerbaijan; Baku; Romashkino Oil Field; Sukhany Oil Field; Tatar A.S.S.R.; Tuymazy Oil Field, Ukhla District)

Controlling the regimes of oil withdrawal. V. P. Fedeyev, Mash. i noft. obor. no. 2:24-28 '66.

Dontsov, K. M. [Theoretical bases for programming the development of oil fields] *Teor. i tekhn. osnovy proektirovaniia razrabotki neflianykh mestorozhdenii.* Moskva, Nedra, 1965, 286 p.

Effectiveness of creating a vacuum in the annular space of deep pumping wells. A. Kh. Akhmedov. *Azerb. neft khoz.* 45 no. 1:24-28 Ja '66.

Let us greet in a worthy manner the 23d Congress of the Party. *Neftnik* 10 no. 12:4-6 D '65.

Method for determining the level of liquids in beam wells. A. Kh. Akhmedov, A. M. Dadash-zade. *Neftprom. delo* no. 3 32-35 '66.

Nomogram for determining the radius of the scouring of rocks in a well bottom zone. Ch. I. Abbasov. *Neftprom. delo* no. 2:15-16 '65.

Petroleum production in the new five-year plan. V. D. Shashin. *Gaz. delo* no. 1:3-8 '66.

Petroleum production in the new five-year plan. V. D. Shashin. *Mash. i noft. obor.* no. 1:3-8 '66.

Petroleum production in the new five-year plan. V. D. Shashin. *Transp. i khaan nefli i nefteprod.* no. 1:3-8 '66.

Plans of the scientific labor organization are in action. A. Smirnov. *Neftnik* 10 no. 12:25-26 D '65.

Single-pipe pressure diagram showing the airtightness of a gathering system used in the simultaneous development of oil and condensate wells. S. A. Yezhov. *Azerb. neft khoz.* 45 no. 1:10-17 Ja '66.

Using speedometers for measuring the volume of recovered oil in fields. V. F. Akimov, I. U. Vinogradov, G. A. Kirillov. *Neftprom. delo* no. 2:34-37 '66.

PETROLEUM PRODUCTION—EQUIPMENT AND SUPPLIES

Economic effectiveness of specialization in manufacturing equipment for flush production. N. K. Agaev. *Azerb. neft. zhur.* 44 no. 12:48-50 D '65.

Effective designs of flowing well equipment for use in oil fields of eastern regions. I. A. Buyalo, N. V. Zabelin. *Mash. i noft. obor.* no. 2:3-5 '66.

Mogil'nitskii, L. P. [Installations of internal combustion engines in the petroleum and gas industries] *Ustanovki dvigatelei vnutrennego sgoraniia v neflianoi i gazovoi promyshlennosti.* Moskva, Nedra, 1965, 231 p. (Biblioteka neflianka-energetika)

PETROLEUM PRODUCTION—EXHIBITIONS

Increasing the production of petroleum. A. Kotomkina. *Inform. Btial. VDNKH* no. 4:10-11 Ap '66.

PETROLEUM PRODUCTION—IN-SITU COMBUSTION

see subdivision under Hungary

PETROLEUM PRODUCTION—SAFETY MEASURES

Introducing into industry the achievements of the All-Union Scientific Research Institute of Safety Engineering. D. Sultanov, M. Suleimanov, R. Esirin. *Neftnik* 10 no. 12:13-14 D '65.

PETROLEUM PRODUCTION—TECHNOLOGICAL INNOVATIONS

Improve the matter of disseminating and introducing progressive experience. E. Zaimeldinov. *Neftnik* 11 no. 2: 22-23 F '66.

PETROLEUM PRODUCTS

Determination of the molecular weight of petroleum resins. Z. Kh. Kemeleva, E. A. Bekurov. *Izv. AN Kazakh. SSR. Ser. khim. nauk* 14 no. 3:49-51 ~~1964~~ '64.

Effect of an ultra-acoustic field on the mechanical admittances in petroleum products. A. I. Kosenkov, G. V. Golachko, A. I. Baranov. *Uch. zap. Kal. gos. ped. inst.* 33 3-17 '63.

Effect of polymers on the kinetics and depth of oxidation of the separate fractions of petroleum lubricating greases. L. F. Efimova, S. Z. Kaplan, I. E. Fila. *Tiudy LITTSBP* no. 10:102-107 '65.

New type of softener with an aromatic base. V. G. Epshlein and others. *Kauch. i rez.* 25 no. 3:10-18 '66.

Reduction of sodium sulfide by the products of crude oil pyrolysis. V. T. Kunin, V. A. Nikitin, I. P. Kirillov. *Izv. vya. ucheb. zav., khim. i khim. lekhn.* 8 no. 6:974-975 '65.

PETROLEUM PRODUCTS—ADDITIVES

Efficiency of the new foreign additives for motor lubricants. A. B. Vipper and others. *Khim. i tekhn. topl. i masel* 11 no. 1:53-56 Ap '66.

PETROLEUM PRODUCTS—STORAGE

Instructions on the construction of underground storage for white petroleum products and liquefied gases. *Btial. stroit. tekhn.* 28 no. 1 16-17 Ja '66.

PETROLEUM PRODUCTS—TOXICOLOGY

Gellor, L. I., and G. M. Mukhametova. [Chronic poisoning with sour petroleum products; pathogenesis, clinical aspects and treatment] *Khronicheskaia intoksikatsiia produktami sornistoi nefli; patogenez, klinika i lechenie.* Moskva, Meditsina, 1966, 129 p. (Biblioteka prakticheskogo vracha) (DNLM)

PETROLEUM PRODUCTS—TRANSPORTATION

Floating pumping stations need high-capacity pumps. Z. Mal'tsev. *Rech. transp.* 23 no. 6:19 Je '64.

PETROLEUM REFINERIES see subdivision under Belfast, Northern Ireland, Omsk

PETROLEUM REFINING

Minimization of the algorithm of petroleum refining control processes. L. A. Bulanovskii, M. I. Shpunt. *Neftoper. i neftekhim.* no. 2:47-52 '65.

Plant testing of the thermal stability of the crude wide aromatic fraction obtained from pyrolytic products. D. A. Ailev, T. M. Ivanova, Z. A. Sultanov. *Izv. vya. ucheb. zav., noft. i gaz* 0 no. 1:51-54 '66.

Problems facing the petroleum refining and petrochemical industries in 1966. V. S. Fedorov. *Neftoper. i neftekhim.* no. 1 3-6 '66.

Use of type X molecules, sleeves in the fractionation of the aromatic part of oils. L. V. Kovalev. *Khim. i tekhn. topl. i masel* 11 no. 4:23-26 Ap '66.

PETROLEUM REFINING—DESALTING

(see also subdivision under Orsk)

Experience in using desalters with ball electric dehydrators. A. T. Sereda. *Neftoper. i neftekhim.* no. 1:43-46 '66.

PETROLEUM REFINING—EQUIPMENT AND SUPPLIES

Calculating mass transfer apparatus and reactors considering longitudinal phase mixing. G. D. Kavetskii and others. *Khim. i noft. mashinost.* no. 1 17-21 Ja '66.

Design variant of the atmospheric and vacuum installation for refining high-sulfur petroleum. I. I. Barkov, N. R. Eniua. *Neftoper. i neftekhim.* no. 1:3-7 '65.

For further improvement of the technology of chemical and petroleum refining apparatus. I. U. K. Shilov. *Khim. i noft. mashinost.* no. 1 46-47 Ja '66.

PETROLEUM WAX

Effect of petroleum wax on the thermal gradient of surface tension. G. V. Rudakov. *Neftprom. delo* no. 2:18-20 '66.

Improving the quality of paraffin obtained by carbanide dewaxing. D. V. Ivanukov, L. L. Vlasenko, L. I. Golomshok. no. 2:30-33 '66.

PETROLEUM WORKERS

Stories about our friends. E. Kalina and others. *Neftnik* 10 no. 12:8-12 D '65.

PETROLEUM WORKERS—EDUCATION AND TRAINING

see subdivision under Kazakhstan

PETROLOGY

(see also subdivision under Alavord District; Caucasus, Northern; Kama Valley; Uzbekistan)

Composition of solid sediments in some gaseous-liquid inclusions in morion based on X-ray spectrum points analysis. E. I. Dolomanova and others. *Dokl. AN SSSR* 197 no. 1:176-179 Mr '66.

Correlation of feldspar characteristics of rocks with the index refraction of their artificial glasses. I. U. N. Kochkin. *Zap. Vses. min. ob-va* 85 no. 1:176-83 '66.

Petrographic study of vanadium slag of the Chusovskoy Metallurgical Plant. N. P. Starkov and others. *Sbor. nauch. trud. Perm. politekh. inst.* no. 10:130-146 '61.

PETROLOGY—CONGRESSES

Resolution of the 1st Central Asiatic Regional Petrographic Conference. *Uzb. geol. zhur.* 10 no. 1:71-73 '66.

Second conference on the petrology of trap formation and mineralization related to it. G. I. Kavardin and others. *Sov. geol.* 9 no. 1 115-148 Ja '66.

PETROPAY LOVSK-KAMCHATSKIY—NAVAL

MUSEUMS
Silos' pld. E. Khalil'skaya. *Sov. voim* 18 no. 6 41-45 Mr '66.

PETROPAY LOVSK-KAMCHATSKIY REGION—THERMAL WATERS

Some hydrogeological prerequisites of prospecting for thermal waters in the Petropavlovsk-Kamchatskiy region. Z. B. Dekusar. *Zap. LGI* 48 no. 2:34-38 '65.

PETROZAVODSK—PEPTIC ULCER

Analysis and some characteristics of the course of peptic ulcers of the stomach and the duodenum in Petrozavodsk. N. D. Tsal'. *Sbor. nauch. rab. vrachel. Kar. ASSR* no. 4:48-51 '62.

PETROZAVODSK—POLIOMYELITIS

Analysis of diagnostic errors in poliomyelitis based on data of the children's hospital of infectious diseases in Petrozavodsk. L. P. Vorontsova, A. I. Cherenina. *Sbor. nauch. rab. vrachel. Kar. ASSR* no. 4:141-146 '62.

PETROZAVODSK—SKIN—DISEASES

Results of dispensary service rendered to patients with some skin diseases in Petrozavodsk. T. N. Belikovskaya, S. M. Levin. *Sbor. nauch. rab. vrachel. Kar. ASSR* no. 4:24-27 '62.

PETROZAVODSK—STREETS

Kondrat'ev, P. G. [Our streets] *Nashl ulitsy. [Petrozavodsk]* Kar'el'skoe knizhnoe izd-vo, 1965, 180 p. illus., fold map. (CSI-II)

PETROZAVODSK—TRAUMATISM

Analysis of traumatism occurring in everyday life in Petrozavodsk. A. S. Bondarchuk, V. V. Dingilev. *Sbor. nauch. rab. vrachel. Kar. ASSR* no. 4:28-32 '62.

PETS

Most interesting case.... *Doshk. vosp.* 39 no. 2:51-53 F '66.

PEVEK (MAGADAN PROVINCE)—WINDS

Southeastern Povek and possibilities of controlling it. A. A. Dmitriyev. *Pobl. Arkh. i Anal. kt.* no. 2:149-55 '65.

PHANAGORIA—HISTORY

Pharmacia's campaign against Phanagoria in the light of recent archaeological discoveries. G. A. Tsvetanova. *Mat. i issl. po arkheol. SSSR* no. 130 234-236 '65.

PHARMACEUTICAL RESEARCH see subdivision under Kiev

PHARMACEUTICAL SOCIETIES see subdivision under Lugansk Province

PHARMACISTS

Organization of working space for the assistant. A. M. Lyum. *Farmatsov. zhur.* 21 no. 1:86-88 '66.

PHARMACOLOGY

Anticholesteremic substances. N. A. Khareusov. *Farm. i toks.* 27 no. 6:756-757 N-D '64.

Effect of biologically active agents on the vital capacity of the lungs and the saturation of arterial blood with oxygen in patients with pneumosclerosis. A. I. Arakcheev, V. I. Oshchukov. *Sov. med.* 29 no. 1:35-40 Ja '66.

Functional morphology of the myocardium under normal conditions and in pathology. A. I. Strukov. *Vest. ANN SSSR* 21 no. 4 15-28 '66.

Methodology for simultaneous studies on the anti-inflammatory effect in various types of inflammation in white rats. P. P. Gollkov. *Farm. i toks.* 27 no. 6:742-743 N-D '64.

Optic isomerism and pharmacological effects of a series of substances of a mediator action, a review of literature. E. P. Zaitsepin. *Farm. i toks.* 27 no. 6:750-753 N-D '64.

Pharmacology of Soviet ergotamine tartrate. M. A. Angarska, P. H. Bezruk, E. O. Zborovska. *Farmatsov. zhur.* 21 no. 1:59-62 '66.

Pharmacology of the Japanese angelica tree *Aralia mandshurica*. V. I. Kirilutina. *Farm. i toks.* 27 no. 6:791-793 N-D '64.

Relation between the chemical structure and pharmacological activity in the series of 5-alkoxy-substituted tryptamine derivatives. G. S. Arutunian, M. D. Mashkovskii, L. F. Roshchina. *Farm. i toks.* 27 no. 6:881-886 N-D '64.

Some new probable ways of pharmacological effect on the regulation of the activity of the cardiovascular system. M. L. Belen'kii. *Vest. ANN SSSR* 21 no. 4:54-59 '65.

Trachoma treatment with antibiotics and sulfonamides combined with potassium and calcium preparations. K. A. Alizade, P. S. Melik-Alanova, U. Alikhanova. *Azerb. med. zhur.* 42 no. 11:40-44 N '66.

PHARMACOLOGY—ABSTRACTS

[Pharmacology, Chemotherapeutics, Toxicology] Ref. zhur. Farm. Khimioterap. sred. Toks. no. 2 F '66.

PHARMACOLOGY—PHYSIOLOGICAL EFFECT

Role of psychology (medical and advertising) in improving pharmacological aid to the population. I. A. N. Vorobchik, M. I. A. Minkovskii. Apt. delo 14 no. 3:45-48 My-Je '65.

PHARMACOPOLYMERIS

Control of the quality of drugs containing toxic substances according to data of Soviet pharmacopoeias. R. M. Nazarov. Apt. delo 15 no. 1:71-76 Ja-F '66.

Preparation of the 10th edition of the State Pharmacopoeia of the U.S.S.R. M. D. Mashkovskii, A. N. Obolnitskaya. Apt. delo 15 no. 3:3-6 My-Je '65.

Some problems in the compilation of the State Pharmacopoeia of the U.S.S.R. R. V. P. Luptin. Apt. delo 11 no. 3:8-10 My-Je '65.

PHARMACY

(see also subdivision under Bulgaria; Lithuania; Ukraine)

In defense of a historical truth. I. I. Levinshlein. Apt. delo 14 no. 3:82-85 My-Je '65.

Role of A. A. Iovskii and A. P. Nelubin in the development of the technology of medicinal forms and genies. A. M. Filin. Apt. delo 14 no. 3:77-82 My-Je '65.

PHARMACY—EQUIPMENT AND SUPPLIES

Electrophoresis and its use in pharmacy. N. I. Vestal'. Apt. delo 15 no. 1:80-83 Ja-F '66.

Volumetric method of determining the number of drops. V. A. Kobrin. Apt. delo 14 no. 3:54-60 My-Je '65.

PHARMACY—NOMENCLATURE

Etymology of the names of official Soviet pharmaceuticals. M. H. Kazanovskiy. Farmatsev. zhur. 18 no. 6: 68-71 '65.

Names of pharmaceutical preparations derived from plant names. M. H. Kazanovskiy. Farmatsev. zhur. 20 no. 4:64-69 '65.

PHARMACY—STUDY AND TEACHING

Training of pharmacists at the Correspondence Course of the Faculty of Pharmaceutical Sciences. M. M. Lytvynenko. Farmatsev. zhur. 21 no. 1:92-93 '66.

PHASE CONVERTERS

Digital phase angle regulator. N. S. Mikheev, R. P. Siroganov. Trudy LPI no. 256:80-85 '65.

PHASE RULE AND EQUILIBRIUM

Certain characteristics of the martensite transformation in steel of the austenite-martensite class. V. V. Usanov, V. S. Postnikov, V. N. Burmistrov. Izv. vys. ucheb. zav.; Chern. met. 0 no. 3:136-138 '66.

Constitutional diagram of the system Mg - Nd - Ni in the magnesium-rich field. M. E. Drits, M. L. Padazhova, N. R. Bocharov. Izv. AN SSSR, Met. no. 1:140-152 Ja-F '66.

Dependence of the chemical potentials of components on the composition of solutions in ternary systems. V. K. Filippov. Vest. LGU 21 no. 4:113-119 '66.

Equilibrium between ZnS - CdS solid solutions and molten Cd - Zn. A. V. Vishniakov, A. A. Bundel'. Zhur. fiz. khim. 40 no. 3:720-729 Mr '66.

Grain size and correlation of NiC content and their influence on the properties of Kh18Ni9Ti steel. A. M. Parshin, I. E. Kolosov. Metalloved. i term. obr. met. no. 3: 49-53 Mr '66.

Intraplate stage rule in the structure formation of vacuum condensates. L. S. Palatnik, G. V. Fedorov. Dokl. AN SSSR 168 no. 5:1095-1097 F '66.

Investigating the conditions of hard alloy formation with a nonuniform distribution of the carbide phase. Report No. 1. A. N. Krushinskii. Porosh. met. 6 no. 3:58-63 Mr '66.

Liquid-crystals and liquid-vapor equilibrium in the NbCl₅ - Al₂Cl₃ system. L. A. Niselskii and others. Zhur. neorg. khim. 10 no. 10:2339-2346 O '65.

Liquid-vapor equilibrium in the systems of trichloroallene with CCl₄, TiCl₄, BCl₃. I. I. Lapidus, L. A. Niselskii, A. A. Karateva. Zhur. neorg. khim. 10 no. 10:2372-2374 O '65.

Phase constitution of oxygen-blown converter phosphates slags with a low silica content. A. V. Rudnova, V. V. Kazanskii. Izv. AN SSSR, Met. no. 1:26-32 Ja-F '66.

Phase diagram of the system Se₂O₃ - Cr₂O₃. S. G. Treval'skii, V. N. Pavlov, L. M. Lopato. Izv. AN SSSR. Neorg. met. 2 no. 2:200-271 F '66.

Phase equilibria in the system potassium fluoride - water at elevated temperatures. M. A. Urusova, M. I. Ravich. Zhur. neorg. khim. 11 no. 3:852-860 Mr '66.

Phase equilibria in the system yttrium oxide-alumina and their comparison with equilibria in other systems. L. M. G. Al₂O₃. I. A. Bondar', N. A. Toropov. Izv. AN SSSR, Ser. khim. no. 2:212-218 '66.

Phase equilibrium and the distribution of elements in the system Fe - O - Al. I. A. Novokhvat'skii, B. F. Belov. Izv. AN SSSR, Met. no. 1:58-60 Ja-F '66.

Phase equilibrium in the system Ti - Co - Al. V. I. Markiv. Izv. AN SSSR, Met. no. 1:156-159 Ja-F '66.

Phase equilibria in the systems: polymer - binary solvent. Part 2. Solution of binary solvent components by secondary acetyl cellulose. L. A. Root, A. P. Petrovskii, S. A. Glikman. Koll. zhur. 28 no. 1:118-119 Ja-F '66.

Phase equilibria in the various stages of the oxidation process. N. I. A. Gordina, D. P. Krinkin, D. M. Rudkovskii. Khim. prom. 41 no. 1:808-813 N '65.

Phase transformations in austenitic-ferritic alloys under the effect of microimpacts. L. D. Chumakova, R. I. Minin, I. U. G. Veksel'. Izv. vys. ucheb. zav.; Chern. met. 9 no. 3:145-148 '66.

Photodissociation of chlorine and recombination of chlorine atoms at the critical point of liquid - gas equilibrium. I. R. Kiselevskii, I. U. V. I. Skhanskala, Z. A. Poliakova. Dokl. AN SSSR 166 no. 4:897-900 F '66.

Studying metastable β -alloys of the system Ti - Mo - Fe - Al. N. V. Ageev and others. Izv. AN SSSR, Met. no. 1:139-141 Ja-F '66.

Studying the kinetics of phase transformations in the system copper oxides - silicon oxide. A. F. Bessonov, V. M. Ushtanov, A. S. I. Ioslavskiy. Izv. AN SSSR, Met. no. 1:51-57 Ja-F '66.

The system rhodium - chromium - carbon. L. V. Gershkov, T. F. Fedorov, I. U. B. Kuz'min. Porosh. met. 6 no. 3:75-77 Mr '66.

Ternary system Cr - Fe - Si. C. I. Gladyshevskii, L. K. Dorusovich. Izv. AN SSSR, Met. no. 1:159-164 Ja-F '66.

Thermodynamic characteristics of the phase transitions of some halo-substituted organic compounds. I. U. P. Maslov, P. G. Maslov. Zhur. ob. khim. 36 no. 3:392-397 Mr '66.

X-ray study of the part of the system Al - Bi - Co in the field of 0 - 25% Co. O. S. Zarechniuk, D. P. Fiankevich, P. I. Krupnikov. Izv. AN SSSR, MET. no. 1:153-155 Ja-F '66.

PHASEMETER

Error in measuring the frequency difference caused by the nonuniformity of circular scanning using an electronic phase meter. E. V. Artemova. Trudy inst. Kom. stand., mer. i izm. prib. no. 77:79-81 '65.

PHENANTHRIDINE

Synthesis of phenanthridine derivatives. L. S. Poyarov. Izv. AN SSSR, Ser. khim. no. 2:337-339 '65.

PHENETHYLAMINE

Relationship between the structure and action in the series of some cyclic compounds containing phenylethylamine grouping. N. T. Starykh and others. Farm. i toks. 20 no. 1:25-31 Ja-F '66.

PHENOBARBITAL

Organic molecular compounds of phenobarbital; a review of the literature. M. V. Shchegolev, S. A. Nosovitskaya. Farmatsev. zhur. 21 no. 1:13-17 '66.

Use of thin layer chromatography for the analysis of phenobarbital and phenobarbital. N. V. Koshchikova. Farmatsev. zhur. 21 no. 1:40-44 '66.

PHENOL CONDENSATION PRODUCTS

Condensation of alkylphenols and alkyl- β -naphthols with formaldehyde and 1, 2-dichloroethane. A. M. Kuliev, A. G. Abdullayev, G. A. Zelmaleva. Azerb. neft. zhur. 44 no. 12:35-37 D '65.

Hydrogenation treatment of phenol resin obtained in the production of diphenylolpropane. M. K. Iul'in, A. B. Vol'-Epshtein. Zhur. prikl. khim. 39 no. 2:475-478 F '66.

Nature of the changes in novolak resin polydispersion properties during drying. A. M. Rasukina, I. N. Kogan. Plast. massy no. 3:44-45 '66.

Thermal degradation of thermosetting nitrogen-containing resins. V. A. Sargoyev, V. V. Korshak, L. V. Kozlov. Plast. massy no. 3:57-59 '66.

PHENOLOGY

(see also subdivision under Caucasus; Northern)

Lange, K. P., and V. E. Timofeev. [Observations on the seasonal phenomena of nature; a textbook for biology students.] Nabludeniya nad sezonnyimi yavleniyami prirody; posobie dlia studentov-biologov. Kulbyayev, Kulbyshevskii gos. pedagog. in-1, 1964. 51 p. (V pomoshch' studentu)

[MICROFILM]

PHENOLS

Alkylation of phenol by isopropylacetylene. V. D. Rimov, A. K. Sopkina, V. S. Vesova. Notekhimika 6 no. 3:335-339 My-Je '65.

Allylation of phenols and phenol ethers. Part 3: Use of monovalent copper compounds in the allylation of phenols. S. G. Mel'kanovitskaya. Zhur. org. khim. 2 no. 3:507-510 Mr '66.

Corrosion resistance of Kh18Ni9Ti steel. A. B. Vol'-Epshtein, M. N. Zharkova. Koks. i khim. no. 2:54-55 '66.

Cross-linking of rubbers with products of hydrohalogenation of dimethylol derivatives of phenols. L. V. Ginzburg and others. Vysokom. sood. 8 no. 2:357-360 F '66.

Effect of 2,4-dinitrophenol on the mutation frequency in sperm cells and spermatids of *Drosophila* irradiated with gamma rays. C. A. Abolova. Genetika no. 1:116-118 Ja '66.

Esters of petroleum naphthenic acids with mono- and polyatomic alcohols and phenols. A. G. Ismailov, S. D. Mekhtiev, B. A. Salimova. Izv. vys. ucheb. zav.; neft' i gaz. 9 no. 1:50-62 '66.

Interchain polyesters. Report No. 58. Kinetics of polycondensation of aromatic dicarboxylic acid chlorides with diallylamine. S. V. Vinogradova and others. Izv. AN SSSR, Ser. khim. no. 2:215-240 '66.

Interaction of ethylenediaminetetraacetic acid with di- and triatomic phenols and potassium thiocyanate. V. V. Lukachina, Uki. khim. zhur. 32 no. 2:131-135 '66.

Intermolecular reactions in the formation of complexes of aromatic diamines with chloranil and p-nitrophenol. A. V. Kirmbekov, M. A. Salimov, N. A. Kerimbekova. Zhur. fiz. khim. 40 no. 3:574-580 Mr '66.

Kinetics of interaction of substituted indophenol radical with amines and phenols. V. A. Bldzila, V. D. Pokhodenko, A. I. Brodskii. Dokl. AN SSSR 166 no. 5:1099-1102 F '66.

Obtaining alkylphenols for the production of lubricant additives over an aluminosilicate catalyst. I. B. Bronfin and others. Neftep. i neftekhim. no. 1:20-23 '66.

Phenols from heavy shale oils. A. D. Kokulin, K. A. Galutkina. Zhur. prikl. khim. 39 no. 2:410-414 F '66.

Production of diphenylolpropane from phenol and methylacetylene. D. A. Novokhalka and others. Khim. prom. 42 no. 3:175-176 Mr '66.

PHENOLS—PHYSIOLOGICAL EFFECT

Use of ¹⁴C-labeled feed for studying the effect of phenol and hydroquinone on the respiration in fish larvae. I. U. Sorokin, V. I. Luk'ianenko. Farm. i toks. 20 no. 1:100-110 Ja-F '66.

PHENOTHIAZINE

Effect of lithium carbonate and amiazin on γ -aminobutyric acid content in the brain tissue. R. A. Komisarova. Ukr. biokhim. zhur. 38 no. 1:59-61 '66.

Effectiveness of phenothiazine-salt pellets and loose mixtures against strongyloidiasis in sheep. K. D. Mikhomel'son and others. Veterinaria 12 no. 1:17-18 Ja '66.

Schizophrenia treatment with amiazin. R. G. Meskhi. Soob. AN Gruz. SSR 41 no. 1:223-229 Ja '66.

PHENOTHIAZINE—TOXICOLOGY

Toxic effect of phenothiazine derivatives and methods of their determination in biological fluids, a review. E. M. Salomatin. Sud.-med. ekspert. 9 no. 1:18-21 Ja-Mr '66.

PHENOXIDES

Reaction of phenolates with ethylene chlorohydrin and dialkyl chlorophosphates in aqueous solutions. N. K. Blizniuk and others. Zhur. ob. khim. 36 no. 3:480-483 Mr '66.

PHENOXYLATION

Kinetics of interaction of a substituted indophenol radical with amines and phenols. V. A. Bldzila, V. D. Pokhodenko, A. I. Brodskii. Dokl. AN SSSR 166 no. 5:1099-1102 F '66.

PHENYLENEDIAMINE

Constitution of the product of polycondensation of diacetyl and p-phenylenediamine. M. N. Shchokova, A. I. Lukachik. Vysokom. sood. 8 no. 2:312-315 F '66.

Regularity of the action of di- β -naphthyl-p-phenylenediamine in the radiation-induced oxidation of polyacrylonitriles. A. S. Fomenko and others. Vysokom. sood. 8 no. 2:251-255 F '66.

PHEOPHYTINS

Dissociation of copper pheophytinate. B. D. Berezin, A. N. Drozhysheva. Zhur. fiz. khim. 40 no. 3:719-724 Mr '66.

PHILIPPINE WOMEN see Women, Philippine

PHILIPPINES—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"Liveable," the Dawn. Manuel Cruz. Az. i Afr. seg. 0 no. 3:8-9 Mr '66.

PHILOLOGY

Saratov. Universitet. [Papers by young scholars. History and philology issues.] Trudy molodykh uchenykh Vypusk istoriko-filologicheskii. [Saratov] 1964. 161 p. (CST-II)

PHILOSOPHY

(see also subdivision under Moldavia; Ukraine)

A meeting in the editorial office: Discussion of vol. 8 of "The history of philosophy." Vop. filos. 20 no. 3:156-161 '66.

Results of and outlook for research on the history of philosophy. Vest. AN SSSR 36 no. 2:95-101 F '66.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—
Philosophy

PHILOSOPHY—PERIODICALS

Though the pages of the January issues of scholarly periodicals, *Kommunist* 42 no.1:125-127 Ja '66.

PHILOSOPHY, MEDIEVAL

Dante and the philosophy of his time. A. Kh. Gorfunkel'. *Vop.filos* 20 no.1:87-97 '66

PHLEGMON

Case of phlegmon of the small intestine produced by fecal calculi. M. A. Kozlov, G. I. Frolov. *Khirurgia* 42 no.3:139-140 Mr '66.

Phlegmon of the intestine. V. V. Simonov. *Khirurgia* 42 no.3:69-73 Mr '66.

X-ray diagnosis of retroperitoneal phlegmons. A. S. Pipko. *Khirurgia* 42 no.3:92-96 Mr '66.

PHONOGRAPH

"Gamma" radio-phonograph combination. E. Pozner. *Radio* no.2:41-13 F '66.

Introducing a conveyor line for assembling electric record players. B. T. Dvinskii. *Bul.tekh.-ekon.inform. Gos.nauch.-issl. Inst. nauch. i tekhn.inform.* 19 no.1:24-27 Ja '66.

PHONONS

Theory of the "drag" effect transmitted through a p-n-junction. E. Dzhalimov. *Izv. AN Uz. SSR. Ser. fiz.-mat. nauk* 10 no.2:69-72 '66

PHONORECORDS

A film's phonorecord stories. L. Sholokhov. *Sov. torg* 39 no.1:31-32 Ap '66.

PHOSGENE

Synthesis and study of the properties of polyurethane carbonate based on 2-[2-(3-methyl-4-hydroxyphenyl)isopropyl]-2-methylphenyl ester of hexamethylenediamine acid and phosgene. O. V. Smirnova and others. *Vysokom. soed.* 8 no.2:302-307 F '66.

PHOSPHATASES

Effect of deoxyribonuclease I and phosphodiesterase of the snake venom on living cells of the strain Hep-2. I. S. Gubenko. *Tsitologia* 8 no.1:110-114 Ja-F '66.

Histochemical reaction to acid phosphatase as an index of the reactivity of the blood serum in multiple sclerosis patients. I. A. K. Osipova. *Dokl. AN BSSR* 10 no.2:135-137 F '66.

Histochemical study of acid and alkaline phosphatases in the blood vessels of some organs. G. G. Aminova. *Trudy Mosk. vet. akad.* 22 no.2:3-6 '66.

Inactivation of alkaline phosphatase solutions by Co^{60} - γ -irradiation and the study of some properties of irradiated phosphatase. E. B. Nikol'skaya. *Radiobiologiya* 6 no.1:23-26 '66.

Indices of alkaline phosphatase in areas of fractures and serum in osteosynthesis of the femur. R. G. Muslakimov. *Trudy Mosk. vet. akad.* 19 no.2:113-148 '67

Possibility of alkaline phosphatase inhibition with aminazine. G. I. Meerov. *Farm. i lek.* 29 no.1:69-100 Ja-F '66.

Some changes in the optic nerve and the midbrain following unilateral enucleation. T. V. Davydova. *Trudy Mosk. vet. akad.* 22 no.2:30-34 '66.

PHOSPHATE INDUSTRY

Technological study of phosphorites from the Kraenoyarsk Territory. V. I. Kolmogorova. *Khim. prom.* 41 no.11:829-831 N '66.

PHOSPHATES see subdivision under Kyzyl Kum; Ural Mountains

PHOSPHATES—EFFECT ON PLANTS see Plants, Effect of phosphates on

PHOSPHATIDES

Fatty acid composition of phospholipids from cottonseed oil. N. I. Iskhakov, A. S. Sadykov, A. I. Ismailov. *Khim. prirod. soed.* no.3:199-201 '65.

Separation of brain phospholipids by the method of thin-layer chromatography. M. A. Chebotareva. *Vop. med. khim.* 12 no.1:66-68 Ja-F '66.

Use of soybean phosphatides in the confectionery industry. A. I. Shirlaev, A. G. Poksha. *Khleb. i kond. prom.* 10 no.3:25-26 Mr '66.

PHOSPHIDES

Preparation and some properties of rare-earth phosphides. G. V. Samsonov and others. *Ukr. khim. zhur.* 32 no.2:115-118 '65.

PHOSPHINE

Reaction of ethyldichlorophosphine with crotonic acid. V. K. Khatullin, A. N. Pudovik. *Zhur. ob. khim.* 36 no.3:494-498 Mr '66.

Reaction of secondary chlorophosphines with chloromethylalkyl sulfides. V. S. Tsvintin, G. Kh. Kamai, V. V. Kormachov. *Zhur. ob. khim.* 36 no.2:271-278 F '66.

Reaction of trivalent phosphorus acid chlorides with conjugated systems. Part 1: Reaction of ethyldichlorophosphine with α,β -unsaturated acids. V. K. Khatullin, R. R. Shagidullin. *Zhur. ob. khim.* 36 no.2:289-296 F '66.

Synthesis of organophosphorus compounds starting from phosphorus hydrides. Part 3: Reactions of ethyl-, diethyl-, and methylthiophosphines with paraformaldehyde. E. I. Grinshteyn, A. B. Bruker, L. Z. Soborovskii. *Zhur. ob. khim.* 36 no.2:302-308 F '66.

Synthesis of organophosphorus compounds starting from phosphorus hydrides. Part 4: Synthesis of β -hydroxyethyl-, alkylphosphines and β -hydroxyethylalkylphosphines and their derivatives. A. B. Bruker, E. I. Grinshteyn, L. Z. Soborovskii. *Zhur. ob. khim.* 36 no.3:464-468 Mr '66.

PHOSPHINE OXIDE

Oxide of α -methyl- β -chlorovinylphosphine. M. I. Kabachnik, T. I. A. Medved', I. M. Polikarpov. *Izv. AN SSSR Ser. khim.* no.2:368-370 '66.

Oxides of β -amino-substituted vinylphosphines. M. I. Kabachnik, T. I. A. Medved', I. M. Polikarpov. *Izv. AN SSSR Ser. khim.* no.2:367-368 '66.

PHOSPHINE SULFIDE

Accumulation of Thio-TEPA in rat organs and its binding by the proteins of tumors and normal tissues. K. A. Poyevoshchikova and others. *Vop. med. khim.* 13 no.1:51-54 Ja-F '66.

PHOSPHINIC ACID

Amides and anhydrides of phosphorus acids. Part 3: Hydrolysis and acidolysis of phenylphosphinic acid derivatives. L. I. Mizrahi, V. P. Evdokov. *Zhur. ob. khim.* 36 no.3:469-475 Mr '66.

Breaking of the element-oxygen bond by methylphosphinic acid difluoride. B. M. Glushchik, I. P. Kullukin, L. Z. Soborovskii. *Zhur. ob. khim.* 36 no.3:489-492 Mr '66.

Cyclic esters of unsaturated phosphinic acids. A. N. Pudovik, E. M. Faizullin, V. P. Zhukov. *Zhur. ob. khim.* 36 no.2:310-314 F '66.

Dialkyl phosphites and monoalkyl phosphinites. N. K. Blizniuk and others. *Zhur. ob. khim.* 36 no.3:475-480 Mr '66.

Synthesis and properties of triphosphonitrites (synthetic additives to lubricants). E. I. Mamiuk, V. V. Sauer, P. I. Sanin. *Neftekhimiya* 5 no.4:624-628 Ji-Ag '65.

Synthesis and some properties of organosilicon esters of hydroxymethylphosphinic acid. N. F. Orlov, V. P. Miloshevich. *Zhur. ob. khim.* 36 no.3:518-521 Mr '66.

Synthesis of homogeneous ion-exchange membranes by grafting α -phenylphosphinic acid into insoluble polyvinyl alcohol films. G. S. Kolesnikov and others. *Vysokom. soed.* 8 no.2:297-301 F '66.

Synthesis of phosphinic acid esters containing heterocyclic radicals. Report No. 8: Alkyl esters of 2-methyl-3-(β -phosphonmethyl)-quinoline. B. A. Arbutov, V. M. Zorotskova. *Izv. AN SSSR Ser. khim.* no.2:254-257 '66.

PHOSPHITES

Synthesis and chemical transformations of cellulose alkylphosphites. D. A. Provdoltelev, L. E. Nifant'ev, Z. A. Rogovin. *Vysokom. soed.* 8 no.2:213-218 F '66.

PHOSPHOMOLYBDATES

Using phosphomolybdates of basic dyes for the extraction-photometric determination of phosphorus. A. K. Babko, I. U. F. Shkaravskii, V. I. Kulik. *Zhur. anal. khim.* 21 no.2:108-109 '66.

PHOSPHONAMIDIC ACID

Organic insectofungicides. Part 84: Amides of O-aryl-methyl- and chloromethylphosphonic acids. N. N. Mel'nikov, A. F. Grapov, N. V. Lebedeva. *Zhur. ob. khim.* 36 no.3:457-461 Mr '66.

PHOSPHONIC ACID

Organic insectofungicides. Part 82: Synthesis of chlorides, amides, and anilides of O-chlorophenylmethylphosphonic acid. N. N. Mel'nikov, A. F. Grapov, N. V. Lebedeva. *Zhur. ob. khim.* 36 no.3:450-453 Mr '66.

PHOSPHONIC DIAMIDE

Organic insectofungicides. Part 80: Asymmetrical diamides of methylthiophosphonic acid. N. N. Mel'nikov, A. F. Grapov, L. V. Razvodovskaya. *Zhur. ob. khim.* 36 no.2:260-271 F '66.

PHOSPHONITRILE CHLORIDE

Epoxy resins with a base of triphosphonitrile chloride derivatives. A. F. Nikolaev and others. *Plast. massy* no.3:17-19 '66.

PHOSPHONUM COMPOUNDS

Nonflammable polyvinyl alcohol fibers on the basis of polyvinyl alcohols with dimethylolurea and tetramethylol phosphonium chloride. G. A. Kiselev, L. A. Vol'f, A. I. Meos. *Zhur. prikl. khim.* 39 no.2:388-393 F '66.

PHOSPHOPROTEINS

Effect of carbon tetrachloride on phosphoprotein metabolism in the animal liver. R. P. Vymohratova. *Ukr. biokhim. zhur.* 36 no.1:27-32 '66.

PHOSPHORANE

Condensation of D-glycerol aldehyde with phosphoranes. I. U. Zhdanov and others. *Zhur. ob. khim.* 36 no.3:192-194 Mr '66.

Monoacetalaldehydes. Report No. 11: Reaction of sugars with carbethoxymethyltetraphenylphosphorane. N. K. Kochetkov, B. A. Dmitriev. *Izv. AN SSSR Ser. khim.* no.2:271-281 '66.

Reactions of aroylmethyltetraphenylphosphoranes with alkyl iodides. A. A. Gligorenko, M. I. Shcheglov, A. V. Danilovskii. *Zhur. ob. khim.* 36 no.3:506-512 Mr '66.

PHOSPHORIC ACID

Binding properties of the products of reaction of titanium dioxide with phosphoric acid. S. L. Gulyuk-Vol'f, L. G. Sudakova. *Izv. AN SSSR Neorg. khim.* 2 no.2:343-348 F '66.

Complex formation of trivalent actinide elements and lanthanides in phosphoric acid solutions. M. S. Burdakov and others. *Neftekhimiya* 6 no.1:42-48 '66.

Organic insectofungicides. Part 83: Interaction of phosphoric acid esters with higher aliphatic amines. N. N. Mel'nikov, B. A. Khaskin, L. T. Elopina. *Zhur. ob. khim.* 36 no.3:453-457 Mr '66.

Physicochemical investigation of the system barbitamide-polyphosphoric acids. S. I. Vol'fovich, A. I. Cherkovskikh. *Zhur. prikl. khim.* 39 no.2:240-251 F '66.

Physicochemical study of anions formed by orthophosphoric acid with some acids. I. U. A. Fialkov, I. U. A. Tarasenko. *Zhur. neorg. khim.* 11 no.3:618-621 Mr '66.

Reaction of phenolates with ethylene chlorohydrin and dialkyl chlorophosphates in aqueous solutions. N. K. Blizniuk and others. *Zhur. ob. khim.* 36 no.3:460-463 Mr '66.

PHOSPHORITES

(see also subdivision under Kraenoyarsk Territory, Siberia)

Thermogravimetric analysis of phosphorite chlorination. A. N. Kletov, V. V. Pechkavskii, I. P. Kozlov. *Izv. vyzn. ucheb. zav. i khim. i khim. tekhn.* 8 no.6:660-673 '65.

PHOSPHORODITHIOATES—SPECTRA

Infrared absorption spectra of metal dialkylthiophosphates. K. I. Zhdanov and others. *Neftekhimiya* 5 no.4:628-635 Ji-Ag '65.

PHOSPHORODITHIOIC ACID

Effect of thermal transformations of metal dialkylthiophosphates on their activity as antioxidants of hydrocarbons. V. V. Shestakov and others. *Neftekhimiya* 5 no.3:399-403 My-Je '65.

Inhibiting effect of bisulfon dibenzoyldithiophosphite and products of its decomposition. D. Shapov, S. I. Ivanov. *Neftekhimiya* 5 no.3:410-416 My-Je '65.

PHOSPHOROTHIOIC ACID

S-alkylthiophosphonic acids and their derivatives. Part 1: Effect of induction and conjugation on the dissociation constants of acids. A. A. Nelymshchova, V. I. Savchuk, I. I. Kuznetsov. *Zhur. ob. khim.* 36 no.3:500-506 Mr '66.

Zinc salts of dialkylthiophosphonic acids as emulsifiers of hydrocarbons. G. N. Kuz'mina, V. V. Sher, P. I. Sanin. *Neftekhimiya* 5 no.3:466-469 My-Je '65.

PHOSPHOROUS ACID

Dialkyl phosphites and monoalkyl phosphinites. N. K. Blizniuk and others. *Zhur. ob. khim.* 36 no.3:475-480 Mr '66.

Organic insectofungicides. Part 81: Reaction of triethyl phosphite with monochloroacetyl amides. V. I. Lomskina, I. A. A. Mandel'baum, N. N. Mel'nikov. *Zhur. ob. khim.* 36 no.3:447-449 Mr '66.

PHOSPHORS

Phosphorescence of cement phosphors and organo-oxide phosphors. H. M. Kyallak, H. M. Lyasenko. *Ukr. fiz. zhur.* 11 no.2:199-205 F '66.

PHOSPHORUS—ANALYSIS

Determination of phosphorus in arsenic and arsenic trioxide. V. G. Goriushkin, N. V. Raevskii. *Zhur. anal. khim.* 21 no.2:239-241 '66.

Using phosphomolybdates of basic dyes for the extraction-photometric determination of phosphorus. A. K. Babko, I. U. F. Shkaravskii, V. I. Kulik. *Zhur. anal. khim.* 21 no.2:108-109 '66.

PHOSPHORUS—EFFECT ON PLANTS see Plants, Effect of phosphorus on

PHOSPHORUS—PHYSIOLOGICAL EFFECT

Effect of phosphorus on the biosynthesis of oleandomycin. E. I. Surikova, M. V. Kurganova. *Antibiotiki* 11 no.3:206-210 Mr '66.

PHOSPHORUS ACIDS

Derivatives of phosphinic and phosphinous acids. Part 33: Reactions of addition, rearrangement, and oxidation of phosphorus acid esters with alkyl radicals. B. G. Liober, A. I. Razumov. Zhur. ob. khim. 36 no. 2 314-319 F '66.

Phosphorus acid amides. Part 8. N-acetylphosphates and phosphinates and N-acetylphosphates and phosphinates. V. A. Gittarov, E. N. Tsvetkov, M. I. Kabachnik. Zhur. ob. khim. 36 no. 2:274-282 F '66.

Synthesis of ethylenamide thiophosphites and phosphonates. E. E. Nifant'ev and others. Zhur. ob. khim. 36 no. 2 310-321 F '66.

PHOSPHORUS-CADMIUM ALLOYS see Cadmium-phosphorus alloys

PHOSPHORUS CHLORIDES

Interaction of some pentavalent phosphorus chlorides with divalent ether. V. S. Tsvetkov, G. Kh. Kamat, S. V. Fridman. Zhur. ob. khim. 36 no. 3:438-442 Mr '66.

N-dichlorophosphonyl-N'-alkyl-C-chloroformamidines and their derivatives. G. I. Derkach, A. V. Narbut. Zhur. ob. khim. 36 no. 2 322-326 F '66.

PHOSPHORUS ISOTOPES

The P³⁰ isotope. A. N. L'vov and others. Izv. AN SSSR. Ser. fiz. 30 no. 3:439-443 Mr '66.

PHOSPHORUS ISOTOPES—PHYSIOLOGICAL EFFECT

Radioisotopic parameters of the accumulation and elimination of radiophosphorus following its inhalational and peroral uptake by the organism. V. P. Pugachevskii. Radiobiologiya 6 no. 1:143-145 '66.

PHOSPHORUS METABOLISM

Age-related characteristics of the metabolism of phosphorus compounds in chickens. G. I. Kiselev. Vest. sel'khoz. nauk 10 no. 6:85-86 Ja '65.

Effect of adrenalectomy on the carbohydrate-phosphorus metabolism in the brain tissue of guinea pigs. M. M. Kosmina, E. I. Zhur. [Ukr.] 12 no. 1:102-101 Ja-F '66.

histochemical study of the activity of acid phosphatase and the concentration of orthophosphates in the nervous system of the intestine during the action of some neurotropic substances. Kh. Tserov. Trudy Mosk. vet. akad. 22 no. 2 15-27 '58.

Use of the Gomori method and lead impregnation in histochemical and morphological studies of some extramural ganglia of the vegetative nervous system. N. N. Petropavlovskaya. Trudy Mosk. vet. akad. 22 no. 2:7-14 '58.

PHOSPHORUS ORGANIC COMPOUNDS see Organo-phosphorus compounds

PHOSPHORYL CHLORIDE

Phosphorylation of modified cellulose preparations by means of phosphoric acid chloride. A. I. Iudashov and others. Vysokom. soed. 8 no. 2:231-231 F '66.

PHOSPHORYL FLUORIDE

Analysis of trialkylfluorophosphate esters and bis (trialkylsilyl) monofluorophosphates by titration in nonaqueous solutions. A. P. Kreselkov, V. A. Drozdov, I. I. Orlova. Zhur. anal. khim. 21 no. 2:214-216 '66.

PHOSPHORYLASE

Pyrimidinenucleosidic phosphorylase in the cells of human blood under normal conditions and in leukemia. I. S. Luganova, I. F. Setta. Vop. med. khim. 12 no. 1:72-78 Ja-F '66.

PHOSPHORYLATION

Derivatives of N-phosphorylated iminocarbonic acids. G. I. Derkach, N. I. L'puga. Zhur. ob. khim. 36 no. 3: 481-487 Mr '66.

Effect of inorganic iodine on the oxidizing phosphorylation in the mitochondria of the brain and kidneys of normal rabbits and rabbits with hyperthyroidism. Racho Rusov Rachev. Blul. eksp. biol. i med. 61 no. 1:53-55 Ja '66.

Oxidative metabolism and phosphorylation in the liver in lead poisoning. L. E. Tsiar, Kh. A. Kakhin. Vop. med. khim. 12 no. 1:41-44 Ja-F '66.

Phosphorylation of polymers. G. F. Bobikh, T. P. Sakodinskaya. Vysokom. soed. 8 no. 2:343-346 F '66.

Phosphorylation of 2-alkoxypropionitriles. V. I. Shevchenko, V. P. Kukhar', A. V. Kirsanov. Zhur. ob. khim. 36 no. 3:467-469 Mr '66.

PHOTOCHEMISTRY

Dark and photochemical reduction of metal derivatives of the porphyrin series. D. A. Savell'ev and others. Dokl. AN SSSR 167 no. 1:135-138 Mr '66.

Double photoensibilization of the dissociation of organic molecules at 77°K (ternary systems). V. V. Ryl'kov, V. E. Kholmogorov, A. N. Terenin. Dokl. AN SSSR 166 no. 4:913-916 F '66.

Mechanism of photoinitiated oxidation of hexaethyliditin by oxygen. I. A. Aleksandrov, B. A. Radbil'. Zhur. ob. khim. 36 no. 3:443-447 Mr '66.

Methyl methacrylate polymerization photosensitized by oxides. A. A. Kachan, V. A. Shrubovich. Ukr. khim. zhur. 32 no. 1:105-106 '68.

Photochemical reactions of π -C₆₁H₁₂Fe(CO)₂C₆₁H₁₂. A. N. Nesmetanov and others. Dokl. AN SSSR 166 no. 5:1125-1128 F '66.

Photoabsorption and photoabsorption of oxygen on zinc oxide. Comparison with photoconductivity. Kin. i kat. 7 no. 1:128-135 Ja-F '66.

Photodissociation of chlorine and recombination of chlorine atoms at the critical point of liquid - gas equilibrium. I. H. Kichevskii, I. V. V. Sot'hanskaya, Z. A. Potakova. Dokl. AN SSSR 166 no. 4:897-900 F '66.

Phototransformations of radicals in γ -irradiated frozen acetone. G. V. Pukhal'skaya, A. G. Kotov, S. I. A. Pashchetskii. Zhur. fiz. khim. 40 no. 3:714-718 Mr '66.

Relationship between the structure and light fastness of fluorene-containing dyes. Part 2. The colors. L. M. Iagupolskii, L. Z. Gandel'man, S. N. Solodushenkov. Ukr. khim. zhur. 32 no. 2:187-193 '66.

Sensitized photodissociation of triphenylmethane compounds in the solid phase. Part 1. I. I. Kozlov, D. N. Shigorin, G. A. Ozerova. Zhur. fiz. khim. 40 no. 3 700-703 Mr '66.

Studies on primary photochemical processes in proteins. I. Two photochemical reactions with aromatic amino acids. I. A. Vladimirov, D. I. Raschupkin. Biokhimiya. 9 no. 3 282-282 '64.

Thermographic investigation of the photooxidative degradation of polyethylene. R. Baltenas, E. Sakalauskas, L. A. L. Igonis. Dokl. AN SSSR 167 no. 1:121-123 Mr '66.

PHOTOCONDUCTIVITY

The new highly sensitive photoconductor CdIn₂Te₄. O. M. Bitalov, O. V. Lushchenko, I. V. Potykevich. Ukr. fiz. zhur. 11 no. 2:219-221 F '66.

Photoconductivity spectra of p-silicon irradiated by fast electrons. A. N. Sevechenko, V. D. Tkachev. Dokl. AN SSSR 166 no. 2 80-82 F '66.

Photoabsorption and photoabsorption of oxygen on zinc oxide. Comparison with photoconductivity. I. V. P. Solonitsyn. Kin. i kat. 7 no. 1:128-135 Ja-F '66.

PHOTOELASTICITY

Investigating elastoplastic deformations of shells having cutouts and reinforced by the method of photoelastic coatings. A. A. Atkandrov, M. Kh. Akhmetzhanov, A. S. Rakin. Prikl. mekh. 2 no. 3:1-9 '66.

Pressure exerted by a cylindrical vessel on supporting bases. P. I. Zingulyshenko, A. L. Gashko, I. A. Litvinenko. Gidromekhanika no. 7:81-87 '55.

PHOTOELECTRIC CELLS

Photoelectric transformers on the basis of epitaxial p-n-junctions in Si. G. A. Chelvitkova. Geliotekhnika no. 1:34-36 '66.

Some properties of film-type photoelectric transformers on the basis of cadmium telluride. R. N. Tykvenko. Geliotekhnika no. 1:30-33 '66.

Transistorized photoelectric detector of the turbidity of water. P. I. Shul'gin and others. Izv. AN Uz. SSR. Ser. fiz. - mot. nauk 10 no. 1:88-89 '66.

PHOTOELECTRIC CELLS—RELIABILITY

Spread of parameters and the stability and life of FSK-type photoresistors. N. I. Tushkevich. Avtom. i telet. no. 2:147-151 '66.

PHOTOELECTRIC MULTIPLIERS

Application of a photomultiplier in the photon counter system for the electrophotometry of light fluxes. E. D. Mishchenko, G. P. Startsev. Opt. - mekh. prom. 33 no. 3:15-18 Mr '66.

Calculation of the threshold sensitivity of photoelectric multipliers. T. A. Kovalova, G. Z. Kupceva, A. E. Melamid. Radiotekhnika i elektronika. 11 no. 3:568-571 Mr '66.

PHOTOELECTRICITY

Effect of the structure of three-particle nuclei on the photodisintegration cross section. V. N. Fetisov. Pis'ma v red. Zhur. eksp. i teoret. fiz. 3 no. 4:170-173 F '66.

Use of the extrinsic X-ray photoeffect in determining certain characteristics of the motion of electron beams in solids. E. P. Denisov, M. A. Rumsh. Vest. LGU 21 no. 4:57-68 '66.

PHOTOGRAMMETRY

Some problems relative to the photogrammetric deformation of the altitudes of stream gradients. L. A. Kashin. Geod. i kart. no. 2:38-44 F '66.

PHOTOGRAMMETRY—CONGRESSES

Resolutions of the 10th Congress of the International Photogrammetric Society. S. V. Knorozov, I. U. M. Fomin. Geod. i kart. no. 2:55-59 F '66.

PHOTOGRAMMETRY—EQUIPMENT AND SUPPLIES

Comparing test grids. E. V. Filimonov, I. A. Krylov. Geod. i kart. no. 2:44-48 F '66.

PHOTOGRAPHIC EMULSIONS

Strengthening of cinematographic materials during the hot perforation and cutting processes. I. M. Fridman, M. G. Mazyrin. Trudy NIKFI no. 50:10-41 '62.

PHOTOGRAPHIC INTERPRETATION

Work of the Commission on the Interpretation of Aerial Photographs at the International Geographical Union. B. V. Vinogradov. Izv. Vses. geog. ob-va 88 no. 1:95 Ja-F '66.

PHOTOGRAPHIC INTERPRETATION (MILITARY SCIENCE)

Interpreting aerial photographs of ships. P. P. Beloborodov. Mor. shor. 49 no. 3:67-70 Mr '66.

PHOTOGRAPHIC OPTICS

Shashlov, B. A. [Photographic optics] Fotograficheskaya optika, uchebnoe posobie dlia FPT. Moskva, Mosk. poligr. tn-t, 1965. 85 p.

PHOTOGRAPHIC SHUTTERS see Shutters, Photographic

PHOTOGRAPHIC SURVEYING

Use of stereoscopic photographic surveying in hydraulic engineering. V. S. Vinogradov, I. F. Bolgov. Gidr. i mat. 18 no. 2:47-49 F '66.

PHOTOGRAPHY

Optics without lenses; laser-ray photography. L. M. Sokolov. Priroda no. 2:37-48 F '66.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photography and motion-picture equipment] Ref. zhur. i Fotokhotekh. no. 2 F '66.

PHOTOGRAPHY—FILMS

Introduction of a new State Standard (GOST) on black-and-white negative films. A. Mikhailov. Sots. zakon. 43 no. 3 68 Mr '66.

PHOTOGRAPHY—PLATES

Indicator for photographic plate pressing devices in phototheodolite cameras. G. P. Kudrjavtsov. Geod. i kart. no. 2:48-50 F '66.

PHOTOGRAPHY, AERIAL

Aerial photography at supersonic speeds. M. Znamenskii. Av. i kosm. no. 4:80-71 Ap '66.

PHOTOGRAPHY IN THE CHEMICAL MACHINERY INDUSTRY

Device for observing and photographing hydrodynamic processes inside a "transparent" rotating rotor. I. G. Bospalov, L. V. El'st'ratova, T. M. Chuzhalkina. Khim. i neft. mashinost. no. 1 9-9 Ja '66.

PHOTOGRAPHY OF CLOUDS

Determination of statistical characteristics of the spatial structure of cloud fields from aerial photographs. L. G. Ielomina. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 3:263-271 Mr '66.

PHOTOGRAPHY OF DOCUMENTS

Photographic newspapers are a visual form of the popularization of documentary materials. V. G. Andrusak, I. U. P. L'pugov. Vop. arkh. 9 no. 4:62-63 O-N '64.

PHOTOLITHOGRAPHY

Problems of nanotechnology in the manufacture of semiconductor devices using a photolithographic method. F. P. Press, A. B. Matveev. Svetotekhnika 12 no. 2: 23-27 F '66.

PHOTOMETERS

Theory of a phase measuring method in photometric devices. I. V. Popov. Avtomatika no. 6:87-94 '66.

PHOTOMETRY

Application of a photomultiplier in the photon counter system for the electrophotometry of light fluxes. E. D. Mishchenko, G. P. Startsev. Opt. - mekh. prom. 33 no. 3:15-18 Mr '66.

PHOTONUCLEAR REACTIONS

Dispersion theory of magnetic dipole photodisintegration of the deuteron. M. M. Petlov. Izv. AN SSSR. Ser. fiz. 30 no. 2:301-305 F '66.

Nature of the dipole resonance width in photoneuclear reactions. P. A. Zhilovitskiy, V. M. Moskovkin, N. P. Iudin. Izv. AN SSSR. Ser. fiz. 30 no. 2:306-311 F '66.

Theory of direct photoneuclear reactions. D. F. Zaretskii, A. A. Lushnikov, M. G. Urin. Iad. fiz. 3 no. 3:432-438 Mr '66.

PHOTOSYNTHESIS

Effect of chlorine on the photosynthetic apparatus of sugar beets. M. N. Goncharik, S. A. Mitul'skaya. Agrokhimika no. 3:103-110 Mr '66.

Entorcion between the forms of motion of matter in biological systems and their study methods. O. H. Sud'ina. Fitos. prot. such. prirod. no. 4:130-138 '65.

Photosynthetic coefficient of Chlorophyll at various temperatures. M. V. Chukanovskaya. Bot. zhur. 51 no. 1: 135-138 Ja '66.

Study of electron paramagnetic spin resonance spectra of photosynthesizing green bacteria. G. T. Rikhteva, L. P. Kalushin, A. A. Kramnovskii. Biophysika 9 no. 3: 380-389 '64.

Thermodynamics of photosynthesis. L. N. Bell. Biophysika. 9 no. 3:283-288 '64.

PHthalAN

Hydroxydihydrofurans. Part 14: Synthesis and properties of 1,1-dimethyl-3-phenyl-3-hydroxypyridophthalan. L. A. Pavlova, D. F. Skurydina, E. D. Venus-Danilova. Zhur. ob khim. 39 no. 3 410-414 Mr '66.

PHthalIC ACID

Coefficients of condensation of sulfuric acid, glycerol, and n-dibutyl phthalate. A. I. Baranova, A. G. Amelin, N. M. Antonova. Koll. zhur. 28 no. 111-20 Ja-I '66.

Mechanism of esterification of phthalic acids and reesterification of phthalates studied by the tracer method. E. N. Gur'lanova and others. Zhur. org. khim. 2 no. 3: 493-495 Mr '66.

PHthalIC ANHYDRIDE

Recovery of vanadium from the spent vanadium-potassium-silica gel catalyst from the production of phthalic anhydride. A. F. Shestov and others. Khim. prom. 41 no. 1, 659 N '65.

PHthalIC ANHYDRIDE—TOXICOLOGY

Arginine and glycocoll in acute phthalic anhydride poisoning. M. G. Stepanov. Farm. ito's. 27 no. 6, 741-742 N-D '64.

PHthalOCYANINES—ELECTRIC PROPERTIES

Conductance of phthalocyanines of some metals. S. D. Nasiridinov and others. Zhur. fiz. khim. 40 no. 3: 741-743 Mr '66.

PHYCOMYCETES

Seasonal periodicity in the development of Saprolegniaceae and the type of their oospores. I. A. Dudka. Gidrobiol. zhur. 2 no. 1 62-64 '66.

PHYLOGENY

New method for the construction of a genealogical table and the phylogenesis of fossil and recent dragonflies. I. U. M. Zaleski. Paleont. sbor. [L'vov] no. 2 pt. 1 16-24 '65.

PHYLOGENY (BOTANY)

Problems of the phylogeny of liverworts (Hepatopsida). D. K. Zerov. Bot. zhur. 31 no. 13-14 Ja '66.

PHYSICAL AND THEORETICAL CHEMISTRY see Chemistry, Physical and theoretical

PHYSICAL EDUCATION AND TRAINING

(see also subdivision under Poland)

Application of choreographic exercises in sports practice. E. G. Kotelnikova. Teor. i prak. fiz. kul't. 29 no. 3, 34-37 Mr '66.

Do we need training? Teor. 27 no. 1: 137-140 Ja '66. Effect of training on the nucleic acid content in various muscle types. T. I. U. Shchesno. Ukr. biokhim. zhur. 38 no. 1, 78-80 '66.

Let's welcome the 23d Congress of CPSU in a befitting manner. A. V. Korobkov and others. Teor. i prak. fiz. kul't. 29 no. 3, 3-4 Mr '66.

Matveev, L. P. [For athletes about sports form] Sportsmenam o sportivnoi forme. Izd. 2., perer. Moskva, Fizkul'tura i sport, 1966. 55 p. (Biblioteka sportmena)

Medvedev, A. S. [Your personal record] Tvoi lichnyi rekord. Moskva, Izd-vo "Znanie," 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. X Seriya: Molodchizna, no. 3)

"Ready to defend his homeland," the complex of normative requirements in the physical and technical training of draft age youth. E. S. Gromadskii. Teor. i prak. fiz. kul't. 29 no. 2: 3-5, 66-67 F '66.

Role of physical education and sports in the regime of work and home life of communist labor brigades. G. A. Regochil, N. P. Novoselov. Teor. i prak. fiz. kul't. 29 no. 3: 8-8 Mr '66.

6th plenum of the committee on industrial gymnastics and therapeutic work of the Central Council of the Voluntary Sport Organization "Trud." Teor. i prak. fiz. kul't. 29 no. 3: 79-80 Mr '66.

Some laws of sports training. B. I. Butenko. Teor. i prak. fiz. kul't. 29 no. 3: 18-23 Mr '66.

PHYSICAL EDUCATION AND TRAINING—TEACHER TRAINING

Work of the Public Institute for the Improvement of Qualification of Physical Education Personnel. M. S. Matkalin, L. V. Gerkan. Teor. i prak. fiz. kul't. 29 no. 2: 59-61 F '66.

PHYSICAL EDUCATION FACILITIES see subdivision under Leningrad

PHYSICAL EDUCATION FOR CHILDREN

Characteristics of physical education for primary grade students. Z. I. Kuznetsova. Sov. pedagog. 30 no. 3: 36-45 Mr '66.

Comprehension, speed and thoroughness, . . . G. Leskova. Doshk. vosp. 39 no. 2: 22 F '66.

Continuity in physical education. L. Pustynnikova. Doshk. vosp. 39 no. 2: 23-24 F '66.

Development of motor functions in young girls (11-18 years old) depending on their training schedule. A. G. Mar'ev. Teor. i prak. fiz. kul't. 29 no. 3: 13-17 Mr '66.

Elementary training of the 12-15-year-old adolescents in ski jumps from the springboard. V. K. Nasimovich. Teor. i prak. fiz. kul't. 29 no. 2: 21-24 F '66.

Physical exercises. T. Osokina. Doshk. vosp. 39 no. 2: 22 F '66.

Physical training within the system of communist education. V. I. Akovlev. Doshk. vosp. 39 no. 2: 18-19 F '66.

Selection for the children's section of sports gymnastics. E. U. Rozin. Teor. i prak. fiz. kul't. 29 no. 3: 52-54 Mr '66.

PHYSICAL EDUCATION FOR CHILDREN—TEACHER TRAINING

Student training in physical education. V. Vel'makina. Doshk. vosp. 39 no. 2: 24-27 F '66.

PHYSICAL EDUCATION FOR THE AGED

Aprin, V. E. [Physical education for the middle-aged and elderly] Fizkul'tura dlia srednego i pozhilogo vozrasta. Moskva, Meditsina, 1966. 38 p. (Nauchno-popul'naya meditsinskaya literatura) (DNLM)

PHYSICAL GEOGRAPHY see subdivision under Bashkiria; Kotominets Lake region; Russia, Northwestern, Severnaya Zemlya; Tills region; Veltkoye Lake region (Kalinin Province); Yakutia

PHYSICAL GEOGRAPHY—RESEARCH

Use of methods of mathematical statistics in physical geography. D. L. Armand, E. A. Dmitriev. Izv. Vses. geog. ob-va. 98 no. 1: 45-47 Ja-F '66.

PHYSICAL MEASUREMENTS

The role of measurement in physical theories. O. A. Mel'nikov. Vop. filoz. 20 no. 3: 82-86 '66.

PHYSICAL OPTICS see Optics, Physical

PHYSICAL THERAPY

Experience in organizing physical therapy in rural areas. F. G. Grigor'ev. Sov. med. 27 no. 5: 73-74 My '64.

PHYSICALLY HANDICAPPED CHILDREN—REHABILITATION

Physical education of students with health defects. A. A. Askarov. Teor. i prak. fiz. kul't. 29 no. 3: 77-78 Mr '66.

PHYSICIANS

Organize physicians' work on scientific principles. M. Roitman. Sots. trud. 11 no. 3: 65-67 Mr '66.

PHYSICS

The role of measurement in physical theories. O. A. Mel'nikov. Vop. filoz. 20 no. 3: 82-86 '66.

PHYSICS—ABSTRACTS

[Physics] Ref. zhur. i. Fiz. no. 2-3 F-Mr '66.

PHYSICS—CONGRESSES

Second International Conference on Plasma Physics and Controlled Thermonuclear Reactions. E. I. Kuznetsov. Atom. energ. 20 no. 2: 174-178 F '66.

Session of the Department of General and Applied Physics of the Academy of Sciences of the U. S. S. R. V. F. Semenov. Atom. energ. 20 no. 2: 172-174 F '66.

PHYSICS—METHODOLOGY

Axiomatic method in physics. M. B. Vil'nikskii. Vop. filoz. 20 no. 3: 71-81 '66.

PHYSICS—PHILOSOPHY

Melikhin, S. T. [Philosophical problems of modern physics] Filosofskie problemy sovremennoi fiziki. Moskva, Znanie, 1966. 44 p. (Novoe v zhizni, nauke, tekhnike. II Seriya: Filosofiya, no. 5)

Problem of symmetry of structures in the "Deutsche Zeitschrift fuer Philosophie." A. I. A. Raibekas. Vop. filoz. 20 no. 3: 148-153 '66.

V. I. Lenin's criticism of the Machist interpretation of the descriptive method in physics theory. M. M. Rozhenko. Filoz. probl. such. pyrod. no. 4: 74-79 '65.

PHYSICS—PROBLEMS, EXERCISES, ETC.

Collection of problems and exercises for a course in theoretical physics in pedagogical institutes. T. M. Lavrova. Uch. zap. Kal. gos. ped. ins. 33: 27-60 '63.

PHYSICS—RESEARCH

(see also subdivision under Denmark)

Kaplas, P. L. [Theory, experiment, practice] Teoriya, eksperiment, praktika. Moskva, Izd-vo "Znanie," 1966. 46 p. (Novoe v zhizni, nauke, tekhnike. IX Seriya: Fizika, matematika, astronomiya, no. 5)

PHYSICS—STUDY AND TEACHING

Future physicists get acquainted with the problems of physics. I. U. P. Avotin. Vest. vys. shkoly 24 no. 2: 58-60 F '66.

PHYSIOLOGICAL APPARATUS

Device for studying visual after images. M. A. Pivovarov. Fiziol. zhur. 52 no. 1: 110-111 Ja '66.

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGY

Akademika nauk URSS, Kiev. [Adaptive characteristics of the circulatory and other organic systems in mammals and birds] Adaptivnye osobennosti krovosnableniya i drugih sistem organov u mlekopitavushchikh i ptits Kiev, Naukova dumka, 1965. 120 p. (Respublikanskiy mezhdunarodnyy sbornik. Seriya "Problemy zoologii")

Changes in the temperature, electric potentials and tissue respiration in wounds of the soft tissues. I. T. Sitokach. Klin. khir. no. 6: 33-35 '65.

Komarov, F. I., L. V. Zakharov, and V. A. Lisovskii. [Diurnal rhythm of physiological functions in healthy and sick persons] Sutocnyi ritm fiziologicheskikh funktsii u zdorovogo i bol'nogo cheloveka. [Leningrad] Meditsina, 1966. 199 p.

Science of physiology facing new important tasks. O. I. Makachenko. Fiziol. zhur. [Ukr.] 12 no. 1: 3-11 Ja '66.

Zimkin, N. V. [Human physiology] Fiziologiya cheloveka. 3. Izd. Moskva, Fizkul'tura i sport, 1964. 590 p. (DNLM)

PHYSIOLOGY—CONGRESSES

Physiological congress in Tokyo. P. G. Kostluk. Vest. AN SSSR 36 no. 2: 120-122 F '66.

PHYTOGEOGRAPHY

(see also subdivision under Caucasus; Kirghizstan; Maritime Territory; Sayan Mountains, Soviet Central Asia; Soviet Far East)

Akademika nauk SSSR. Botanicheskii institut. [Trees and shrubs of the U. S. S. R.] Deyev'ia i kushnarniki SSSR. Moskva, Nauka.

Vol. 7. S. I. A. Sokolov and O. A. Svinazova. [Geography of the woody plants of the U. S. S. R.] Geografika drevnykh rastenii SSSR. 1963. 203 p.

PHYTONCIDES—CONGRESSES

Fifth Conference on Phytoncides. A. A. Chagovetsnaia. Vest. LGU 21 no. 3: 172-173 '66.

PHYTOPATHOGENIC BACTERIA see Bacteria, Mytopathogenic

PHYTOPHTHORA—CULTURES AND CULTURE MEDIA

Growth inhibition of the fungus Phytophthora infestans De Bary by the treatment of sporangia (conidia) with the concentrated solutions of phosphate or sodium fluoride. A. M. Maikov, C. M. Mikhuk, E. P. Markhel. Fiziol. biokhim. i mikrobiol. 2 no. 1: 83-86 Ja-F '66.

PIANISTS

Impressions and suggestions. B. Moranta. Sov. muz. 30 no. 3: 71-73 Mr '66.

PICENE—SPECTRA

Quasi-line spectra of picene. G. V. Talitskii, M. K. Charkviad. Dokl. AN SSSR 187 no. 139-143 Mr '66.

PICRIC ACID

Chemical heat of solution of picric acid in acetone and methyl alcohol and of sodium picrate in methyl alcohol. L. P. Zhilina, K. P. Mikhchenko. Trudy L'vovsk. univ. 10: 154-157 '65.

Extraction-photometric method of determining microgram quantities of picric acid in analytical blue picrates. N. Ganchev, A. Shishkov, A. Dmitrova. Zhur. anal. khim. 21 no. 2: 217-220 '66.

PIGMENTS see subdivision under Maritime Territory

PIKE see subdivision under Gorkly Reservoir

PIKE PERCH

Expediency of building specialized pike perch farms. D. P. Karpenko, R. I. A. Kosyeva. Ryb. khoz. 42 no. 2: 21-22 '66.

PILGRIMS AND PILGRIMAGES

Letter from a pilgrim. A. Klimashin. Zhur. Mosk. Patr. no. 3: 19-21 '66.

PILING (CIVIL ENGINEERING)

Large-diameter cast-in-place piles used in the construction of the Berezovskaya State Regional Electric Power Plant. L. L. Rogachevskii, V. B. Kheifets, E. A. Iukolson. Energ. stroi. no. 7: 6-11 '65.

Phenomena taking place in clay soils during pile driving and rest and their effect on the increased resistance of friction piles in time. G. F. Novozhilov. Sbor. trud. LITZT no. 23: 45-70 '65.

Pile foundations in thermal power construction. E. I. A. Dragunov, V. E. Chernikov. Energ. stroi. no. 7: 6-11 '65.

PILING (CIVIL ENGINEERING)—EQUIPMENT AND SUPPLIES

Piling capacity of diesel powered bent hammers. S.I. Borodavchenko. Stroitel. mash. 11 no. 3:20-20 Mr '66.

The S-960 pile driving equipment for the D-652A excavator. V.A. Guntin, N.I. Gavrilov. Stroitel. mash. 11 no. 3:7-8 Mr '66.

PENACOL

Transformations of pinacoles with substituted acetylene radicals. Part 2: Synthesis and transformations of 2,6,8-trimethyl-3-p-tolyl-4-heptyne-2,3-diol. V.I. Sarkova, L.A. Pavlova, E.D. Vinn-Danilova, Zhur. khim. 38 no. 2:206-210 F '66.

PINE

(See also subdivision under Soviet Far East; Ussika Valley, Krasnoyarsk Territory)

Diterpene hydrocarbons of oleoresin from Pinus sibirica. R. Mayr. V.A. Pentegova, N.K. Kashanova. Khim. prirod. soed. no. 3:223-224 '65.

Sucking power of plant roots in pine stands. B.I. Iakushev. Dokl. AN BSSR. no. 2:108-110 F '66.

Treating pine seeds with a complex of activating agents. V.I. Mosin. Vest sel'khoz. nauk [Kazakh] 9 no. 2:93-100 F '66.

Use of gibberellin as a growth stimulant for the seedlings of Siberian pine. V.D. Rozhchina. Izv. vyz. ucheb. zav. i les. zhur. 8 no. 6:165-168 '65.

PINEAPPLE

Harvesting of pineapple. IU, M. Pivovakht. Zap. Priroda. Kh. Geog. ob-vn SSSR. no. 1:171-172 '65.

PINK SALMON

(See also subdivision under Iturup Island region)

Development of sexual glands in young humpback salmon during the river period of its life. G.M. Pervov. Mat. ybiokhoz. issl. Sev. has. no. 5:128-138 '65.

PINKS

Study of the leaf epidermis in representatives of the tribe Diantheae of the family Caryophyllaceae. Z.I. Gvinladze. Zam. po slat. i goog. inst. no. 25: 65-68 '65.

PINS AND NEEDLES

See subdivision under Moscow

PIONEERS (COMMUNIST YOUTH)

Leaders of the Communist Party and the Soviet state in the first Pioneer periodicals of Russia. M.I. Aleksieva. Vest. Mosk. un. Ser. 7: Filol., zhur. 20 no. 5:68-77 N-D '65.

Rychagov, Aleksandar, ed. [This is how Pioneers work; articles and essays] Tak robat' pioniery; artykuly i narysy. Minsk, Dzharnzh. vychovno-pedagog. vyd-va M-vn asoviy BSSR, 1962. 67 p.

(NN)

[To raise a man, A.S. Makarenko's pedagogical system for Pioneer leaders] Chitoby 100 chelovek, pedagogicheskaya sistema A.S. Makarenko — vozintomu, [Moskva] Molodai gvardiya, 1960. 287 p. (Dla tekha, kto rabotael s pionerami)

PIPE

Boundary effect for a finite pipe subjected to pressure. M.S. Shun, S.F. Meshchakov. Samoletostr. i tekha. vozd. flota no. 3:36-40 '65.

Calculating changes in shape of thin walled pipes. L.V. Bubnova. Izv. vyz. ucheb. zav. mashinostr. no. 11:130-142 '65.

Mandelberg, V.N., and others. [Steel and cast iron pipes and cylinders; a handbook] Truby stal'nyo, chugunnye i baltiony, spravochnik. Pod red. E.A. Ivanovicha. Moskva, Metallurgiya, 1966. 371 p.

PIPE—CLEANING

Medallists of the Exhibition of Achievements of the National Economy of the U.S.S.R. M. Doktorov, P. Sol'nikov. Ekon. i zhizn' 8 no. 2:85 F '66.

PIPE—DRYING

Equipment for drying pipes with a diameter of 273-377mm. L.A. Bulanski. Stroitel. truboprov. 10 no. 5:28-29 My '65.

PIPE—FLUID DYNAMICS

Integral method for evaluating equivalent roughness. V.V. Karmov. Gaz. prom. 11 no. 2:29-32 '65.

PIPE—HYDRODYNAMICS

Complex heat transfer in the turbulent flow of the radiant medium in a pipe in the area of hydrodynamic stabilization. IU, L. Sherstik. Stroitel. truboprov. 10 no. 2:40-45 '65.

Effect of friction forces on the stability of a pipe with flowing fluid. A.S. Krasnikov, A.B. Rotman. Samoletostr. i tekha, vozd. flota no. 3:44-47 '65.

Hydraulic resistance and convective heat transfer under conditions of the turbulent flow of incompressible media in a pipe in the area of hydrodynamic stabilization. IU, L. Sherstik. Trudy MVTU no. 224:51-59 '65.

Investigating a two-component flow of a completely viscous medium in a flat pipe of finite and infinite length. M.P. Nazari. Izv. AN Uz. SSR. Ser. tekhn. nauk 10 no. 1:28-34 '66.

PIPE—WELDING

Theory and calculation of the process of machining the internal surface of welded pipes in the area of electric welding with a vibrating striker. V.M. Savitschenko. Izv. vyz. ucheb. zav. mashinostr. no. 11:157-161 '63.

Welding and insulating large pipes at a mechanized working area. A.T. Vdovin. Stroitel. truboprov. 10 no. 5:18-19 My '65.

Welding of flat-oval radiator pipes with radio frequency currents. IU, M. Matveev and others. Stal' 26 no. 3:245-248 Mr '66.

PIPE, ASBESTOS-CEMENT

Manufacturing asbestos-cement pipes by the autoclave method. I.Z. Volchek and others. Stroitel. mat. 12 no. 3:19-20 Mr '66.

PIPE, CAST IRON

Calculating the rate of mold rotation in iron pipe casting. V.G. Shilan. Lit. proizv. no. 2:1-2 F '66.

PIPE, CLAY

Conveyor for the forming, drying, and glazing of pipe. M.S. Belopol'skiy, N.N. Fantalov. Stekl. i ker. 23 no. 3:24-26 Mr '66.

PIPE, CONCRETE

(See also subdivision under Ural Mountain region)

Drainage system of porous concrete pipes without rubble-gravel filters. B. Kleshov. Gidrot. mel. 18 no. 1:34-42 Ja '65.

Pipe making from reinforced concrete. N.E. Ponomareva, V.S. Sigalov. Energ. stroit. no. 44:87-91 '64.

Small-diameter pressure pipes of self-stressed reinforced concrete. S.L. Litver, S.A. Popova. Stroitel. truboprov. no. 12:12-11 D '65.

PIPE, CONCRETE—CONGRESSES

All-Union Conference on the Technology of Preparing Reinforced Concrete Pipes. L.A. Lazarevich. Bet. i zhel.-bet. 11 no. 3:47-48 Mr '65.

PIPE, PLASTIC

Characteristics of the outside calibration of pipes made from high-density polyethylene. V.N. Rabinchenkov and others. Plast. massy no. 3:38-41 '66.

Effect of the pressing process on physico-mechanical properties of glass-reinforced plastic pipes. N.T. Bukhtiarov, G.G. Nosov. Sbor. trud. MVTU no. 4:93-98 '64.

Perforation of plastic drainpipes. A.I. Klimko, V.M. Passinskiy. Gidrot. mel. 18 no. 3:35-40 Mr '66.

Pipes made of plastic materials. G.L. Genkin. Stroitel. truboprov. no. 12:32-33 D '65.

Technology of building plastic pipe drainage systems using the MED-O machine. E. Bogatov, Tekh. v sel'khoz. 26 no. 3:33-35 Mr '66.

PIPE, PLASTIC—TESTING

Strength of polyethylene pipes in multiple-component aggressive media. L.P. Vinodimov and others. Plast. massy no. 3:77-78 '66.

PIPE, STEEL

Slot punching in pipes with a wall thickness of 1.5 - 6 mm. I.A. Movshovich, N.V. Shepel'skiy. Kuz.-shtam. proizv. 8 no. 2:18-10 F '66.

Use of continuous sectional furnaces for the heating of pipes of various cross sections. V.P. Kozinets, V.M. Markевич. Stal' 26 no. 2:170-183 F '66.

PIPE, STEEL—TESTING

Laboratory tests of flamed pipes from 12KhMF steel. E.M. Lapteva, E.D. Survyatova. Energomashinostroenie 12 no. 2:35-37 F '66.

Stability of the structure and properties of pipe in 12KhMF steel. V.F. Zlepko, L.I. Fedotova. Metalloved. i term. obr. met. no. 3:54-55 Mr '66.

PIPE, STEEL—WELDING

Adopting the production of 1020 hot-rolled welded gas pipe. E.V. Voler, N.P. Pokrovskiy, V.N. Pokrovskiy. Metallurg 11 no. 3:29-31 Mr '66.

Automatic welding in carbon dioxide of nonrotating butt welds in pipe of low-carbon steel. A.I. Kulov, G.G. Chornyshov, V.V. Spitsyn. Svar. proizv. no. 3:32-34 Mr '66.

Calculating the resistance of a welding circuit in radio-frequency welding. IU, N. Skachko. Avtom. svar. 10 no. 2:36-40 F '66.

Calculation and design of vibration devices for the elimination of internal burrs in electrically welded pipe. V.M. Savitschenko, IU, G. Proskurnikov. Stal' 26 no. 2:163-167 F '66.

Electrically welded pipe made from 10 and 20 carbon steel for chemical machinery manufacturing. M.M. Kravtsov, L.L. Kravchenko. Khim. i nef. mashinostr. no. 1:34-37 Ja '66.

Helically welded stainless steel pipe. S. Nettershtedt. Stal' 26 no. 3:281 Mr '66.

Improved technology for the heat treatment of welded joints in pipes used in the petroleum industry. Z.G. Napetvaridze. Svar. proizv. no. 3:34-36 Mr '66.

Potentialities for increasing the production of electrically welded, large-diameter pipe. G.Z. Tartakovskiy, A.M. Gaiagulla. Metallurg 11 no. 2:28-30 F '66.

Resistance butt welding of connection ends to high-strength drill pipe. S.A. Guseinov and others. Svar. proizv. no. 4:24-26 Ap '66.

Welding the Kh8VT steel pipe and the Kh8VL steel pipe with cast fittings using coated electrodes. E.V. Bush, A.P. Rakhovskaya. Svar. proizv. no. 4:20-29 Ap '66.

PIPE BENDING

Automation of an induction heating process in bending pipes from 20 and 12KhMF steel. V.D. Martynov and others. Energomashinostroenie 12 no. 2:31-32 F '66.

Bending pipes with longitudinal seam during the preparation of interior gas separation. V. Besedin. Stroitel. truboprov. no. 12:28 D '65.

PIPE CUTTING

Stand for cutting pipes. Stroitel. truboprov. 10 no. 5:25-26 My '65.

PIPE INDUSTRY—AUDITING AND INSPECTION

See subdivision under Dnieper Valley

PIPE JOINTS

Kinematics of a machine for the T-shaped joining of pipe. A.A. Shuragin. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 10:129-138 '65.

PIPE JOINTS—TESTING

Testing the strength of thermally processed welded pipe joints operating under high temperatures and pressures of hydrogen. M.B. Avellan. Khim. i nef. mashinostr. no. 1:37-41 Ja '66.

PIPE MILLS

Reduced grooves on the automatic 400 mill. P.A. Tseletskiy and others. Metallurg 11 no. 2:27-28 F '66.

Reduction of the pulling force, and determination of technological parameters for the tube drawing process with ultrasonic vibrations of the draw plate. V.V. Nosov, O.M. Rymsha. Stal' 26 no. 2:159-162 F '66.

Some regularities in the process of expanding pipes on a pipe expander. V.V. Savrasov. Samoletostr. i tekha. vozd. flota no. 4:118-122 '65.

Tube wrinkling during roll expansion. K.F. Shevakin, V.S. Shatkevich, F.S. Sedulayev. Izv. vyz. ucheb. zav. i chern. met. 9 no. 3:111-116 '66.

PIPE MILLS—COST OF OPERATION

Efficient location of pipe mills. A.A. Iakhind. Stal' 26 no. 3:267-269 Mr '66.

PIPE MILLS—DESIGN AND CONSTRUCTION

Modernizing the bearings of universal hinged spindles. I.A. Utin, I.P. Goncharov. Metallurg 11 no. 2:30-32 F '66.

PIPE MILLS—EQUIPMENT AND SUPPLIES

Use of secondary power resources at the "Savarskiy" Metallurgical Works. I.P. Kovryalov, A.V. Demidovich. Stal' 26 no. 3:283-284 Mr '66.

PIPELAYING MACHINERY

Mole method of laying polyethylene bridge pipes. N.S. Anokhin. Torf. prom. 43 no. 2:10-12 '66.

PIPE LINE TRANSPORTATION OF SOLIDS

Acceleration of solid particles of variable mass by a gas stream in a cylindrical tube. V.E. Davidenko. Gidromekhanika 1 no. 2:58-60 '65.

PIPELINES

Approximate method of determining the relationship between suction pressure and the time after the pumping station has been shut down. E.V. Vlaznov. Transp. i khran. nef. i nefteprod. no. 2:14-16 '66.

Basic technological features of the design of an automated installation at a filling point of the eastern pipeline. V.F. Kuprianov. Transp. i khran. nef. i nefteprod. no. 2:20-23 '66.

Carrying out insulating and laying operations under evening and night conditions. A.O. Lev. Stroitel. truboprov. 10 no. 5:22-23 My '65.

Conditions for successfully fulfilling the decisions of the Plenum. Stroitel. truboprov. no. 12:1-2 D '65.

Determining the longitudinal movement of an underground pipeline. P.P. Borodavkin, O.B. Shchadrin. Stroitel. truboprov. 10 no. 5:11-14 My '65.

Effect of air on the operation of a system of centrifugal pumps and pipelines, an experimental study. V.I. Vodolazskiy. Nauch. trudy KHMT no. 60:41-58 '62.

Increase the pace of the pipe insulating and laying column. A.I. Kirillov. Stroitel. truboprov. 10 no. 5:33 My '65.

Increase in pressure in the lower sections of a pipeline in consecutive pumping. IU, V. Krylov, E.M. Bleikher, V.I. Cheratkin. Transp. i khran. nef. i nefteprod. no. 2:3-8 '66.

Preventing the sticking of pipes in soils. Stroitel. truboprov. no. 12:32 D '65.

PLANTS—METABOLISM

Study of the role of bioclectric potentials in transporting substances in plants by the shunting method. V. A. Optikov, E. A. Zhuravskaya, Biotsika 9 no. 3:337-342 '64.

Tartaric acid metabolism in higher plants. A. N. Pan-telev, L. N. Khusheva. Vest. LGU 21 no. 3:123-129 '65.

PLANTS—RESPIRATION

Methods of determining the respiration rate of young growth in a forest. A. N. Lakshina. Bot. zhur. 51 no. 1:83-92 Ja '66.

Utilization of acids of primary oxidation of sugars by the soluble fraction of cytoplasm in plant cells. S. V. Soldatenkov, E. A. Vainshtein. Vest. LGU 21 no. 3:113-122 '66.

PLANTS—SOILLESS CULTURE see Hydroponics

PLANTS, CULTIVATED

[Plant culture] Ref. zhur.: Rast. no. 2 F '66.

PLANTS, EFFECT OF ACIDS ON

Utilization of acids of primary oxidation of sugars by the soluble fraction of cytoplasm in plant cells. S. V. Soldatenkov, E. A. Vainshtein. Vest. LGU 21 no. 3:113-122 '66.

PLANTS, EFFECT OF CALCIUM ON

Accumulation of radiostrontium by freshwater plants as related to various calcium concentrations in the water. N. A. Timofeeva. Trudy Inst. biol. UFAN SSSR no. 45: 41-46 '65.

PLANTS, EFFECT OF CESIUM ON

Cesium accumulation by freshwater plants. V. I. Ivanov, E. A. Timofeeva-Rosovskaya, N. V. Timofeev-Rosovskii. Trudy Inst. biol. UFAN SSSR no. 45:33-40 '65.

PLANTS, EFFECT OF CHLORINE ON

Effect of chlorine on the photosynthetic apparatus of sugar beets. M. N. Goncharik, S. A. Mikhail'skaya. Agrokhimia no. 3:103-110 Mr '66.

PLANTS, EFFECT OF ELECTRICITY ON

Effect of an ultrahigh-frequency electric field, a growth promoting substance of petroleum origin and indole-acetic acid on the rooting of the green cuttings of common lilac (*Syringa vulgaris* L.). L. E. Syrovatko. Izv. vys. ucheb. zav., les. zhur. 5 no. 6:20-21 '65.

Electric stratification of grape cuttings. L. V. Kolesnik, G. M. Fedorishchenko, N. L. Fedorenko. Elek. obr. mat. no. 1:74-77 '65.

PLANTS, EFFECT OF GAMMA RAYS ON

Changes in the growth and leaf formation of barley following γ -irradiation of seeds. V. N. Savin, A. A. Shutov. Radiobiologiya 6 no. 1:131-133 '66.

Changes in the starch properties of potatoes subjected to Co^{60} gamma rays. I. N. Putikova and others. Prikl. biokhim. i mikrobiol. 2 no. 2:133-138 Mr-Apr '66.

Cytological injuries of apple radicles following irradiation of its seeds. L. V. Driagina, I. M. Kalinichenko, V. G. Lezhkina. Radiobiologiya 6 no. 1:134-139 '66.

Obtaining hereditary changes in potato by means of gamma rays. I. M. Ashina, E. V. Khisanova. Genetika no. 1:53-58 Ja '66.

PLANTS, EFFECT OF LIGHT ON

Light reaction of the transformation of xanthophylls in a homogenate. D. I. Sapozhnikov, D. Tolibekov, L. R. Kolesova. Dokl. AN Tadzh. SSR 9 no. 1:44-46 '66.

PLANTS, EFFECT OF MANGANESE ON

Action of manganese fertilizers on the development of the plant and the structure of crops. M. M. Mazanova. Khim. v sel'. khoz. 4 no. 3:6-12 Mr '66.

PLANTS, EFFECT OF MINERALS ON

Effect of mineral fertilization on the productivity of sugar beets in Tselinograd Province. L. G. Dobrunov, K. T. Vershinina. Izv. AN Kazakh. SSR. Ser. biol. nauk 4 no. 1: 35-41 Ja-F '66.

PLANTS, EFFECT OF MOISTURE ON

Anatomical structure of the primary root system of rice. L. A. Vorontsov. Vest. sel'khoz. nauki 10 no. 7:91-92 Ji '66.

PLANTS, EFFECT OF MOLYBDENUM ON

Effect of molybdenum on the biochemical processes in plants and on the quality of plant production. N. S. Avdonin, L. P. Arcus. Agrokhimia no. 3:70-79 Mr '66.

PLANTS, EFFECT OF NEUTRONS ON

Effect of fast neutrons on the DNA synthesis in seedlings. V. I. Tokarskaya, A. M. Kuzin. Radiobiologiya 6 no. 1: 3-8 '66.

PLANTS, EFFECT OF NITROGEN ON

Effect of spring nitrogen fertilization of winter wheat on crop quality and the content of nitrogen substances in plants. B. P. Pleshkov, E. Savitskaya, S. S. Chalanova. Izv. AN SSSR. Ser. biol. no. 2:318-322 Mr-Apr '66.

PLANTS, EFFECT OF PHOSPHATES ON

Methods for using superphosphate for peas in gray forest soils of the Udmurt A.S.S.R. E. I. Baranov. Khim. v sel'. khoz. 1 no. 3:20-21 Mi '66.

PLANTS, EFFECT OF PHOSPHORUS ON

Absorption of phosphoric acid by young winter wheat plants from various fertilizers. N. A. Arzybov. Khim. v sel'. khoz. 4 no. 3:25-27 Mr '66.

Characteristics of the absorption and distribution of labeled phosphorus in fruit and berry plants during winter. A. S. Ravkin. Vest. sel'khoz. nauki 10 no. 6: 22-26 Je '65.

Comparative study of the uptake of superphosphate and phosphite phosphorus by fodder beets with the help of P^{32} . S. N. Ivanov, L. V. Kruglov. Dokl. AN BSSR 10 no. 1:50-52 Ja '66.

Effect of nutrition conditions on the content of phosphorus compounds in cotton. I. Sh. Shamiev. Izv. AN Azerb. SSR. Ser. biol. nauk no. 5:62-71 '65.

Phosphorus uptake by potato plant as related to the method of fertilization. B. A. Kal'ko. Dokl. AN BSSR 10 no. 2:117-119 F '66.

Role of root excretions in phosphorus nutrition of corn, forage beets, and soybeans in mixed growing. P. A. Vlasov, M. A. Sadullaev. Agrokhimia no. 3:17-25 Mr '66.

Use of P^{32} for studying the uptake of superphosphate phosphorus by potato plants fertilized by different methods. S. N. Ivanov, G. V. Vasiluk. Dokl. AN BSSR 10 no. 2:111-114 F '66.

PLANTS, EFFECT OF RADIATION ON

Analysis of the initial radiation effect on chromosomes. B. N. Sidorov, N. N. Sokolov, I. U. Demin. Radiobiologiya 6 no. 1:84-87 '66.

Effect of gamma rays on the generative process in wheat. S. V. Shkurenko, O. Baidulov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 2:11-15 F '66.

Fertilizing level and the effectiveness of treating bean seeds with ionizing radiation. A. A. Shutov. Vest. sel'khoz. nauki 10 no. 7:130-131 Ji '65.

Ol'khov, O. A. [Atoms and the life of plants] Atomizatsiya. Moscow, Kolos, 1965. 78 p.

PLANTS, EFFECT OF RADIOISOTOPES ON

Accumulation of some radioisotopes by freshwater plants in reservoirs with slow circulation. V. I. Ivanov. Trudy Inst. biol. UFAN SSSR no. 45:63-66 '65.

PLANTS, EFFECT OF SOIL MOISTURE ON

Effect of various degrees of soil moisture on the physiological indices and productivity of corn at different levels of mineral nutrition. G. M. Titov, E. I. Gerasov, S. Erimbetov. Vest. sel'khoz. nauki [Kazakh.] 9 no. 2: 20-26 F '66.

PLANTS, EFFECT OF STRONTIUM ISOTOPES ON

Accumulation of radiostrontium by freshwater plants as related to various calcium concentrations in the water. N. A. Timofeeva. Trudy Inst. biol. UFAN SSSR no. 45: 41-46 '65.

PLANTS, EFFECT OF TARTARIC ACID ON

Tartaric acid metabolism in higher plants. A. N. Pan-telev, L. N. Khusheva. Vest. LGU 21 no. 3:123-129 '65.

PLANTS, EFFECT OF TEMPERATURE ON

Photosynthetic coefficient of *Chlorella* at various temperatures. M. V. Chulanovskaya. Bot. zhur. 51 no. 1:135-138 Ja '66.

PLANTS, EFFECT OF TRACE ELEMENTS ON

Accumulation of rare and dispersed elements by plants. V. I. Sokolova, M. D. Iatsuk. Ukr. bot. zhur. 22 no. 1: 14-16 '65.

Trace elements for the fruit and berry crops of the Maritime Territory. V. G. Fedorai. Zap. Primor. fil. Geog. ob-va SSSR no. 1:166-187 '65.

PLANTS, EFFECT OF WIND ON see subdivision under Crimea

PLANTS, EFFECT OF X RAYS ON

Antiradiation effect of inert gases and low molecular narcotics. Report No. 8: Protective effect of lower molecular alcohols following X-ray irradiation of bean seedlings. V. P. Paribok, E. I. Genter. Radiobiologiya 6 no. 1:87-100 '66.

Effect of X-ray irradiation on the yield and chemical composition of potatoes. V. A. Avakian and others. Radiobiologiya 6 no. 1:128-130 '66.

Reversed developmental order of corymbs in irradiated colonies of the duckweed *Lemna minor*. V. B. Kostnov. Dokl. AN SSSR 167 no. 1:201-204 Mr '66.

PLANTS, FLOWERING OF

Significance of the characteristics of flowering of *Rhododendron ponticum* L. and *Rhododendron caucasicum* Pall. in determining their origin. V. Z. Gillsashvili. Biol. MOIP. Old. biol. 71 no. 1:136-137 Ja-F '66.

Some adaptations to anemophily in Gramineae. A. N. Ponomarev. Bot. zhur. 51 no. 1:26-30 Ja '66.

PLANTS, ORNAMENTAL see subdivision under Akhazia

PLANTS, PROTECTION OF

Use of ultraviolet radiation in plant protection. M. I. Zhigal'seva, S. M. Chernobrovina. Elek. obr. mat. no. 1:78-81 '65.

PLANTS, PROTECTION OF—BIBLIOGRAPHY see subdivision under Azerbaijan

PLANTS, RADIOACTIVE SUBSTANCES IN

Absorption and isolation of phosphorus, cobalt, strontium, ruthenium, cesium, and cesium isotopes by peas and wheat. N. A. Poidakova, S. V. Agafonova. Trudy Inst. biol. UFAN SSSR no. 45:115-119 '65.

Accumulation of strontium, yttrium and cerium radioisotopes by filamentous algae in the presence of EDTA and dissolved organic substance. N. N. Khimelova, G. M. Lavrent'eva. Radiobiologiya 6 no. 1:117-121 '66.

Distribution of Fe^{59} , Co^{60} , Zn^{65} , Sr^{90} , Ru^{106} , Cs^{137} , Ce^{144} in the components of biogeocenosis. G. I. Makhomina and others. Trudy Inst. biol. UFAN SSSR no. 45:121-125 '65.

Effect of fertilizers on the yield and radioactivity level of plants in an alpine meadow. V. L. Ananien. Agrokhimia no. 3:121-126 Mr '66.

Effect of grasses on the horizontal migration of cobalt, strontium, ruthenium, and cesium isotopes. N. A. Poidakova, S. V. Agafonova. Trudy Inst. biol. UFAN SSSR no. 15:107-114 '65.

Effect of soil formation minerals on the uptake of strontium-90 by plants. I. V. Gulakina, E. V. Udintseva, E. M. Lavina. Agrokhimia no. 3:111-120 Mr '66.

PLANTS, WATER IN

Characteristics of moisture distribution in the trunks of oriental spruce as related to the conditions of its place of growth. E. D. Lobzhanidze, L. A. Gotsiridze. Soob. AN Gruz. SSR 11 no. 1:151-156 Ja '66.

PLASMA (IONIZED GASES)

Acceleration of a plasma jet in a heavy-current accelerator with eroding electrodes. P. M. Kolesnikov. Samoletost. i tekhn. vozdu. flota no. 3:30-35 '65.

Acceleration of a plasma jet in a coaxial accelerator with eroding electrodes. P. M. Kolesnikov. Zhur. tekhn. fiz. 36 no. 1:80-84 Ja '66.

Akademii nauk URSS, Kiev. [Interaction between charged particle beams and a plasma] Vzmudovleniye puchkov zaryazhennykh chastitsa plazmy. Kiev [Naukova dumka] 1965. 273 p. (Respublikanskiy nauchno-dokladnyy sbornik. Fizika plazmy i problemy upravleniya termoyadernogo sinteza)

Breakup of a helium plasma in a spherical balloon. A. I. Anisimov, V. N. Budnikov, N. I. Vinogradov. Zhur. tekhn. fiz. 36 no. 11:2028-2033 N '65.

Characteristics of an electromagnetic field in an inhomogeneous magnetoelectric plasma. V. V. Dolgoplov. Zhur. tekhn. fiz. 36 no. 2:273-270 F '66.

Cherenkov radiation of a plasma jet. P. M. Kolesnikov. Samoletost. i tekhn. vozdu. flota no. 1:45-48 '65.

Convective effects in a plasma containing beams. A. B. Mikhailovskii. Atom. energ. 20 no. 2:103-106 F '66.

Determining the density distribution in a plasma from the refraction of a microwaves beam. A. A. Dushin and others. Zhur. tekhn. fiz. 36 no. 2:304-312 F '66.

Diffusion and life of free electrons and ions in low-temperature plasma in a homogeneous magnetic field. V. L. Granovskii. Radiotekhn. i elektron. 11 no. 3:371-408 Mr '66.

Distribution of concentration along the cross section in an unbalanced bounded plasma. K. N. Ufianov. Mag. gtdr. no. 4:45-40 '65.

Effect of a high-frequency field on transverse waves in a magnetoelectric plasma. A. G. Litvak. Mag. gtdr. no. 4: 31-34 '65.

Effect of a radial electrical field on the magneto-mechanical effect in unbalance plasma. E. I. Urzakov. Radiotekhn. i elektron. 11 no. 3:550-553 Mr '66.

Effect of the finite electroconductivity of the casing on the equilibrium of a plasma column in a "Tokamak" unit. A. E. Bazhanov, V. S. Strolkov, V. D. Sharfanov. Atom. energ. 20 no. 2:146-148 F '66.

Effective method for difference frequency generation using a nonlinear medium. A. M. Fedorchenko. Radiotekhn. i elektron. 11 no. 4:693-698 Ap '66.

Electromagnetic radiation from a plasma penetrated by an electron beam in a magnetic field. V. E. Golant and others. Zhur. tekhn. fiz. 36 no. 11:2034-2041 N '65.

Electromagnetic wave propagation in a plasma situated in a linear d.c. magnetic field. I. A. Ashin. Zhur. tekhn. fiz. 36 no. 1:13-24 Ja '66.

Energy extraction from the plasma of a thermionic converter compensated for by the diffusion of excited atoms and resonance radiation. F. G. Bakshi, B. I. Molzhes, V. I. Nemchinskii. Zhur. tekhn. fiz. 36 no. 2:324-330 F '66.

Forces determining the cohesion of plasma coatings with the base. A. P. Epik, S. I. Sharikov, E. A. Astakhov. Porosh. met. 6 no. 3:48-53 Mr '66.

Interaction between plane and surface electromagnetic waves in a plasma. I. R. Alanian. Zhur. tekhn. fiz. 36 no. 2:256-265 F '66.

PLASMA (IONIZED GASES) (Continued)

Kinetic theory of electromagnetic wave penetration through a plasma layer. Part 2. A. N. Kondratenko, V. I. Miroshnichenko. Zhur. tekhn. fiz. 36 no. 125-32 Ja '66.

Kinetic theory of the passage of electromagnetic waves through a thin inhomogeneous plasma layer. A. N. Kondratenko. Zhur. tekhn. fiz. 36 no. 2 398-401 F '66.

Location of moving plasmoids from a coaxial injector. S. D. Il'in and others. Zhur. tekhn. fiz. 36 no. 1 53-57 Ja '66.

Motion of charged particles in rotating and constant magnetic fields. I. R. Seldatenov. Zhur. tekhn. fiz. 36 no. 2 245-249 F '66.

Nonlinear theory of the dipole resonance of a plasmoid, and coherent plasma acceleration. A. A. Andronov. Zhur. tekhn. fiz. 36 no. 1106-108 Ja '66.

Passage of alternating current through a plasma vortex. V. V. Balyberdin, V. G. Papkovich. Mag. gidr. no. 1 24-26 '65.

Plasma atomizing of tungsten. A. N. Krasnov, Porosh. met. 6 no. 2 1-5 F '66.

Plasma probing by an electromagnetic field. I. U. N. Dnestrovskii, D. P. Kostomarov. Zhur. tekhn. fiz. 36 no. 1: 39-44 Ja '66.

Plasma research using the "Tuman" unit. V. E. Golant, M. G. Kagansht, V. A. Ovsstannikov. Zhur. tekhn. fiz. 36 no. 1 67-70 Ja '66.

Possibility of obtaining large spherical particles with a perpendicular feed of fine powder into a jet of plasma. S. I. Shariyker, A. N. Krasnov. Porosh. met. 6 no. 3: 1-6 Mr '66.

Prospects of the plasma-arc cutting of steel. K. V. Vasil'ev. Svar. prozv. no. 3:18-21 Mr '66.

Research at the Institute of Radio Engineering, session of the Department of General and Applied Physics. V. F. Semenov. Vest. AN SSSR 36 no. 1:138-144 Ja '66.

Some properties of a plasma condenser. K. S. Golovanovskii, V. A. Pogusian. Zhur. tekhn. fiz. 36 no. 2 297-303 F '66.

Speed of plasma deionization in a hollow cathode. V. G. Kartashev. Radiotekhn. i elektron. 11 no. 3, 571-573 Mr '66.

Spheroidization and high-frequency plasma discharge of an aluminum oxide powder. V. I. Lakomskii, G. A. Mel'nik. Porosh. met. 6 no. 2 5-9 F '66.

Stabilization of drift instability in traps with magnetic fields growing toward the boundary. A. A. Ivanov. Dokl. AN SSSR 166 no. 5 1084-1087 F '66.

Study of ionization phenomena in gases; conference in Belgrade. M. S. Rabinovich. Vest. AN SSSR 36 no. 2 112-114 F '66.

Study of processes behind a reflected shock wave in an electromagnetic shock tube. I. U. V. Makarov, A. M. Maksimov. Zhur. tekhn. fiz. 36 no. 2 280-293 F '66.

Studying the energy distribution of a hydrogen plasma from a coaxial source. I. M. Zolototrubov, A. B. Rastra-pin, I. P. Skoblik. Zhur. tekhn. fiz. 36 no. 1:111-118 Ja '66.

Studying the performance of a coaxial plasma source under start-up operating conditions. V. P. Goncharenko, N. T. Derepovskii, I. I. Konovalev. Zhur. tekhn. fiz. 36 no. 1: 85-88 Ja '66.

Theory of the stability of a current-carrying axisymmetric inhomogeneous plasma. E. E. Lovetskii. Zhur. tekhn. fiz. 36 no. 1 45-52 Ja '66.

Theory of the stability of an ion beam injected in a plasma across a magnetic field. A. B. Mikhailovskii, E. A. Pashitskii. Zhur. tekhn. fiz. 36 no. 11:180-191 N '66.

Use of neutral particles in activation analysis of a hot plasma. V. V. Afrosimov and others. Zhur. tekhn. fiz. 36 no. 1:89-101 Ja '66.

Use of open cylindrical resonators in studying a plasma. A. I. Arslanov and others. Zhur. tekhn. fiz. 36 no. 11: 2042-2051 N '66.

Use of rotary power accumulators in physical research. V. V. Kaplan, V. M. Nashatyr', Elektrichestvo no. 4, 79-84 Ap '66.

Use of the "Alpha" unit in studying plasma concentration by the method of probing with a fast atomic beam. V. V. Afrosimov and others. Zhur. tekhn. fiz. 36 no. 11:102-110 Ja '66.

Use of the ultrahigh-frequency method in studying the motion of a plasmoid. G. E. Markvardt. Mag. gidr. no. 4:27-30 '66.

PLASMA (IONIZED GASES)—ACOUSTIC PROPERTIES

Effect of the heating up of electrons on the acoustic instability of a plasma in an electric field. L. D. Tsendin. Zhur. tekhn. fiz. 36 no. 11:1672-1677 N '66.

PLASMA (IONIZED GASES)—MEASUREMENT

Effect of a metal chamber on the measurement of plasma parameters by means of a diamagnetic probe. L. V. Brzhechko, O. S. Pavlichenko, O. M. Shveta. Atom. energ. 20 no. 1:52 Ja '66.

PLASMA OSCILLATIONS

Excitation of oscillations in counterflows of an inhomogeneous plasma. I. S. Baikov, A. A. Rukhadze. Zhur. tekhn. fiz. 36 no. 11:1013-1024 N '66.

Interaction between an intense high-frequency electro-magnetic wave and Langmuir electron oscillations in a homogeneous isotropic plasma. I. S. Danil'in. Zhur. tekhn. fiz. 36 no. 2 266-272 F '66.

Interaction of high-frequency oscillations in a plasma with an ionic sound. V. D. Fedorchenko, V. I. Muratov, B. N. Rutkevich. Zhur. tekhn. fiz. 36 no. 11:2021-2027 N '66.

Ionic oscillations of a plasma. A. V. Bogdanov, V. V. Vaitolis. Izv. VZET no. 17 31-36 '61.

Kinetic theory of the oscillations of an inhomogeneous plasma with collisions. A. B. Mikhailovskii, O. P. Pogutse. Zhur. tekhn. fiz. 36 no. 2 205-218 F '66.

Linear theory of the excitation of plasma oscillations by a charged particle beam. I. U. S. Kostukova, F. M. Nekrasov. Zhur. tekhn. fiz. 36 no. 1:101-103 Ja '66.

Oscillations of a plasma in external constant electric and magnetic fields. S. P. Bakanov, A. A. Rukhadze. Zhur. tekhn. fiz. 36 no. 1:7-12 Ja '66.

Theory of the induction of ionic plasma oscillations by Langmuir electron waves. N. S. Repatov, N. A. Khizhniak. Zhur. tekhn. fiz. 36 no. 2 219-224 F '66.

Theory of the instability of a spatially inhomogeneous stream in a plasma. Part 1. Low-frequency waves. A. B. Mikhailovskii. Zhur. tekhn. fiz. 36 no. 11:1033-1044 N '66.

Theory of the instability of a spatially inhomogeneous stream in a plasma. Part 2: Waves with frequencies above ion cyclotron frequencies. A. B. Mikhailovskii. Zhur. tekhn. fiz. 36 no. 11:1045-1050 N '66.

Theory of the passage of a beam of charged particles through a plasma. V. N. Tsytoich, V. D. Shapiro. Zhur. tekhn. fiz. 36 no. 11:1026-1032 N '66.

PLASMIN

Role of the vegetative nervous system in the reflectory defensive reaction of a frog organism to the introduction of plasmin into the blood stream. T. M. Kalinhevskaya, G. A. Merzova, G. V. Andreev. Dokl. AN SSSR 167 no. 1 235-237 Mr '66.

PLASMODIUM

Agents of simian malaria. N. A. Demina. Med. paraz. i paraz. bol. 35 no. 2:180 Mr-Apr '66.

PLASTER—DRYING

Fire safety for gas burners used in drying plaster. M. Bobrovnikov. Zhit. etet. no. 2 29-30 '66.

PLASTIC AUTOMOBILES see Automobiles, Plastic

PLASTIC BARS

Creep of a two-layer plastic bar subjected to a pure bending. I. V. Stasenko, B. V. Milnenkov. Sbor. trud. MVTV no. 4:17-22 '64.

PLASTIC BEARINGS

Investigating the efficiency of bearings with plastic rolling elements. V. N. Ivanov, D. B. Gus'kov, B. M. Morozov. Sbor. trud. MVTV no. 2:20-34 '62.

PLASTIC BEARINGS—TESTING

Effect of operating conditions and gap size on the efficiency of sliding bearings made of polycaprolactam. I. U. A. Vorob'ev, E. F. Bezhelevskaya, N. N. Shudikova. Sbor. trud. MVTV no. 4:45-54 '64.

Stand for investigating the efficiency of plastic sliding bearings. I. U. A. Vorob'ev, E. F. Bezhelevskaya. Sbor. trud. MVTV no. 4:105-109 '64.

PLASTIC FILMS

Accuracy in the application of film coatings on the surface of textile materials. V. V. Evdokimov, I. I. Kapustin. Izv. vyz. ucheb. zav. i tekhn. leg. prom. no. 1:58-67 '66.

Electro-optical method of determining the thickness of transparent polymeric films on metals. I. L. Rozenfeld, E. K. Oshe, A. G. Aklmova. Lakokras. mat. i likh. pitm. no. 1 50-58 '66.

Lining the tubular rolls of papermaking machinery with plasliacs. A. T. Kataev, L. G. Karpova, M. G. Tulinina. Bum. prom. no. 3:18 Mr '66.

Mirgorodskii, B. G. [Use of film materials in the manufacture of findless cheese] Priklonnye plonochnykh materialov v proizvodstve beskorkovykh syrov. Moskva, Tsentr. i n-t nauchno-tekhn. informatsii pishchevoi promyshl., 1965. 21 p. [MICROFILM]

Use of cassia modified by acrylates as a base for pigment water colors. M. L. Shevchenko and others. Izv. vyz. ucheb. zav. i tekhn. leg. prom. no. 1:73-77 '66.

PLASTIC FILMS—ELECTRIC PROPERTIES

Conductivity of epoxy resin films with metallic fillers. V. E. Gul', L. Z. Shenfil', G. K. Mel'nikova. Plast. massy no. 3:63-65 '66.

PLASTIC FILMS—TESTING

Effect of hexamethylene diamine on the properties of chloroprene latex films. M. S. Monastyrskaya, L. I. Trubka. Izv. vyz. ucheb. zav. i tekhn. leg. prom. no. 1:51-53 '66.

Effect of the mold surface on the strength of latex films. I. D. Ptit'menshteyn, D. M. Sandomirskii, N. N. Shmyrera. Kauch. i ser. 26 no. 3:53-54 '66.

PLASTIC PIPE see Pipe, Plastic

PLASTIC SPRAYING

Effect of pigments on physicochemical properties of polyethylene coatings obtained by the spraying method. I. U. A. Avgustov, A. T. Sazhinovskii, P. I. Zubov. Khim. i tekhn. mashinost. no. 1 31-31 Ja '66.

From the exhibition into production. Inform. bul. VDNKh no. 610-11 Ja '61.

PLASTICITY

Application of certain plasticity conditions to anti-hot steel. V. N. Binstun, N. I. Chomintsk. Prikl. mekh. 2 no. 1:92-98 '66.

Some generalizations of the deformation theory of plasticity. I. U. I. Kadamovich. Izv. VNTS no. 17, 275-277 '65.

PLASTICIZERS

Method of studying the swelling and monolithization of polyvinyl chloride in powder form. V. L. Balakrishna, B. P. Shikharman, S. A. Arzhakov. Plast. massy no. 3 11-15 '66.

PLASTICS

Arkhipov, I. P., N. N. Kornolchuk, and A. B. Simbrakii. [Laboratory manual for the course "New materials in industry"] Laboratornyy prikladnik po kursu "Novye materialy v tekhnike," uchebnoe posobie, Moskva, Mosk. polig. i n-t, 1964. 70 p.

Diffusion of aggressive liquids through polymeric materials. B. I. Borisov, N. A. Moshchanskii. Plast. massy no. 3:61-63 '66.

Polyethylene knives for cutting candy mass layers. G. L. Makhila. Khleb. i kond. prom. 10 no. 3:43 Mr '66.

PLASTICS—MOLDING

Automatic press for preforming fibrous materials. S. N. Beliaev, A. S. Ezzhov, V. P. Chukalov. Sbor. trud. MVTV no. 1:74-83 '64.

Composition of temperature-caused shrinkage in the molding of thermoplastics. E. E. Glukhov, N. N. Dolov, T. E. Zhuravlov. Plast. massy no. 3:51-53 '66.

Die casting of capron parts. A. I. Ipatov. Khim. i tekhn. i ekon. Inform. Gid. nauch. i tekhn. inform. 10 no. 1:15-16 Ja '66.

Some technological parameters of the injection molding of "Ilon" polycarbonates. G. S. Kolesnikov and others. Plast. massy no. 3:41-43 '66.

PLASTICS—TESTING

Compatibility of polyvinyl chloride with oligoester acrylates and some characteristics of compositions obtained on their base. A. A. Borikh, I. A. Kaplinov, V. A. Barminov. Plast. massy no. 3:5-7 '66.

New method for tensile tests of plastics. A. F. Kulindayev, L. N. Muravov. Standartizatsia 29 no. 12:53-63 D '65.

Stand for investigating the limit biaxial stressed state in heated plastics. O. F. Shlenkii. Izv. vyz. ucheb. zav. i tekhn. i ekon. Inform. Gid. nauch. i tekhn. inform. 10 no. 1:44-48 '66.

Static and dynamic strength of filled plastics. M. I. Voronin, P. A. Potukhin. Sbor. trud. MVTV no. 4:20-30 '64.

PLASTICS—THERMAL PROPERTIES

Thermal analysis of plastic bodies of mechanicals. V. N. Lymzin. Sbor. trud. MVTV no. 3:10-21 '63.

PLASTICS IN AGRICULTURE

Plastic partitions in rice fields. M. T. Klokova, Zh. F. Kremneva, E. A. Nesterov. Gidr. i mel. 10 no. 1:13-16 Ja '66.

Wear resistance of plastic parts during friction against soil. A. I. Mil'tsev. Trakt. i sel'khoz. mash. no. 3 20-22 Mr '66.

PLASTICS IN BUILDING

(see also subdivision under Soviet Central Asia)

Corrugated roofing sheets of plastic; efficiency profile and calculation method. I. U. M. Safranov. Nauch. trudy AKKh no. 31 Zhil. khoz. no. 3:82-89 '64.

Maintenance characteristics of roofs made of plastic elements. I. U. M. Safranov. Nauch. trudy AKKh no. 31 Zhil. khoz. no. 3:76-81 '64.

Panel doors faced with plastic material. Der. prom. 15 no. 2:14 F '66.

Preliminary results of studies of the heat insulating qualities of a semi-detached house of plastic construction. G. K. Avdeev. Nauch. trudy AKKh no. 31 Zhil. khoz. no. 3:119-128 '64.

Productive capacity of single-screw machines for processing structural thermoplastics. M. B. Khasfeter. Stroi. mat. 12 no. 3:17 Mr '66.

Rhabdoplastics plastics with mica filler. G. A. Matsutayn, S. S. Meriakh. Izv. vyz. ucheb. zav. i stroi. i arkh. 9 no. 1:92-95 '66.

- PLASTICS IN CARTOGRAPHY**
Using plastics in the renovation of topographic maps. K. A. Badenku, Geod. i kart., no. 11 55-57 N '65.
- PLASTICS IN MEDICINE**
Alloplasty of the anterior cruciate ligament of the knee joint, experimental study. D. A. Telushchenko. Arh. med. zhur., 42 no. 11, 37-39 N '65.
Mechanism of the blastomogenic action of polymers used in alloplasty. S. P. Slizenko, G. A. Pustogorova. Vop. onk., 12 no. 3, 50-53 '65.
- PLASTICS IN SHIPBUILDING**
Phenomenological basis of the hermetic properties of reinforced polymers. O. G. Tsyplakov. Sudostroenie 56 no. 2:50-61 F '66.
- PLASTICS IN THE AUTOMOBILE INDUSTRY**
Manufacturing automobile cabs and bodies of glass reinforced plastics. V. S. Tsybin. Sbor. trud. MVТУ no. 2:60-75 '62.
Reducing the complexity and labor consumption of the technical preparation of manufacturing motor-vehicle body parts using glass reinforced plastics. A. A. Sorokin. Izv. vyz. ucheb. zav., mashinost., no. 1: 135-140 '66.
Results of testing air suspensions of motor vehicles with rubber-caps on diaphragms. V. A. Galashin, A. D. Dabashindker. Sbor. trud. MVТУ no. 2:76-85 '62.
- PLASTICS IN THE MACHINERY INDUSTRY**
Allowances for plastic parts. I. U. A. Vorob'ev. Sbor. trud. MVТУ no. 2:3-7 '62.
Calculating the rigidity of the system of automatic wear compensation for metal-cutting equipment. A. M. Dal'ski. Sbor. trud. MVТУ no. 2:65-68 '62.
Pls for plastic parts. E. F. Bchetskova. Sbor. trud. MVТУ no. 2:8-10 '62.
Investigating the rigidity of movable couplings with round plastic guides. I. U. S. Fedorov. Sbor. trud. MVТУ no. 4: 110-114 '64.
Plastic conveyor rollers. N. A. Lapovenko. Sbor. trud. MVТУ no. 2:35-13 '62.
Plastic modeling equipment based on epoxy resins. N. P. Borodina. Sbor. trud. MVТУ no. 3:65-75 '63.
Sarovnik, Viktor, and Stefan Chudzynski. [Use of plastics in the machinery industry. Translated from the Polish.] Primenenie plastmass v mashinostroeni. Moskva, Mashinostroi, 1965, 420 p.
Technology of the manufacture of plastic bodies for the mechanisms of machine tools. V. N. Lymzin. Sbor. trud. MVТУ no. 2:44-54 '62.
Using glass-reinforced plastics in the machinery industry. E. G. Smirnov, L. I. Keshkin. Vest. mashinost., 46 no. 3:77-79 Mr '66.
Using plastics in manufacturing body parts of power assembly tools. N. M. Kapustin, G. N. Mel'nikov. Sbor. trud. MVТУ no. 4:84-92 '64.
Using polymer materials in the manufacture of hoisting and conveying machinery. N. A. Lapovenko. Sbor. trud. MVТУ no. 3:89-102 '63.
- PLASTICS IN THE PETROLEUM INDUSTRY**
Pressure pipes made of glass reinforced plastics for the transportation of gas, petroleum and petroleum products. N. T. Bukhtiarov, G. G. Nosov. Sbor. trud. MVТУ no. 3:76-88 '63.
- PLASTICS INDUSTRY—MANAGEMENT** see subdivision under Kiev
- PLASTICS MACHINERY—TESTING**
Analysis of cycle diagrams of the performance of presses for plastics. A. S. Ezzhev. Sbor. trud. MVТУ no. 2:90-100 '62.
- PLATE TOWERS**
Determination of the gas content of a foamy layer on downcomerless plates. A. I. Rodionov. Izv. vyz. ucheb. zav., khim. i khim. tekhn., 8 no. 6:1014-1019 '65.
Experimental study of the relative density of the layer of a foamed fluid on sieve plates. I. A. Aleksandrov and others. Khim. prom., 42 no. 3:219-220 Mr '66.
- PLATES (ENGINEERING)**
Gutkin, P. A. [Design of flat parts] Raschet ploskikh detalей. Moskva, Mashinostroenie, 1966, 232 p.
Using the method of initial functions for calculating parallellogrammatic plates. M. G. Vanushenkov. Izv. vyz. ucheb. zav., stroit. i arkhit., 9 no. 1:57-62 '66.
- PLATES (ENGINEERING)—DESIGN AND CONSTRUCTION**
Vanushenkov, M. G. [Design of thin elastic plates by the method of initial functions] Raschet tonkikh uprugikh plastinok metodom nachal'nykh funktsii. Moskva, Mosk. inzhenerno-stroit. in-t, 1965, 46 p. [MICROFILM]
- PLATES, ALUMINUM**
Effect of the conditions of deformation and heat treatment on the bonding quality of aluminum tubular panels. I. G. Kirpa. Tsvet. met., 39 no. 2:74-78 F '66.
- PLATES, ALUMINUM—WELDING**
Continuous line of manufacturing large aluminum vessels. D. P. Antonets, A. F. Dvozhlenko. Avtom. svar., 18 no. 2: 64-66 F '65.
- PLATINUM**
Structure of platinum films. I. A. Ryzhak and others. Khim. i prikl. fiz. khim., 7 no. 1:82-181 Ja-F '66.
- PLATINUM—ANALYSIS**
Separation of platinum and rhodium by anion-exchange extraction. L. M. Glinda, S. N. Ivanova, L. A. Mironova. Izv. SO AN SSSR no. 11. Ser. fizim. nauk no. 3 157-159 '61.
- PLATINUM CATALYSTS**
Effect of temperature on platinum charging curves in the gaseous phase. V. A. Dziuz', G. A. Lakeeva, D. V. Sokol'skii. Elektrokhemia 2 no. 2:236-240 F '66.
- PLATINUM COMPOUNDS**
Binding energy and its effect in platinum complex compounds. V. A. Palkin, N. N. Kuz'mina, I. I. Cherniayev. Zhur. neorg. khim., 10 no. 10 2220-2229 O '66.
Oxidation of bivalent platinum complex compounds. B. V. Pitsyn, S. V. Zernakov, A. V. Nikolaev. Dokl. AN SSSR 167 no. 1 112-114 Mi '66.
Reaction of methionine with Pcyron's chloride. L. M. Volshchik, L. T. Krylov, M. F. Mogilevskii. Zhur. neorg. khim., 11 no. 3:611-618 Mr '66.
- PLATINUM COMPOUNDS—SPECTRA**
Infrared absorption spectra of platinum (II) complex compounds with aromatic amines. A. V. Ablov and others. Zhur. neorg. khim., 10 no. 10 2230-2234 O '66.
- PLATINUM ELECTRODES** see Electrodes, Platinum
- PLATINUM GROUP—METALLURGY**
Investigating the anion exchange recovery, separation and refining of platinum metals from hydrochloric acid solutions. E. I. Kazantsev, A. A. Davletshin. Izv. vyz. ucheb. zav., tsvet. met., 9 no. 1:59-61 '66.
- PLATYPHYLLINE**
Phytochemical study of Nardosmia lacvigata. V. I. Il'yuzin, P. L. Senov. Farmats. zhur., 20 no. 4:38-40 '65.
- PLAVIL'SHIKH, NIKOLAI NIKOLAEVICH, 1892-**
Postupatel'no, M. I. [N. N. Plavil'shchikov, a critical and biographical sketch] N. N. Plavil'shchikov; kritiko-biograficheskii ocheik. Moskva, Detekhn III-1a, 1965 95 p. (NIC)
- PLAY**
From the pages of the book into play. N. Romanova. Doshk. vosp., 39 no. 3:54-55 Mh '66.
Symbolism and its function in children's play. D. D'konin. Doshk. vosp., 39 no. 3:56-60 Mh '66.
- PLAZAS** see subdivision under Leningrad
- PLEKHANOV, GEORGI V. VALENTINOVICH, 1856-1918**
Portrait of the beautiful in G. V. Plekhanov's aesthetics. V. L. Akulov. Mezhdvuz. filoz. shor. Kish. un., no. 4 115-134 '64.
- PLETENIY TASHLYK (UKRAINE)—GRAIN—TRANSPORTATION**
Out of the frying pan into the fire. V. Stepanov. Zakup. sel'khoz. prod., no. 6:50 Je '65.
- PLETHYSMOGRAPHY**
Electroplethysmographic study of hyperemia of the endocardial cavity. N. N. Benina, V. N. Levin, G. P. Leenink. Fiziol. zhur., 52 no. 1:3-7 Ja '66.
Significance of plethysmography in the diagnosis of malignant neoplasms. F. N. Zismanovich. Klin. khir., no. 6: 85-88 '65.
Significance of rheovasography in the examination of blood circulation of the popliteal artery and its branches in the leg. N. I. Kravovskii, V. I. A. Zolotarevskii. Sov. med., 27 no. 5:17-20 My '64.
- PLEURA—CANCER**
Diagnosis and clinical aspects of malignant mesotheliomas of the pleura. I. A. Chupin, M. M. Situkova. Vop. onk., 12 no. 2:13-16 '66.
- PLEURA—MICROBIOLOGY**
Bacteriological examination of punctates from the pleural cavities of patients with cancer of the lungs in the post-operative period. V. A. Kochetkova, I. M. Golubeva. Lab. delo no. 3:174-178 '66.
- PLEKŠANS, JANIS, 1865-1920**
Latvijas Padomju Sociālistiskās Republikas Zinatnu akadēmija, Valodas un literatūras institūts. [People's poet Rainis, 1865-1920, collection of articles commemorating the centennial of his birth] Tautas dzejnieks Rainis, 1865-1920; rakstu krājums 100 gadu atcerē. Rīga, Zinatne, 1965, 307 p. [In Latvian]
[Rainis; an album] Rainis; [ai'bom] Rīga, Lieama, 1965, 101 p. (chiefly illus.)
- PLOWING**
(see also subdivision under Siberia)
Effectiveness of fertilizers as related to the plowing depth of irrigated soil. S. D. Lysoyov, N. Z. Stasik, Vest. sel'khoz. nauk 10 no. 6:38-41 Je '65.
- PLOWS**
Equipment of plows under the remnants of corn roots. A. Golovko. Tefh. v sel'khoz., 28 no. 3:17-10 Mi '66.
Plowing and fertilizer placing unit. R. Pozdnakov. Tefh. v sel'khoz., 28 no. 3:20-21 Mi '66.
Wear resistance of plastic parts during friction against soil. A. I. Khit'sev. Tefh. v sel'khoz. mash., no. 3:20-22 Mi '66.
- PLUTONIUM ISOTOPES**
Channel analysis of Pu²³⁸ fission by neutrons. P. E. Vol'shtoykov and others. Izd. fiz., 3 no. 3:170-186 Mr '66.
Kinetic energy of fragments from Pu²³⁹ fission by thermal and resonance neutrons. G. Z. Borukhovitch, D. M. Karminker, G. A. Pavlov. Izd. fiz., 3 no. 3:176-178 Mr '66.
- PLYWOOD**
(see also subdivision under Latvia)
Effect of the microstructure of the piles on the process of their impregnation in the manufacture of wood laminates. I. A. D. Avrasin. Der. prom., 15 no. 3:14-16 Mi '66.
Glued plywood pipes, a new material for the intermediate structures of overhead contact systems. I. U. G. Koz'min, I. U. P. Saltaev, A. G. Dol'nitsyn. Sbor. trud. LITZIT no. 234:109-116 '65.
Reducing the production cost of glued plywood by the preliminary pressing of bundles. Der. prom., 15 no. 2:31 F '66.
- PLYWOOD INDUSTRY—LABOR PRODUCTIVITY**
Effect of the concentration of production on the use of capital assets and the level of labor productivity in the plywood industry. I. E. Bursin. Izv. vyz. ucheb. zav., ts. zhur., 8 no. 6:106-110 '65.
- PNEUMATIC CONTROL**
Construction of switching circuits using standard USEPPA apparatus. V. E. Vol'skii. Avtom. i telemek., no. 1:119-132 '66.
Installation for processing gas for feeding pneumatic elements of automatic control systems. P. V. Levkov, T. S. Duzheva. Gar. delo no. 1:16-18 '66.
Intensity of pressure variations in a pneumatic system. V. V. Gusev. Gar. zhur., no. 3:49-50 Mh '66.
The "rock-coal" pneumomechanical instrument for automatic mining machinery. R. V. Shpakovskii. Ugol' 41 no. 2:37-40 F '66.
Use of pneumatic equipment in systems for the automatic control of thermochemical processes. N. D. Ladin, S. A. Nikolaev. Toplonenergetika 12 no. 12:28-32 D '65.
- PNEUMATIC CONVEYING**
Losses of pressure, expenditure of energy, and optimal conditions in vertical pneumatic conveying of grain products. V. P. Pavlov. Makh. elev. pirom., 32 no. 2:18-22 F '66.
Unloading grain from cars with the aid of pneumatic mills. A. Chak. Zakup. sel'khoz. prod. no. 1:58 Ja '66.
- PNEUMATIC GAUGES**
Checking discontinued surfaces machined on centrifugal lading machines. V. G. Chibrikov, M. I. Elingof. Mashinostroi' no. 3:25-28 Mr '66.
- PNEUMATIC MACHINERY**
Investigating speed regulation of an automatic pneumatic drive. A. I. Morozov. Mekh. i avtom. proizv., 20 no. 2-10 (2-1) F '66.
Machine units with pneumatic drive for car change in the cages. V. S. Andriukhin, V. V. Avramenko. Ugol' Ukr., no. 3:23-25 Mr '66.
Selecting high-protein flour in milling wheat; selecting wheat flour with high protein content at flour mills using pneumatic conveying; pneumatic classifier of flour produced by break systems. L. A. Izikov and others. Makh. elev. pirom., 32 no. 2:14-18 F '66.
- PNEUMATIC TOOLS**
From the exhibition into production. Inform. bliz. VDNKH no. 6:25 Je '64.
- PNEUMOCOCCAL INFECTIONS**
Activity of monomelic oxidase of rat organs in experimental pneumococcal infection. Z. A. Poponenkova, D. A. Andreeva. Bliz. eksp. biol. i med. 61 no. 1:43-50 Ja '66.
Sulfapyridazine in pneumococcal meningitis in rabbits. I. Isamukhametov and others. Farm. i toks., 27 no. 6: 723-729 N-D '64.
- PNEUMOMEDIASTINUM**
Clinical death due to pneumomediastinum. A. Kh. Trakhtenberg. Khirurgia 42 no. 3:141-143 Mr '65.

PNEUMONIA

Effect of some antibiotics on the course of experimental pneumonia in the light of morphological studies. K. N. Prozorovskaya, A. V. Novikova. Antibiotiki 11 no. 3 257-260 Mr '66.

Short-wave diathermy in the treatment of postoperative pneumonias in patients with chest diseases. T. G. Uglov, M. G. Perkina, I. M. Yakovleva. Klin. Khir. no. 6:3-6 '65.

PNEUMORETROPERTONEUM see Rectopneumoperitoneum

PNEUMOTHORAX

Spontaneous pneumothorax caused by bullous pulmonary emphysema. G. I. Kutsunov, I. G. Gurbanaliev. Azerb. med. zhur. 43 no. 2:68-70 F '66.

POACHING

Buktoy, G. G., and B. A. Filimonov. [Make the poacher liable, responsibility for illegal hunting] Brakon'era k otvetu, otvetstvennost' za nezakonnuu okhotu. Moskva, Izdaticheskaia literatura, 1966. 69 p.

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

Simulation of the Tungus meteorite explosion. I. T. Zotkin, M. A. Tsihulin. Dokl. AN SSSR 167 no. 1:59-62 Mr '66.

PODOLIA—GEOLOGY, STRATIGRAPHIC

Cambrian sediments in the Dniester Valley portion of Podolia. V. V. Kir'lanov. Geol. i geokhim. nef. i gaz. mestorozh. no. 2:101-114 '65.

PODOLIA—HISTORICAL RESEARCH

The first meeting of the students of Podolian history. N. G. Dunova. Ist. SSSR 10 no. 1:244-245 Ja-F '66.

PODOLIA—KARST

Pre-Paleogene karst among Upper Cretaceous sediments in Podolia. A. B. Bohuts'kiy, I. M. Svyanko. Dop. AN URSR no. 1:103-106 '65.

PODOLIA—MAMMALS, FOSSIL

Pleistocene mammals from the Nizhnekirivchansk cave (Podolia). K. A. Tatarinov. Paleont. sbor. [L'vov] no. 2 pt. 1:30-37 '65.

PODOLIA—OYSTERS, FOSSIL

Shellification of oyster banks *Exogyra Conica* (Sow) in the Upper Cretaceous sediments of Podolia. I. U. N. Sen'kovskii, M. I. U. Fedushchak. Paleont. sbor. [L'vov] no. 2 pt. 1:80-83 '65.

PODOLIA—PALEONTOLOGY, STRATIGRAPHIC

Traces of life activity on the surface of the contact of the Cretaceous and Miocene in Podolia. O. S. Vialov, V. A. Gorelskii. Paleont. sbor. [L'vov] no. 2 pt. 1:38-46 '65.

PODOLSK (MOSCOW PROVINCE)—CONSTRUCTION INDUSTRY

How to make effective use of capital assets. V. I. Astrubinskii and others. Na stroit. Ros. 7 no. 1:16-18 Ja '66.

PODZOL

Changes and migration of clay minerals in Podzol formation. V. A. Boichuk, P. G. Verbitskii. Vest. LGU 21 no. 3:130-139 '66.

Characteristics of the types of humus profile of Podzolic soils in Leningrad Province. O. G. Chertov. Pochvo-vedenie no. 3:26-37 Mr '66.

POETRY—HISTORY AND CRITICISM

Remarks about the poem. D. Ia. Sel'vinskii. Otkryti 42 no. 4:209-210 Ap '66.

Structure of conventional-associative poetic images. I. S. Shapoval'skiy. Rad. lit. i u. no. 1:38-52 Ja '68.

POKROVO-KIREYEVO REGION (UKRAINE)—GEOLOGICAL TIME

Pre-Cambrian age of alkali gabbroids in the Pokrovo-Kireyevo region. A. I. Zaiys'kiy, A. M. Stremov'skiy, V. F. Urchenko. Geol. zhur. 25 no. 6:102-103 '65.

POLAND—ARMY—PARACHUTE TROOPS

The "red heron." I. Lisov. Kryl. rod. 17 no. 4:21-22 Ap '66.

POLAND—BIBLIOGRAPHY

[New literature on Poland] Nov. lit. po Pol'. no. 2 '66.

POLAND—BOOK INDUSTRIES—EXHIBITIONS

The books of our friends remain with us. G. Sokolovskii. Knizh. torg. 17 no. 3:17 Mr '66.

POLAND—BOTANY—PERIODICALS

Review of the journal "Wiadomosci botaniczne" for 1963. I. A. Dobrowol'skiy. Ukr. bot. zhur. 23 no. 1:84-85 '65.

POLAND—BRONZE AGE

Similar and dissimilar characteristics of the Trzciniec and Komarovo cultural types. L. K. Svoshtnikov. Mat. i issl. po arkheol. SSSR no. 130:88-92 '65.

POLAND—CAPITAL INVESTMENTS

Capital investments and employment. Adam Broner. Plan. khoz. 43 no. 1:23-31 Ap '66.

POLAND—ECONOMIC POLICY

Improvement of the management of the national economy in the People's Republic of Poland. S. Endrikhovskii. Mir. ekon. i mezhdunar. otn. no. 4:24-34 '66.

POLAND—EMPLOYMENT FORECASTING

Capital investments and employment. Adam Broner. Plan. khoz. 43 no. 1:23-31 Ap '66.

POLAND—HISTORY

The millennium of Poland. B. Gugala. Sov. pech. no. 3:57-58 '66.

POLAND—INTERNATIONAL LAW—RESEARCH

An outstanding Polish scholar has defended his doctoral dissertation. B. M. Klimenko. Sov. gos. i pravo 9 121-122 S '59.

POLAND—PETROLEUM INDUSTRY

Petroleum industry of the Polish People's Republic in figures. Piotr Kainkowski. Geol. nef. i gaz. 10 no. 1:54-58 Ja '66.

POLAND—PHYSICAL EDUCATION AND TRAINING

Development of gymnastics in the Central Institute of Physical Education and the Academy of Physical Education. Kazimierz Baranski. Teor. i prak. fiz. kult. 29 no. 2:71-75 F '66.

POLAND—POLITICS AND GOVERNMENT

Ginskaia, T. Iu. [The Communist Party of western White Russia was the leader of the liberation struggle of western White Russia's workers, 1924-1928] KPZB - i ukovoditel' osvoboditel'noi bor'by trudnashchikha Zapadnoi Belorussii, 1924-1928 gg. Minsk, Belarus', 1965. 198 p.

POLAND—POSTAGE STAMPS

The postage stamps issued in Poland. V. Ustinovskii. Knizh. torg. 17 no. 1:42 Ja '66.

POLAND—PRESS

The press of People's Poland. M. Vladimirov. Mezhdunar. zhizn' 13 no. 4:150-152 '66.

POLAND—REVOLUTION, 1803-1804

Published in the centenary of the Uprising of 1803. I. S. Miller. Nov. i novosh. ist. no. 2:116-124 '66.

POLAND—SLAVIC STUDIES

The School of International Slavic Studies in Poland in 1965. Z. N. Sirekalo. Sov. slav. no. 2:134 '66.

POLAND—STATISTICS

[Poland; facts and figures] Pol'sha; istry, fakty. Warsaw, "Polonika," 1958. 97 p. (NN)

POLAND—TEACHING

Preventing the repetition of a school year in the schools of Poland. A. Savina. Nar. obr. no. 4:101-104 Ap '66.

POLAND—VOCATIONAL GUIDANCE

Centers of vocational guidance in Poland. A. E. Golomsh-tok. Sov. pedagog. 30 no. 3:130-148 Mr '68.

POLAND—WOMEN—RIGHTS OF WOMEN

Early history of the movement for the emancipation of women in Poland. P. Glinkin. Sov. slav. no. 2:140-55 '66.

POLAND—WOMEN IN LITERATURE

Early history of the movement for the emancipation of women in Poland. P. Glinkin. Sov. slav. no. 2:148-55 '66.

POLAND—POPULAR FRONTS

The Seventh Congress of the Communist International and efforts to establish a popular front in Poland, 1934-1935. M. I. Boguslavskii. Sov. slav. no. 2:13-13 '66.

POLAR REGION—SEA ICE

Role of evaporation in the surface ablation of sea ice. V. A. Spichkin. Inform. blud. Sov. antark. eksp. no. 55:34-38 '65.

POLARISCOPE

Polarimetric analysis of the reaction of the cellulose glucose monomer with chlorine dioxide. T. A. Tumanova, Sh. Khernadi. Trudy LITTSBP no. 10:172-175 '65.

Present state of the radiopolarization method for studying stresses. V. N. Rudakov, A. I. Lebedev. Izv. vys. ucheb. zav., fiz. 9 no. 1:63-67 '66.

POLARIZATION (ELECTRICITY)

Calculation of the current distribution on the cathode taking the nonlinear polarization law into account. V. T. Ivanov, A. I. Nikolaev, O. F. Retzhova. Elektrokhimia 2 no. 3:367-370 Mr '66.

Cathodic polarization in the electrodeposition of copper from titanium solutions. V. S. Gallina, V. P. Mikhov, O. K. Kudrya. Izv. vys. ucheb. zav., khim. i khim. tekhn. 8 no. 6:926-930 '66.

Cathodic polarization in the simultaneous deposition of nickel and molybdenum. A. I. Lisogor, N. N. Gratskii. Khim. zhur. 32 no. 1:18-19 '66.

Mechanism of the cathodic reduction of cupric oxide. Part 3: Effect of temperature on the cathodic polarization of copper oxide electrode in a solution of Na₂SO₄. V. P. Gushakov, E. P. Zaygorodnaya, I. U. P. Rodnik, Ukr. khim. zhur. 32 no. 1:24-28 '66.

POLARIZATION (LIGHT)

Effect of the polarizing properties of external radiation on the illumination of various regions of a turbid medium. A. P. Ivanov, I. D. Sherbaf. Dokl. AN BSSR 10 no. 1:18-21 Ja '66.

POLARIZATION (NUCLEAR PHYSICS)

Sensitivity of the reactions $^{11}\text{B}(\text{p}, \gamma)^{12}\text{C}^*$ and $^{11}\text{B}(\text{p}, \alpha)^{8}\text{Be}^*$ to polarized neutrons at the 162 Kev. resonance. P. V. Sorokin. Izv. AN SSSR, Ser. fiz. 30 no. 2:220-223 F '66.

POLAROGRAPHY

Determining hydrogen using a polarograph of alkylating agent. V. B. Spivakovskii, G. V. Makovskaya. Med. i geol. i geofiz. i geokhim. Ukr., Kazakh, Zambik. no. 2:160-163 '61.

POLAROGRAPHY

Azomethine bases. Part 5: Effect of the structure on the polarographic characteristics of some azomethine derivatives of aniline and benzidine and of some of their chloro-substituted compounds. V. N. Dmitrieva and others. Zhur. ob. khim. 38 no. 3:405-410 Mr '66.

Correlation of the polarographic activity of trialkylsulfate and the content of aliphatic groups in blood serum. I. M. Vorontsov. Vop. med. khim. 12 no. 1:30-33 Ja-F '66.

Effect of hydrogen adsorption on the polarographic behavior of trivalent iron on a platinum electrode. V. A. Zakharov, O. A. Songina. Izv. AN Kazakh, Ser. khim. nauk 14 no. 1:3-6 O-D '64.

Improved method of the polarographic determination of calciferol in the presence of vitamin. V. G. Mal'nevskii, G. I. Samokhvalov. Zhur. anal. khim. 21 no. 2:210-213 '66.

New oscillographic polarographic method for the determination of titanium. P. M. Kovalenko, I. G. Ignatenko. Ukr. khim. zhur. 32 no. 2:213-218 '66.

New polarographic method for determining arsenic in natural waters. L. N. Davydov. Dop. AN URSR no. 1:98-94 '66.

Parameters of oscillographic polarograms. V. I. Gorokhovskaya. Zhur. anal. khim. 21 no. 2:148-152 '66.

Polarographic reduction of dichromate ions on a rotating platinum electrode with hydrochloric acid as the support. N. M. Millayev, S. T. Orlovskii, O. A. Songina. Zhur. anal. khim. 21 no. 2:163-168 '66.

Polarographic study of the stability of mercury complex compounds with some amino acids. V. F. Terepova, I. U. M. Azizov. Zhur. neorg. khim. 11 no. 3:531-535 Mr '66.

Polarographic study of two-quaternary ammonium derivatives of decamethylenediamine containing ester groups. A. I. Lopushanskii, V. V. Udoletskaya. Zhur. ob. khim. 38 no. 2:184-189 F '66.

Polarographic study of vinyl esters. A. M. Shur, N. S. Litalkov, M. M. Filimonova. Zhur. ob. khim. 38 no. 3:401-406 Mr '66.

Sensitivity of the determination of microimpurities in a solution by amalgam polarography with storage on a mercury film electrode. M. S. Zakharov, L. F. Trushina. Zhur. anal. khim. 21 no. 2:145-147 '66.

Solid electrode with a continuously regenerating surface of constant value in oscillographic polarography. E. A. Aikazian. Izv. AN Arm. SSR, Khim. nauki 17 no. 5:477-482 '64.

Study of nickel amalgams by the method of amalgam polarography with storage. I. E. Krasnova, A. I. Zebzeva. Elektrokhimia 2 no. 2:247-251 F '66.

POLESYE—PEAT SOILS

Moisture conditions of cultivated peat soils and their fertility. A. S. Gordichuk. Agrokhimia no. 3:41-45 Mr '68.

POLIAKOVA, ALEKSANDRA KAPITONOVA, 1923—Ordered to reconnoiter. V. Sokolov. Radio no. 2:6-7 F '66.

POLIOMYELITIS see subdivision under Petrozavodsk

POLITICAL BALLADS AND SONGS, AMERICAN

Sign of the times. A. Baranova. Sov. muz. 30 no. 3:136-138 Mr '66.

POLITICAL CRIMES AND OFFENSES

Ivan Nikitin and the time of Biran. N. M. Moleva. Vop. ist. 41 no. 4:208-213 Ap '66.

The "word and deed of His Majesty." V. I. Mar'in. Vop. ist. 41 no. 3:215-218 Mr '66.

POLITICAL POETRY see subdivision under Vietnam, South

POLITICAL PRISONERS

Reminiscences on a hard labor colony in the Kara Valley. V. V. Sukhomlin. Vop. Ist. 41 no. 1:97-110 Ap '66.

POLITICAL PRISONERS, HUNGARIAN

How the Soviet Government is tied to save the victims of the rightist terror in Hungary. József Gabor. Ist. SSSR 10 no. 1:211-221 Ja-F '66.

POLLEN

Materials on the characters of pollen of the genus *Cladium* Mill. I. S. Situpa. Zam po sist. i geog. rast. no. 25:68-82 '66.

POLLINATION see Fertilization of plants

POLOSUKHIN, ALEKSANDR PORFIR'EVICH, 1901-1965

Aleksandr Porfir'evich Polosukhin, an obituary. Fiziol. zhur. 52 no. 1:110-120 Ja '66.

POLOTSK—DENDROCHRONOLOGY

Dendrochronology of ancient Polotsk. B. A. Kolchin. Mat. i issl. po arkheol. SSSR no. 130:262-266 '65.

POLTAVA PROVINCE—BOOKSELLERS AND BOOK-SELLING

"Soft-boiled" books. A. Gromov. Knizh. tovg. 17 no. 1:47 Ap '66.

POLTAVA PROVINCE—CONSTRUCTION WORKERS—EDUCATION AND TRAINING

Make full use of the educational base of the province schools. V. Danys'ko. Sil. bud. 15 no. 3:21-22 Mr '66.

POLTAVA PROVINCE—DRUGSTORES

Pharmacy in Poltava Province during the last 20 years. V. O. Kudelych. Farmats. zhur. 20 no. 4:77-81 '65.

POLYAMIDES

Natura, E. P., and P. M. Mal'tsov. [Accelerated settling of bentonite suspensions by flocculents] Uskormenie osazhdeniya bentonitovoy suspenzii itokuliantami. Moskva, TsINTPlishcheprom, 1965. 17 p.

Polyamide based on decanedicarboxylic acid and hexamethylenediamine. M. K. Dobrokholova and others. Plast. massy no. 3:20-21 '66.

Structural changes of polyindeneamide studied by means of emission of water vapor sorption. Z. A. Samchenko, E. F. Nekrich. Ukr. khim. zhur. 32 no. 2:164-166 '66.

Synthesis of hexamethylenediamine-acetic acid for the production of polyamides used in the manufacture of artificial leather. Report No. 2. N. V. Korol'kov, S. A. Pavlov. Izv. vys. ucheb. zav. tekhn. leg. prom. no. 1:33-36 '66.

POLYAMIDES, EFFECT OF RADIATION ON

Regularities of the action of di- β -naphthyl-p-phenylene-dione in the radiation-induced oxidation of polycapromides. A. S. Fomenko and others. Vysokom. soed. 8 no. 2:201-205 F '66.

POLYETHYLENE

Characteristics of the outside calibration of pipes made from high-density polyethylene. V. N. Riabchenkov and others. Plast. massy no. 3:38-41 '66.

Effect of the magnitude of ionization intensity on the life of a polyethylene film. N. S. V'chenko, G. I. Gavriluk, A. V. Kovalev. Izv. vys. ucheb. zav., energ. 9 no. 3:20-26 Mr '66.

Strength of polyethylene pipes in multiple-component aggressive media. L. P. Vinogradov and others. Plast. massy no. 3:77-78 '66.

Testing of adhesives based on modified polyethylene. V. G. Prokhorov and others. Izv. vys. ucheb. zav., tekhn. leg. prom. no. 1:54-57 '66.

Thermographic investigation of the photooxidative degradation of polyethylene. R. Baltenas, E. Sakalauskas, L. A. Igonin. Dokl. AN SSSR 107 no. 1:121-123 Mr '66.

X-ray diffraction determination of the degree of crystallinity of radiation-chlorinated and sulfonated polyethylene. R. V. Dzhangal'shan and others. Vysokom. soed. 8 no. 2:193-197 F '66.

POLYGAMY see subdivision under Nigeria

POLYGONS

K. A. Andreev's proof of Poncelet's theorem on polygons. T. V. Solntseva, L. S. Kishkina. Uch. zap. Kaf. mat. Tium. gos. ped. inst. 26 no. 4:16-25 '64.

POLYMERIZATION

Catalytic copolymerization of methyl methacrylate with polyester methacrylate from ω -hydroxybenzoic acid. G. T. Gurgendze. Soob. AN Gruz. SSR 41 no. 1:81-85 Ja '66.

Constitution of the product of polycondensation of diacetyl and p-phenylenediamine. M. N. Shirokova, A. I. Yakubchik. Vysokom. soed. 8 no. 2:312-316 F '66.

Copolymerization of propylene oxide and tetrahydrofuran on organometallic catalysts. T. N. Kuznetsova, L. V. Alfirova, V. A. Kozlov. Vysokom. soed. 8 no. 2:293-296 F '66.

Cyclic polymerization and copolymerization. Part 33: Copolymerization of dimethylvinylmethylcarbamol with vinyl monomers. S. G. Matsolin, N. M. Morlan. Izv. AN Arm. SSR. Khim. nauki 17 no. 5:522-531 '64.

Derivation of kinetic equations for unsteady polymerization. A. A. Kozlov, A. F. Podolskii. Vysokom. soed. 8 no. 2:332-338 F '66.

Effect of chain transfer termination on the composition and structure of copolymers. O. A. Plochova, V. V. Ivanov, N. S. Enkolopian. Dokl. AN SSSR 166 no. 4:905-906 F '66.

Graft polymerization of acrylonitrile on capron fibers. A. I. Kurilenko, V. I. Glukhov. Dokl. AN SSSR 166 no. 4:901-904 F '66.

Hydrolytic polycondensation of higher alkyltrichlorosilanes. K. A. Andrianov, B. A. Izmailov. Zhur. ob. khim. 33 no. 2:341-345 F '66.

Ionic telomerization of β , β' -dichlorodichethylformal with some unsaturated compounds. T. A. Fofina and others. Vysokom. soed. 8 no. 2:207-212 F '66.

Kinetics of radiation-induced allyl polymerization. Part 2. S. A. Dolmatov, L. S. Polak. Khim. i tekhn. 7 no. 1:27-32 Ja-F '66.

Mechanism of polymerization of α -oxides in the presence of bases. N. N. Lebedev, Yu. I. Baianov. Vysokom. soed. 8 no. 2:198-203 F '66.

Mechanism of the reaction of olefins with complex polymerization catalysts. T. S. Dzhachvskii, A. K. Shilova, A. D. Shilov. Vysokom. soed. 8 no. 2:308-311 F '66.

Methyl methacrylate polymerization photosensitized by oxides. A. A. Kachan, V. A. Shrubovich. Ukr. khim. zhur. 32 no. 1:105-106 '66.

Polybis-(o-ganophosphinoxy) titanomethylphenyl siloxanes. K. A. Andrianov and others. Plast. massy no. 3:35-38 '66.

Polymerization and copolymerization of tetraacyanoethylene under the effect of polymers with a conjugation system. A. A. Berlin, N. G. Matveeva. Dokl. AN SSSR 167 no. 1:91-94 Mr '66.

Polymerization of complex-bound and organized monomers. V. A. Kargin, V. A. Kabanov. Dokl. AN SSSR 167 no. 1:124-127 Mr '66.

Polymerization of methylphenylcyclosiloxanes. K. A. Andrianov and others. Vysokom. soed. 8 no. 2:352-356 F '66.

Polymerization of phenylcyclosiloxanes. K. A. Andrianov and others. Dokl. AN SSSR 166 no. 4:855-856 F '66.

Radiation-induced solid state polymerization of isoxane. I. A. G. Uman, I. A. Slonim, A. D. Eimolov. Vysokom. soed. 8 no. 2:251-255 F '66.

Some possible mechanisms of copolymerization reactions. A. A. Durgalov. Vysokom. soed. 8 no. 2:226-230 F '66.

Stereospecific polymerization of butadiene under the effect of the system $AlCl_3 - CoCl_2$ and the role of electron-donor additions. K. G. Misesov and others. Dokl. AN SSSR 166 no. 5:1111-1113 F '66.

Synthesis and properties of polynuclear polyisocyanates. A. A. Zaitkin, Yu. A. Strel'kheev. Khim. prom. 41 no. 11:817-820 N '65.

Synthesis and study of color polyacrylonitrile. A. N. Bykov, V. M. Arkhipev. Izv. vys. ucheb. zav.; khim. i tekhn. 8 no. 6:1001-1005 '65.

Topchilev, A. V. [Selected works] Izbrannye trudy. Moskva, Nauka.

[Book 3] [Polymerization. Organosilicon compounds] Polimerizatsiya. Kremniorganicheskiye soedineniya. 1960. 538 p.

POLYMERS

All-Union scientific technological conference on the use of polymer materials in water resources management. Z. I. Aroslavskii, E. K. Obrezkov. Khim. v sel', khoz. 4 no. 3:76-78 Mr '66.

Binary polymer mixtures for the molding of shoe sole parts. B. A. Krasnov, A. D. Zolotchkovskii, N. P. Gyrnyova. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 1:37-41 '66.

Calculation of intrinsic viscosity from a single viscosity value by the application of Maron's equation. I. Geczy, M. I. B. Solim. Vysokom. soed. 8 no. 2:361-362 F '66.

Comparative study of solutions of oleic and partially isonitric polymethacrylate in benzene. E. A. Bekturov, S. V. Doreza, E. G. Davydova. Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no. 4:32-37 O-D '64.

Compatibility of polyvinyl chloride with oligoester acrylates and some characteristics of compositions obtained on their base. A. A. Berlin, I. A. Kaplunov, V. A. Barminov. Plast. massy no. 3:5-7 '66.

Conference on the mechanics of polymers in Riga. Nov. 10-12, 1965. L. P. Khoroshun. Prikl. mekh. 2 no. 2:141-143 '66.

Containers and polymers. A. Lazarian. Inform. blul. VDNKh no. 1:10-17 Ja '66.

Effect of the structure of peroxide initiators on the molecular weight distribution of formed polymers. Acyl peroxides. S. S. Ivanchov, N. I. Solomko. Vysokom. soed. 8 no. 2:322-326 F '66.

Highly unsaturated polymers. Report No. 13: Polynuclear noncondensed dicinnylarenes. I. L. Kotliarskii and others. Izv. AN SSSR Ser. khim. no. 2:302-308 '66.

Mechanochemical synthesis of copolymers in frozen solutions. N. K. Naimov, I. U. S. Simakov. Vysokom. soed. 8 no. 2:216-239 F '66.

Metal polymers on the basis of the ED-5 epoxy-dian resin and colloid lead. E. M. Natanson and others. Pribl. mel. 8 no. 1:29-33 Ja '66.

Method of calculating driers of fluidized beds for polymer materials. G. E. Podgianskiy. Izv. vys. ucheb. zav., stroit. i arkhit. 9 no. 1:156-160 '66.

Phosphorylation of polymers. G. F. Bobikh, T. P. Sakodnyshina. Vysokom. soed. 8 no. 2:343-346 F '66.

Polymer film materials for waterproofing structures. P. F. Shubenin, A. B. Matsinchik. Stroit. mat. 12 no. 3:28-29 Mr '66.

Porosity of copolymers synthesized in the presence of a nonpolymerizing solvent. A. A. Tager and others. Plast. massy no. 3:23-27 '66.

Preparation of polymers with a conjugation system by reaction of calcium carbide with dibromo derivatives. I. A. M. Pashkin, I. U. A. Markov. Vysokom. soed. 8 no. 2:339-342 F '66.

Protecting parts for strong bonding with polymeric coverings. M. Voroblagin. Tekhn. v sel', khoz. 20 no. 3:73-74 Mr '66.

Spectrophotometric method of studying the structure of (-)-menthyl methacrylate polymers. E. I. Khabumskii, M. I. Shvartsman, I. U. I. Petrov. Izv. AN SSSR Ser. khim. no. 2:223-226 '66.

Structure of polyacrolein. Report No. 2: Hydrogenation of polyacrolein. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:115-121 '61.

Synthesis, characteristics, and some properties of graft copolymers of cellulose acetates and poly-2-methyl-5-vinylpyridine. R. L. Kavallunas and others. Vysokom. soed. 8 no. 2:240-245 F '66.

Synthesis of water-soluble polymeric bases and production of ion-exchange membranes on their base. A. S. Tevtina, N. I. Skripchenko, G. S. Kolesnikov. Plast. massy no. 3:63-69 '66.

Use of polymer materials in water resources management. Z. I. Aroslavskii, E. K. Obrezkov. Gidrot. mel. 18 no. 1:55-58 Ja '66.

POLYMERS—OPTICAL PROPERTIES

Gradient dependence of the angles of orientation of dynamic birefringence in polymer solutions. V. P. Budtov. Vest. LGU 21 no. 4:47-56 '66.

POLYMERS—TESTING

Abrasion of polymers as a kinetic thermoactivation process. S. B. Raizer, E. G. Lur'e. Dokl. AN SSSR 166 no. 4:900-912 F '66.

New device for determining the brittleness of polymeric films and systems in a wide range of temperatures. M. G. Mazyrin, V. V. Timoshin. Trudy NIKFI no. 50:54-72 '62.

Physicochemical properties of cinematographic materials as film systems, and ways of their efficient construction and testing. I. M. Fridman, G. I. Belorusska, M. G. Mazyrin. Trudy NIKFI no. 50:5-18 '62.

Strength of polymer materials. P. M. Kozlov. Sbor. trud. MTU no. 4:40-44 '64.

POLYMERS—THERMAL PROPERTIES

Thermophysical properties of polymers in a wide range of temperatures. M. I. Miaschenko, A. V. Samoilov, V. A. Buchatskii. Plast. massy no. 3:59-61 '66.

POLYMERS—THERMODYNAMICS

Peculiarities of thermodynamic properties and the conformation of copolymers in solutions. I. A. Poddubnyi, E. G. Erenberg, G. G. Kartasheva. Dokl. AN SSSR 166 no. 5:1132-1135 F '66.

POLYMERS, HIGH see Macromolecular compounds

POLYNOMIALS

Accuracy of approximation of a function by a certain class of polynomials. T. A. Azharov, Kh. Mansurov. Izv. AN Uz. SSR. Ser. fiz., mat. nauk 10 no. 2:3-7 '66.

Evaluation of the remainder in the approximation of periodic functions of two variables by means of polynomials being the best in a given system of points. H. F. Iubanova, E. V. Koval'chuk. Dop. AN URSS no. 1:10-12 '66.

Expression of Lobachevskii-Greffe products for Laurent series using a determinant. I. V. Viten'ko, O. M. Kostovskiy. Dop. AN URSS no. 1:8-10 '66.

Factorization of polynomials over the GF(2) field. G. G. Ananashvili and others. Soob. AN Gruz. SSR 41 no. 1:120-124 Ja '66.

Recursion relations simplifying the derivation of approximating exponential polynomials. A. M. Zazudnyi, G. G. Men'shikov. Zhur. vych. mat. i mat. fiz. 6 no. 2:360-363 Mr-Apr '66.

Simultaneous computation of the values of several polynomials of low (second to fifth) degree. V. I. A. Fan. Zhur. vych. mat. i mat. fiz. 6 no. 2:352-355 Mr-Apr '66.

POLYPLOIDY

- Catalase activity and quality in diploid and tetraploid rye
S. M. Sokolova, E. A. Zhebrak Genetika no. 1, 11-11
1966.
- Evaluation of general and specific combining ability of
polyploid forms in diallelic crosses systems. V. K. Sa-
chenko. Genetika no. 1, 29-30 Ja '66.
- Geographical distribution of polyploid plant species;
study of the flora of the Maritime Territory, A. P.
Sokolovskaya Vest LQU 21 no. 3, 92-106 '66.
- Hybridization and polyploidy in tulip varieties produced
from wild Central Asiatic species. T. I. Petrova,
Z. M. Shina Genetika no. 2, 89-100 '66.
- Production of polyploidy in barley R. V. Pevgov,
Genetika no. 1, 171-172 Ja '66.
- Triple effect in the early stages of ontogeny in
Fragaria vesca L. N. M. Irkacva Genetika no. 2
115-122 '66.

POLYPROPYLENE

- Characteristics of large polypropylene deformations in a
wide temperature range G. G. Kaidash and others
Dokl. AN SSSR 166 no. 5, 1155-1157 F '66.
- Synthesis of isoprene from propylene. Kinetics of propy-
lene dimerization. V. Sh. Foltshilim and others, Nefte-
khimika 5 no. 4, 193-197 Ji-Ag '65.
- Synthesis of some S-substituted 2-(mercaptomethyl)
benzimidazoles and their study as polypropylene oxida-
tion inhibitors B. P. Fedorov and others Izv. AN
SSSR, Ser. khim. no. 2, 268-274 '65.

POLYSACCHARIDES

- Efficient method of the differential histochemical analysis
of polysaccharides. M. G. Shubich, Zh. K. Lopunova,
G. M. Mogil'naya Arkh. anat., gist. i embri. 50 no. 1
71-74 Ja '66.
- Histochemical data on mucopolysaccharides of the normal
mature tubular bone and hyaline cartilage. V. P. Modinev
Arkh. anat., gist. i embri. 50 no. 1, 62-68 Ja '66.
- Indices of the hydrolysis of polysaccharides by 85 to 90
percent sulfuric acid in the equilibrium stage of the re-
action. N. V. Chelov and others. Gidroliz, i lesokhim.
prom. 19 no. 2, 3-8 '66.
- Mucopolysaccharide histochemistry in healing skin wounds.
V. V. Vinogradov Arkh. pat. 28 no. 1, 40-53 '66.
- Polysaccharide composition in Chania V. A. Malozova,
Mikrobiologiya 34 no. 6, 956-959 N-D '65.
- Possible role of mucopolysaccharides in the regulation
of the peripheral nerve inhibition in Crustacea, V. G.
Orechkin. Fiziol. zhur. 52 no. 1, 65-72 Ja '66.
- Some chemical and biological properties of polysaccharide-
containing fractions of the plague microbe virulent
strain EV. E. P. Elymtseva and others Ukr. biokhim.
zhur. 38 no. 1, 84-89 '66.

PONDS

- Construction of a waterproof cutoff from Khvalynian
"chocolate" clays. F. I. Emel'yanov, Energ. stroit.
no. 5, 60-64 '65.

POPLAR—DISEASES AND PESTS see subdivision under Caucasus, Northern

POPOV, ALEKSEI DMITRIEVICH

- [Stage director, teacher and friend, a collection of
remembrances: Contemporaries on the work of A. D.
Popov] Rezhisser, uchitel', drug, sbornik vospominanii.
Sovremenniki o tvorchestve A. S. Popova. Moskva,
Vsesoy. teatr. ob-vo, 1966, 383 p. illus.

POPOVICH, PAVEL ROMANOVICH, 1930-

- Many-day group flight. P. Popovich, Av. i kosm. 45
no. 12, 13-18 '62.

POPPY

- Development of male and female gametophytes in the
opium poppy (Papaver somniferum L.) and California
poppy (Eschscholzia californica Cham.). V. O. Zaitseva,
Ukr. bot. zhur. 22 no. 1, 54-59 '65.

POPULAR FRONTS see subdivision under Poland

PORCELAIN

- Bone china. K. A. Stukalina, T. I. Tarasova. Slek. i ker.
23 no. 3, 29-30 Mr '66.

PORK

- Meat quality of young hybrid swine. A. N. Titov. Vest.
sel'khoz. nauk [Kazakh.] 9 no. 2, 45-48 F '66.

PORK INDUSTRY

- Kholiavin, B. I. [Application of the crop method in
the processing of hogs] Pererabotka svinei metodom
krupnotirovaniia. Moskva, Tsentr. in-t nauchno-
tekhn. informatsii pishchevot. promyshl., 1965, 13 p.
[MICROFILM]

POROSITY

- Adsorption and spectroscopic investigation of geometri-
cally modified wide-porous silica gels containing
ultrapores. N. V. Akhinskaya and others. Koll. zhur.
28 no. 1, 3-10 Ja-F '66.

- Determination of the structural characteristics of porous
silica. I. A. Kapkashchikova. Geofiz. sbor. no. 3, 41-
48 '65.

- Importance of the nature of intermicellar liquid in the
formation of silica gel porous structure. R. U. Shein-
fain and others. Koll. zhur. 28 no. 1, 142-145 Ja-F
'66.

- Relation between the total and apparent porosity in
ceramic metal Cu-Sn-C materials. A. B. Altman and
others. Poroshn. met. 6 no. 1, 41-45 Ja '66.

POROUS MATERIALS

- Calculating the gas dynamic resistance of a layer of
heated porous materials according to the gas dynamic
characteristics of a cold layer. V. I. Korotich, V. P.
Puzanov. Izv. vyz. ucheb. zav.; chem. met. 9 no. 2, 20-
25 '66.
- Determining mean dimensions of pores of sintered porous
metals. S. V. Belov. Izv. vyz. ucheb. zav.; mashinost.
no. 1, 158-163 '66.
- Investigating the permeability to gas of porous materials
A. P. Dubrovskii, P. A. Isacov. Poroshn. met. 6 no. 1, 40-
49 Ja '66.

POROUS MATERIALS—TESTING

- Statistical evaluation of the strength of specimens of
porous iron. A. I. Krasovskii. Poroshn. met. 8 no. 3
75-83 Mr '66.
- Strength characteristics of porous materials made of
high-melting compounds. E. M. Prashchinskaya,
I. U. P. Kukota, V. M. Stepiakov. Poroshn. met. 8 no. 3
84-87 Mr '66.

PORPHINE

- Dark and photochemical reduction of metal derivatives
of the porphine series. D. A. Savell'ev and others
Dokl. AN SSSR 167 no. 1, 135-138 Mr '66.
- Spectral studies of the reversible transformations of com-
pounds of the porphine series. A. N. Sidonov. Usp. khim.
35 no. 2, 356-391 F '66.

PORPHYRY see subdivision under Akhala region (Kazakhstan)

PORT ARTHUR—SIEGE, 1904-1905

- Submarines in besieged Port Arthur. I. A. Bykhovskii,
D. I. Voinilovich. Sudostroenie 56 no. 1, 87-91 Ja '66.

PORTAL VEIN—CANCER

- Intrahepatic system of the portal vein in secondary
(metastatic) cancer. E. A. Livshits, Sbor. nauch. rab.
vrachei Kkr. ASSR no. 4, 172-174 '62.

PORTAL VEIN—INFLAMMATION

- Difficulties in the diagnosis of acute appendicitis compli-
cated by pyelohidrosis. S. Z. Pashchenkov. Sov. med.
28 no. 2, 98-100 F '66.

PORTAL VEIN—RADIOGRAPHY see Splenoportography

POSITIVISM

- Critical analysis of Jean Louis Deslouches' positivist
deductions from the general theory of prediction. N. G.
Mikhlin. Mezhdvuz. filoz. sbor. Kish. un. no. 4, 97-104 '64.
- Useful book of a Leningrad sociologist. E. D. Medved'zhin-
skaya. Vop. filoz. 20 no. 3, 153-155 '66.

POSSIBILITY

- Dialectic elements in the categories of possibility and
reality. N. P. Vasil'ev. Mezhdvuz. filoz. sbor. Kish. un.
no. 4, 89-95 '64.

POST-MORTEM EXAMINATIONS see Autopsy

POSTAGE STAMPS

- (see also subdivision under Poland)

- Philately and history. L. L. Lepeshinskii. Vop. ist. 41
no. 3, 205-209 Mr '66.
- Special postage stamps. M. Levin, E. Sashenkov. Knizh.
torg. 17 no. 3, 44-45 Mr '66.

POSTAGE STAMPS—CATALOGS

- Catalog of the postage stamps of the U. S. S. R. issued in
1965. Knizh. torg. 17 no. 1, 43 Ja '66.

- A supplement to the catalog of the postage stamps of the
U. S. S. R. issued in 1966. Knizh. torg. 17 no. 4, 60
Ap '66.

- A supplement to the catalog of the postage stamps of the
U. S. S. R. Knizh. torg. 16 no. 12, 42 D '66.

- A supplement to the catalog of the postage stamps of the
U. S. S. R. Knizh. torg. 17 no. 3, 47 Mr '66.

POSTAGE STAMPS—COLLECTORS AND COLLECTING

- Each postage stamp is a new discovery. O. Bukharov,
Knizh. torg. 17 no. 4, 50-60 Ap '66.

POSTAGE STAMPS—DEALERS

- Equipment for the philatelic sections of bookstores.
P. Timofeev. Knizh. torg. 17 no. 3, 46-47 Mr '66.

POSTAGE STAMPS—TOPICS

- New Year's postage stamps. A. Smyslov. Knizh. torg.
16 no. 12, 40 D '65.
- The philately of outer space. E. Sashenkov. Knizh. torg.
16 no. 12, 40-42 D '65.

- Postage stamps of the last year. E. Sashenkov. Knizh.
torg. 17 no. 1, 10-11 Ja '66.
- Space philately. E. V. Milovidov. Zem. i vesl. 2 no. 1,
82-83 Ja-F '66.

POSTAL SERVICE—FINANCE

- Zaitsev, L. A. [Payment and receiving operations and
accounting for them in postal communication enter-
prises] Kasovyye operatsii i ikh uchët v predpriyatiakh
pochtovoi svyazi. Moskva, Svyaz', 1966, 78 p.

POSTERS

- New colorful posters. V. Shemenov. Knizh. torg. 16
no. 12, 17 D '65.
- Posters and their painters. V. Ivanov. Agitator 33 no. 4
11-41 F '66.

POSTOPERATIVE CARE

- Prevention of the embolism of extracranial blood vessels
in patients with congenital heart defects during
the postoperative period. A. N. Kaidash, M. I. Tikhonov.
Eksper. khim. i med. no. 1, 82-86 '65.

POSTOVAYA BAY (KHABAROVSK TERRITORY)—SHIPWRECKS

- Anchor of the frigate "Pallada." K. A. Shapovalov. Zap.
Primo. fil. Geog. ob-va SSSR no. 1, 120-127 '65.

POTASSIUM—ANALYSIS

- Radioactivation method of determining potassium in rock
using a magnetic β -separator. E. M. Lobanov, U. Akbi-
rov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 1, 77-80
'66.

POTASSIUM—PHYSIOLOGICAL EFFECT

- Sodium and potassium in rations for young animals.
V. A. Gorlunov. Vost. sel'khoz. nauki 10 no. 7, 103-105
Jl '65.

POTASSIUM BROMIDE CRYSTALS

- Formation of dislocations near the indenter mark and
scratch in KBr crystals. N. A. Tolopov, I. U. P. Udalov.
Izv. vyz. ucheb. zav.; fiz. 9 no. 1, 107-108 '66.

POTASSIUM CHLORIDE

- Physicochemical study of the system $\text{SeCl}_2 - \text{MCl}$.
Report No. 2. Possibility diagram of the system
 $\text{KCl} - \text{SeCl}_2$. N. I. A. Fedorov, E. S. Pechov. Izv. SO AN
SSSR no. 11, Ser. khim. nauk no. 3, 151-155 '64.
- Pressure and composition of vapor in the system $\text{KCl} -$
 ThCl_4 . Su Mian'-tszen [Su Mien-tseng], G. I. Novikov.
Zhur. neorg. khim. 11 no. 3, 498-503 Mr '66.

- Qualitative and semiquantitative determination of
manganese in the presence of chlorides. G. N. Butkin,
V. I. Shchepchenko. Izv. vyz. ucheb. zav.; khim. i khim. tekhn.
8 no. 6, 1028 '65.

POTASSIUM CHLORIDE—PHYSIOLOGICAL EFFECT

- Coronary insufficiency and necrosis of the myocardium
in cats caused by the introduction of potassium chloride
into the lateral ventricles of the brain. I. A. Bondarev,
V. S. Mitofanov. Biul. eksp. biol. i med. 61 no. 1, 37-
40 Ja '66.

POTASSIUM CYANOCOBALTIM CRYSTALS

- Determining the constants of the spin Hamiltonian of elec-
tron spin resonance from the points of intersection of
energy levels. A. N. Kozlova. Izv. vyz. ucheb. zav.; fiz.
9 no. 1, 120-131 '65.

POTASSIUM DICHLORATE—PHYSIOLOGICAL EFFECT

- Mechanism of the action of potassium dichlorate on the
secretory and motor function of the intestine. M. K.
Naumova. Farm. i toka. 27 no. 6, 712-713 N-D '64.

POTASSIUM FLUORIDES

- Phase equilibria in the system potassium fluoride - water
at elevated temperatures. M. A. Urusova, M. I. Navich.
Zhur. neorg. khim. 11 no. 3, 552-556 Mr '66.

POTASSIUM HYPOCHLORITE

- Oxidative potentials of platinum and titanium in a solution
of potassium hypochlorite. I. E. Pils, I. M. Vorob'ev.
Trudy LITISBP no. 16, 92-95 '65.

POTASSIUM ISOTOPES—PHYSIOLOGICAL EFFECT

- Distribution of K^{40} isotopes and doses of internal irradi-
ation in the organs and tissues of man and sheep. G. G.
Kim. Radiobiologiya 6 no. 1, 147-148 '66.

POTASSIUM METABOLISM

- Determination of potassium in the urine. I. U. P. Pili,
N. A. Mezer. Lab. delo no. 3, 164-166 '66.

POTASSIUM NITRATE see Saltpeter

POTASSIUM SALTS

- (see also subdivision under Solikamsk region)
- Isolines of the sodium content in the crystallization fields
of potassium salts on the diagram for a five-component
marine-type system. I. U. Alaberdiev. Uch. zap. Turk.
gos. un. no. 28, 51-60 '64.
- Quantity of water in the crystallization fields of potassium
salts on the diagram for a five-component marine-type
system. I. U. Alaberdiev. Uch. zap. Turk. gos. un.
no. 28, 61-63 '64.

POWDER METALLURGY (Continued)

- Preventing the growth of disperse particles in nickel. V. M. Sergeenkov. Porosh. met. 6 no. 3:71-71 Mr '66.
- Regularity of structure formation during the sintering of iron-graphite compositions. I. U. Morozov. Porosh. met. 6 no. 3:42-47 Mr '66.
- Sintering and the technical properties of heaters made of silicon carbide depending on its granular composition. M. I. Voronin, D. D. Khuycheva, R. I. Bruckner. Ogneupory 31 no. 2:43-45 '66.
- Sintering of graphite powders during chemical and heat treatment of carbide forming elements. A. I. Shestakov. Porosh. met. 6 no. 3:37-41 Mr '66.
- Spheroidization and high-frequency plasma discharge of an aluminum oxide powder. V. I. Khomskii, G. A. McIntire. Porosh. met. 6 no. 2:5-9 F '66.
- Statistical evaluation of the strength of specimens of porous iron. A. I. Krasovskii. Porosh. met. 6 no. 3:78-83 Mr '66.
- Studying the effect of small additions of disperse aluminum oxide inclusions on the characteristics of sintered nickel. V. P. Elutin and others. Porosh. met. 6 no. 2:35-39 F '66.
- Studying the mechanism of the sintering of powder-copper-aluminum alloys in the presence of a liquid phase. K. V. Savitskii, V. I. Ith, I. U. I. Kozlov. Porosh. met. 6 no. 1:5-11 Ja '66.
- Studying the technology of making bronze by the powder metallurgy method. V. N. Miroshnikov, I. M. Fedotchenko. Porosh. met. 6 no. 2:40-45 F '66.
- Zirconium diboride grain growth in the sintering process. M. A. Kuzenova, P. S. Kislyi. Porosh. met. 6 no. 1:11-15 Ja '66.
- POWDER METALLURGY—CONGRESSES**
- First All-Union Scientific Technological Conference on the subject "Equipment and automation in powder metallurgy." N. Z. Pozdnyak. Porosh. met. 6 no. 2:109-110 F '66.
- Third International Conference on Powder Metallurgy held in Eisenach (German Democratic Republic). A. I. Godes. Porosh. met. 6 no. 1:90-92 Ja '66.
- POWDER METALLURGY—ELECTROMETALLURGY**
- Effect of the current density and anode material on the electrocrystallization of powdered copper. L. M. Kurlyakova, A. V. Ponomarev. Elektrifikatsiya 2 no. 3:283-287 Mh '66.
- POWDER METALLURGY—EQUIPMENT AND SUPPLIES**
- All-Union scientific technical conference on "Equipment and automation in the powder metallurgy." N. Z. Pozdnyak. Vest. mashinost. 46 no. 2:80 F '66.
- POWER ENGINEERING**
(see also subdivision under Moscow, Uzbekistan)
- All-Union Scientific and Technical Conference of the Power Engineering Workers of Ferrous and Nonferrous Metallurgical Enterprises. I. A. Varshavskii. Prom. energ. 20 no. 4:46-48 Ap '65.
- Chemistry in power engineering. V. Bol'shakov. Inform. bini VDNKh no. 4:9-10 '66.
- Contribution of Soviet power engineers to the 23d Congress of the CPSU. Energetik 14 no. 3:1-2 Mr '66.
- In brief about new developments. Prom. energ. 20 no. 4:53-55 Ap '65.
- In the factories. Prom. energ. 20 no. 4:56-59 Ap '65.
- Power engineering specialists. Prom. energ. 21 no. 3:41-42 Mr '65.
- Proposed regulations for the technical operation of the electrical systems of consumers. Prom. energ. 21 no. 3:42-44 Mr '66.
- Through the pages of foreign magazines. Energetik 14 no. 3:15 Mh '66.
- Through the pages of trade journals. Prom. energ. 20 no. 4:63 Ap '65.
- POWER ENGINEERING—BIBLIOGRAPHY** see Bibliography—Power engineering
- POWER ENGINEERING—EQUIPMENT AND SUPPLIES**
- Use of scheduled preventive maintenance of power engineering equipment. N. A. Afanas'ev, A. P. Savanov. Prom. energ. 20 no. 4:2-5 Ap '65.
- POWER ENGINEERING—FINANCE**
- Concerning D. A. Arzamastsev's article "Comparison of the variants of capital investments with operational expenditures varying within the year." V. G. Zhuravlev. Izv. vys. ucheb. zav., energ. 9 no. 3:125-126 Mr '66.
- Reply to V. G. Zhuravlev. D. A. Arzamastsev. Izv. vys. ucheb. zav., energ. 9 no. 3:126-127 Mr '66.
- POWER ENGINEERING—PATENTS**
- Discoveries and inventions. Prom. energ. 20 no. 4:56-58 Ap '65.
- POWER ENGINEERING—PERIODICALS**
- Conferences of the readers of "Teploenergetika" held in 1965. Teploenergetika 12 no. 12:87-88 D '65.
- Subject plan of "Teploenergetika" for 1966. Teploenergetika 12 no. 12:85-87 D '65.

POWER ENGINEERING—SAFETY MEASURES

- Conference on properly documented designs and plans for safety engineering in electric power engineering and construction. Energ. stol. no. 7:94-96 '65.

POWER ENGINEERING—STUDY AND TEACHING

see subdivision under Moscow

POWER PLANTS

- Comparative analysis of the start modes of a steam and gas system with a high-pressure VPG-120-100/540 steam generator. M. I. Koneev, Kh. G. Damirchian, M. I. Zaslavskii. Teploenergetika 13 no. 1:2-6 Ja '66.
- POWER PRESSES**
- Automatic press for performing fibrous materials. S. N. Beliaev, A. S. Dzhev, V. P. Chetnikov. Sber. tr. MVTU no. 1:74-83 '64.
- Introducing a high-speed automatic press. V. P. Saval'ov. Biol. tekhn. ekon. inform. Gos. nauch. i. inst. nauch. i. tekhn. inform. 10 no. 1:10-20 Ja '66.
- Operating efficiency of screw presses in the processing of grapes. A. V. Ivanenko. Kons. lov. prom. 21 no. 3:12-13 Mh '65.
- Pressing power and the relationship between rigidity of the bed and the mechanism of the external slider of a double-action press. N. P. Katkov. Izv. vys. ucheb. zav., mashinost. no. 12:117-122 '65.
- POWER PRESSES—DESIGN AND CONSTRUCTION**
- Setting crankshaft forging presses in a metallic frame. I. L. Miloslavskii, A. P. Sukhov, E. M. Pandilov. Kuz. - shtam. prozv. 8 no. 2:34-38 F '60.
- Standards for the rigidity of forging presses. V. T. Meshcherin and others. Kuz. - shtam. prozv. 8 no. 2:21-20 F '66.
- POWER PRESSES—ELECTRIC DRIVING**
- Design and calculation of the electric drive for peat briquetting presses based on the standard load diagram. V. A. Artshkevskii. Tr. i. prom. 13 no. 1:33-30 '66.
- POWER PRESSES—PNEUMATIC DRIVING**
- Performance of a pneumatic power hammer in an automatic line for the hot briquetting of scrap metal. P. S. Oksenenko. [Nauch. trudy] ENIKMAsha 10:52-61 '65.
- POWER RESOURCES**
(see also subdivision under Cuba)
- Chemistry, power production, and fuel. V. Moshvin. Kom. mundet 42 no. 1:35-38 Mr '66.
- Use of secondary power resources in nonferrous metallurgy enterprises. I. U. A. Bykhovskii. Prom. energ. 21 no. 3:2-8 Mr '66.
- Ways to economize power supply resources in the chemical industry. V. V. Vozdvizhenskii. Khim. prom. 42 no. 3:101-104 Mr '66.
- POWER TOOLS**
- Nasonkin, A. P., and A. A. Zakidyshev. [Laboratory and practical work with electrical equipment] Laboratornye raboty i prakticheskie zadaniya po elektrotekhnologii. Kiev, Izd-vo Kievskogo univ., 1965. 100 p.
- POWER TRANSMISSION**
- Determining the irregularity of the performance of an automatic transmission. V. M. Lobusov. Izv. vys. ucheb. zav., mashinost. no. 1:28-34 '65.
- PRAGMATISM**
- Gnosological and class roots of pragmatism. I. M. Esin. Uch. zap. kaf. mar. - len. filios. no. 5:116-137 '65.
- PRAGUE—BALLET**
- The new ballet of Prague. I. Miagkova. Teatr 27 no. 2:154-156 F '66.
- PRASEODYMIUM**
- Absorption and luminescence spectra of the Pr^{3+} ion in the $CaWO_4$ single crystal. I. B. Aizenberg, F. Z. Gil'fanov, A. L. Stolov. Izv. vys. ucheb. zav., fiz. 8 no. 1:46-53 '66.
- PRASEODYMIUM COMPOUNDS**
- Solubility diagram of the lanthan system $Pr(NO_3)_3 - HNO_3 - H_2O$ at $+25^\circ C$. K. E. Mironov, E. D. Sintayna, A. P. Popov. Izv. SO AN SSSR no. 11, Ser. khim. nauk no. 3:48-54 '64.
- PRECAST CONCRETE**
(see also subdivision under Tiflis)
- Calculated strength of concrete and reinforcement in precast reinforced concrete elements. R. G. Sukhovae. Bet. i. zhel. - bet. 12 no. 2:37-39 F '66.
- Standard method of calculating production costs by stages. I. Ignat'eva. Bukh. uch. no. 2:24-30 F '66.
- PRECAST CONCRETE—TESTING**
- Full-scale investigation of the resistance of precast concrete flume-canals to dynamic action. B. N. Masov, R. Ozerberdyev. Stroitel. arkhit. Uzb. 6 no. 6:25-28 Je '65.

Ultrasonic testing of the strength of concrete in the construction industry. V. P. Vasilovskii, M. A. Ordulii. Energ. stol. no. 7:90-93 '65.

PRECAST CONCRETE CONSTRUCTION

- (see also subdivision under Kiev Province; Tallinn)
- Along the path pointed out by the party. F. Neevin. Flak. stol. no. 8:15-20 Ag '64.
- Efficiency of using precast reinforced concrete. V. Mal'ugin. Ekon. stol. no. 8:21-25 Ag '64.
- Instruction on the assembly of precast reinforced concrete elements of industrial buildings and structures. Biol. stol. tekhn. 26 no. 1:17-10 Ja '66.
- Heat treatment and the cost of precast reinforced concrete products. I. A. Talosnik, I. P. Dushnec. Bet. i. zhel. - bet. 11 no. 3:28-30 Mh '65.
- Precision in preparing and assembling precast reinforced concrete elements in the basis for the improvement of the quality of construction. L. V. Mitgare, M. A. Kopechugov. Bet. i. zhel. - bet. 11 no. 3:1-4 Mh '65.
- Review of a brochure by Candidate of the Economic Sciences V. N. Mallugin "Effectiveness of using precast lightweight concrete elements." V. Koldyash. Bet. i. zhel. - bet. 12 no. 2:40-41 F '66.
- Riverbank pumping stations from precast reinforced concrete. V. I. A. Bion, A. I. Shkumat. Energ. stol. no. 4:46-13 '64.
- Span roof from reinforced concrete arcs of double curvature for industrial buildings. M. P. Maugulian, A. D. Novitskii. Energ. stol. no. 7:18-25 '65.
- Technology of repairing precast reinforced concrete for major repair of apartment houses. V. D. Kirelov. Nauch. trudy AKKII no. 31 Zhil. khoz. no. 3:90-93 '64.
- PRECAST CONCRETE CONSTRUCTION—COSTS**
- Engineering and economic considerations for the using of precast reinforced concrete. M. A. Reut. Energ. stol. no. 5:80-82 '65.
- PRECIPITATION (CHEMISTRY)**
- Apparent volume of precipitates in the binary systems of metal hydroxides. V. P. Chalyi, Z. I. A. Makarov, V. T. Zoria. Ukr. khim. zhur. 32 no. 2:146-147 '66.
- Coprecipitation of microgram quantities of elements with germanium dioxide. E. A. Khar'ev, L. E. Shostakov, S. V. Ponomareva. Zhur. neorg. khim. 11 no. 3:671-673 Mr '66.
- Coprecipitation of nickel traces with magnesium hydroxide (basic salts) from magnesium sulfate solution. V. T. Chufko, V. I. Doroshkov. Zhur. neorg. khim. 11 no. 3:558-563 Mr '66.
- Coprecipitation of radioactive isotopes of barium and strontium with lead sulfate. B. Tol. B. V. Gionov. Radiokhimiya 8 no. 1:13-8 '60.
- Distribution of the microcomponent between the precipitate in the collector and a solution in a countercurrent coprecipitation. N. S. Fortunatov, L. E. Shostakov. Ukr. khim. zhur. 32 no. 1:87-94 '66.
- Investigation of the hydroxides of titanium, zirconium, and simultaneously precipitated hydroxides of titanium and lead, zirconium, and lead. I. N. Beliaev, S. A. Arzamastseva. Zhur. neorg. khim. 11 no. 3:104-107 Mr '66.
- PRECIPITATION (METEOROLOGY)**
- Ability of different types of precipitation for washing out fission products from the atmosphere and characteristics of the washing. K. P. Makhol'ko, G. V. Pankratova. Izv. AN SSSR, Fiz. atm. i. okeana 2 no. 3:297-304 Mr '66.
- Washing away of radioactive aerosols by atmospheric precipitation in the subcloud layer. P. I. Chafov, M. A. Tsevelev. Izv. AN SSSR, Fiz. atm. i. okeana 2 no. 2:295-207 F '66.
- PRECIPITATION (METEOROLOGY)—MEASUREMENT** see subdivision under Kamannaya Steppe
- PRECISION CASTING—DEFECTS**
- Mineral fusion during precision casting. N. M. Prokhorov. Lit. prozv. no. 2:33-35 F '66.
- PREGNADIENEDIONE**
- Spectrophotometric and photoelectrocolorimetric determination of prednisone and prednisolone and their medicinal forms using 2, 3, 5-triphenyltetrazole chloride. L. I. Kovalenko. Farmintsev. zhur. 20 no. 4:5-8 '65.
- PREGNADIENETRIONE**
- Spectrophotometric and photoelectrocolorimetric determination of prednisone and prednisolone and their medicinal forms using 2, 3, 5-triphenyltetrazole chloride. L. I. Kovalenko. Farmintsev. zhur. 20 no. 4:5-8 '65.
- PREGNADIENETRIONE—PHYSIOLOGICAL EFFECT**
- Effect of cortisone and prednisone on the renal excretion of water and electrolytes in mice and rats. I. U. I. Ivanov. Farm. i. toks. 20 no. 1:80-80 Ja-F '66.
- PREGNANCY**
- Characteristics of the color precipitation reaction of the urine in pregnancy. I. U. A. Gurkin. Lab. delo no. 3:158-168 '66.

PREGNANCY, COMPLICATIONS OF

- Changes in serum protein composition during normal pregnancy and late toxemia, an electrophoretic study
L. G. Sotnikova. *Sov med.* 29 no. 1 64-67 Ja '66
- Course of anemia in pregnant women, its clinical aspects, diagnosis, and treatment
M. S. Lashchenko. *Sov med.* 29 no. 2:130-132 F '66
- Course of pregnancy in arterial hypotension.
A. I. Gurova. *Azerb. med. zhur.* 13 no. 3 68-73 Mr '66
- Development of a hypoplastic state of hemopoiesis during pregnancy
K. M. Abdulkadyrov. *Sov med.* 29 no. 1 122-125 Ja '66
- Differential diagnosis of pregnancy terminated at an early date.
F. I. Mirzoev. *Azerb. med. zhur.* 41 no. 12: 40-41 D '64
- Effect of hypochromic anemia of the mother on the state of the erythrocytes of the child
L. G. Afonina, T. N. Vaitova. *Azerb. med. zhur.* 42 no. 11 23-30 N '65
- Histogenesis of the heart and its disorders under the effect of harmful factors.
B. N. Kiselevskii, V. A. Ermakova. *Vest. AMN SSSR* 21 no. 4 50-65 '66

PREGNANCY, EXTRAUTERINE

- Endoscopy of the abdominal cavity in the diagnosis of extrauterine pregnancy with an obscure clinical picture.
N. M. Dorofeev. *Sov med.* 29 no. 1:117-120 Ja '66

PREGNANCY, PROTRACTED

- Some biochemical indices of the blood in protracted pregnancy.
R. N. Gushinov, F. G. Mamedova. *Azerb. med. zhur.* 42 no. 11:3-7 N '65

PRELIMINARY EXAMINATIONS (CRIMINAL PROCEDURE)

- Akinola, N. A. [The suspect and the accused at a preliminary hearing] *Podozraenyi i obvinennyi na predvaritel'nom sledstvi. Pod obshchey red.* A. L. Tsyplina. Saratov, Privolzhskoe knizhnoe izd-vo, 1964. 70 p. (CSt-II)

PREOPERATIVE CARE

- Role of antihypertensive drugs in the preoperative preparation of patients with thyrotoxicosis.
D. A. Makar, S. R. Barviniskii, V. M. Ural, Klin. khir. no. 1:11-14 '65
- Selection and preoperative preparation of patients for mitral commissurotomy.
O. I. Lashukova, N. P. Kozhevnikova, E. N. Kozlova. *Sov. med.* 27 no. 5:25-29 My '64
- Thermoregulatory reactions and their changes under the effect of preoperative care in thyrotoxicosis patients.
B. F. Brailovskaya. *Sov. med.* 27 no. 5:41-45 My '64

PRESCHOOL EDUCATION see Education, Preschool

PRESCRIPTION WRITING—HANDBOOKS, MANUALS, ETC.

- Rodionov, P. V., ed. [Prescription manual] *Recepturnyy spravochnik. Izd. 4., ispr. i dop.* Kiev, Zdorov'ia, 1966. 623 p. (DNLM)

PRESS

- (see also subdivision under Poland; Uzbekistan)
- M. Gor'kii and the Soviet press.
V. D. Pel't. *Vest. Mosk. univ.* Ser. 7: Filol., zhur. 20 no. 6:36-48 N-D '65

PRESS AND PROPAGANDA

- We shall be ready! *Sov. pech.* no. 3:2-4 '66

PRESSING OF GARMENTS

- First conference of the representatives of higher education institutions on the steam pressing of clothing goods
I. V. Orlov. *Izv. vys. ucheb. zav. i tekhn. log. prom.* no. 1: 195-198 '66
- Steaming of fabrics with a 25 percent nylon content.
I. V. Orlov, M. P. Brezenenko. *Leh. prom.* no. 1: 43-48 Ja-F '66

PRESSURE

- Approximate method of determining the relationship between suction pressure and the time after the pumping station has been shut down.
B. V. Vinazov. *Transp. i khim. nefit i nefteprod.* no. 2:14-16 '66
- Determining the hydrostatic pressure of the degassed and aerated column of flushing fluids on well bottoms.
E. Kh. Mekhtiev. *Azerb. nefit. zhur.* 41 no. 12:7-9 D '65
- Increase in pressure in the lower sections of a pipeline in consecutive pumping.
I. V. Krylov, E. M. Bletkhor, V. I. Chernik. *Transp. i khim. nefit i nefteprod.* no. 2: 3-6 '66
- Maximum static pressures occurring in a well in gas manifestations.
V. D. Shevtsov. *Izv. vys. ucheb. zav. i nefit i gaz* 9 no. 1:31-34 '66
- Pressures acting on casings in deep wells.
A. D. Krasuk. *Mash. i nefit. obor.* no. 2:12-13 '66

PRESSURE GAUGES

- Self-registering vibrationproof SMK-1 manometer.
G. D. Munkhin. *Trudy VNIKhaneftgaz* no. 155-57 '65

PRESSURE REGULATORS

- Conditions of invariance in regulating the pressure in furnaces.
P. G. Bazarovskii. *Izv. vys. ucheb. zav. i khim. mel.* 9 no. 2 152-158 '66
- Insensitivity of membrane-band regulators.
A. V. Leonova. *Izv. vys. ucheb. zav. i mashinost.* no. 12 32-39 '65
- Stabilization of the pressure of liquids in closed vessels
A. I. Lebedev, V. V. Matveev. *Priburostroenie* no. 1 16 M '66

PRESSURE REGULATORS—DESIGN AND CONSTRUCTION

- High-precision regulators of pressure.
A. N. Kazanskii. *Svar. protzv.* no. 1:12 Ap '66

PRESSURE VESSELS—DESIGN AND CONSTRUCTION

- New technology for making neck and bottom type forgings.
V. O. Ostania, N. E. Sidorov. *Kuz. i shtam. protzv.* 8 no. 2:7-8 F '66

PRESSURE VESSELS—MODELS

- Testing the base metal, welded joints, and experimental models of pressure vessels made of EP257 high-strength steel.
S. A. Kurkin and others. *Avtom. svar.* 19 no. 1: 43-49 Ja '66

PRESSURE VESSELS—TESTING

- Testing the base metal, welded joints, and experimental models of pressure vessels made of EP257 high-strength steel.
S. A. Kurkin and others. *Avtom. svar.* 19 no. 1: 43-49 Ja '66

PRESTRESSED CONCRETE PRODUCTS—CONGRESSES

- Results of the conference on prestressed reinforced concrete elements for industrial buildings.
V. N. Baikov. *Bet. i zhel.-bet.* 12 no. 2 46-48 F '66

PREVENTION OF CRIME see Crime prevention

PRICE POLICY

- What is price? V. Shkatov. *Agitator* 33 no. 3:21-23 F '66

PRICE REGULATIONS see subdivision under Estonia

PRICES

- Discussion of reports.
Vest. AN SSSR 36 no. 2:78-90 F '66
- Optimal planning and price determination.
N. P. Fedorenko. *Vest. AN SSSR* 38 no. 2:70-77 F '66
- Price determination and trade discounts.
Sh. Turetskii. *Sov. tovg.* 39 no. 3:5-10 Mr '66
- Problems in the planning of prices in the socialist economy.
V. P. D'kachenko. *Vest. AN SSSR* 39 no. 2: 62-69 F '66
- What is price? V. Shkatov. *Agitator* 33 no. 3:21-23 F '66

PRINEN DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

- [Enthusiasts of press distribution; experience of Prienai District distributors of the press. Translated from the Lithuanian] *Entuziast paspauslaimu paskali; opyt rasprostraneniolo pechali Prienskogo rajona.* Vilnius, Gazetno-zhurnal'noo izd-vo, 1964. 42 p. (CSt-II)

PRIMATES

- Is a revolution in primatology possible at this time?
B. P. Porshnev. *Vop. filoz.* 20 no. 3:108-119 '66

PRINCIPALS (CRIMINAL LAW)

- Qualifying criteria shall be more precise.
P. Tel'mov. *Sov. iust.* 30 no. 7:9-10 Ap '66

PRINTING

- For further improvement of printing.
Poligrafia no. 6: 1-2 Je '64
- How to use price list No. 57-01-21 correctly.
V. M. Ignatovich. *Poligrafia* no. 6:30-32 Je '64
- Journalist and printer.
V. N. Kuznetsov. *Poligrafia* no. 6:32-33 Je '64

PRINTING—STUDY AND TEACHING

- More on the training of personnel.
V. Kuzin. *Poligrafia* no. 6:7-8 Je '64

PRINTING INDUSTRY see subdivision under Moscow; Vorkuta (Komi A.S.S.R.)

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES

- [Technology and equipment of the woodpulp, paper, and printing industry] *Ref. zhur. i tekhn. i obor. i sel. i bum. i poligr. protzv.* no. 2 F '66

PRINTING MACHINERY AND SUPPLIES

- Ananina, E. V., and B. M. Mordovint. [Methods of calculating the power balance of printing machinery] *Metody rascheta energobalansa poligraficheskikh mashin, uchebnoe posobie.* Moskva, Mosk. poligr. in-t, 1965. 38 p.
- Controlled feeding of ink.
L. Liaterman. *Poligrafia* no. 6:26-27 Je '64

- Durability and reliability of machinery constitute important economic indices.
L. M. Khufets. *Poligrafia* no. 6:6-7 Je '64

- Izbitskii, E. I. [Automatized control of the technical processes in printing] *Avtomaticheskoe upravlenie i regulirovanie tekhnologicheskikh protsessov v poligrafii, uchebnoe posobie.* Moskva, Mosk. poligr. in-t, 1965. 182 p.

- Rating plates of printing machinery should be more detailed.
I. I. Khvachkin. *Poligrafia* no. 6:4-5 Jr '61
- Ways of reducing the cost of synthetic rollers.
S. I. Shkol'nik and others. *Poligrafia* no. 6:21-22 Je '64

PRINTING MACHINERY AND SUPPLIES—PATENTS

- [Patent literature on problems of the printing industry, 1961, a bibliographical index] *Patentnaya literatura po voprosam poligraficheskogo proizvodstva 1961 god, bibliograficheskii ukazatel'.* [By] E. I. Nemitskii. Moskva, Kniga, 1965. 254 p. (See the bibliographical index)

PRINTING PLANTS—NOISE

- Noise control in plants deserves important attention.
I. M. Serbulyan. *Poligrafia* no. 6:8-10 Je '64

PRIVILEGES AND IMMUNITIES, ECCLESIASTICAL

- Philological analysis of the "tarkhan" licenses issued by the Khans of the Golden Horde to Russian Metropolitan.
A. K. Borovkov. *Izv. AN SSSR. Ser. lit. i iaz.* 25 no. 1:13-24 Ja-F '66

PROBABILITIES

- Capacity of a set in signal space, and the Riemannian metric.
V. P. Kozlov. *Dokl. AN SSSR* 166 no. 4 776-782 F '66
- Probabilistic analysis of the resources of an industrial complex.
I. U. A. Pollatov. *Trudy MINKHGP* no. 59: 47-59 '65

PRODUCE TRADE

- (see also subdivision under Balashov District; Georgiyevsk District; Rasskazovo District, Ukraine)
- Agricultural and forest products.
BNI [Philo] no. 2: 155-215 Ap '66
- How the new procurement system of agricultural products benefits collective and state farms.
L. Grushetskii, N. Tiapkin, A. Matveeva. *Zakup. sel'khoz. prod.* no. 7:12-15 J '65
- Improvement of the procurement of agricultural products.
L. R. Koniets. *Zakup. sel'khoz. prod.* no. 6:1-4 Je '65
- New year brings important tasks.
Zakup. sel'khoz. prod. no. 1:1-3 Ja '66
- Procurement news.
Zakup. sel'khoz. prod. no. 1:54-56 Ja '66
- Replies to readers' questions.
Zakup. sel'khoz. prod. no. 1:15 Ja '66
- What is new in procurement.
Zakup. sel'khoz. prod. no. 6:5-8 Je '65

PRODUCTION ENGINEERING

- Economic efficiency of automobile lines.
A. A. Khoteev. *Vest. mashinost.* 46 no. 2:77-79 F '66
- Iakobson, M. O. [Technology of the manufacture of machine tools] *Tekhnologiya stankostroeniia. Izd. 2., perer. i dop.* Moskva, Mashinostroenie, 1966. 475 p.

- Promoting a perfect organization of production.
V. P. Gusev. *Mashinostroenie* no. 3:40-41 M '66

PRODUCTION ENGINEERING—SCHEDULING

- Planning and management of production processes should be on a scientific base.
A. I. Chudenski. *Mashinostroenie* no. 3:5-9 M '66

PRODUCTION STANDARDS

- (see also subdivision under Moscow)
- Production is at the world level.
I. S. Molisev, E. O. Turgan. *Standartizatsia* 29 no. 12:5-8 D '65
- Russia (U.S.S.R.) *Glavnoe upravlenie organizatsii i zarubinoi platy.* [Technically based time norms for repair work] *Tekhnicheski obosnovanye normativy vremeni na remonnoye raboty.* Izd. 2. Moskva, Rossel'khozizdat, 1966. 131 p.

PRODUCTIVITY ACCOUNTING

- Determination of the operative efficiency of equipment and labor productivity in textile enterprises.
M. L. Fevner. *Izv. vys. ucheb. zav. i lekhn. tekhn. prom.* no. 1:8-13 '66

PRODUCTS LIABILITY

- Certain problems of manufacturers' (supplier's) liability for the quality and completeness of delivery of supplied goods.
I. P. Sov. i pravo 36 no. 3:132-137 Mr '66
- Liability for the cooperative deliveries of deficient goods.
I. U. Kosmin. *Rad. pravo* 29 no. 3:19-22 Mr '66

PROFIT

- How the industrial enterprises of our country make and distribute their profits.
I. U. Konstantinov. *Komm. Vooruzh. Sil* 47 no. 7:85-87 Ap '66
- How to use the report of an industrial enterprise for the analysis of its profit.
M. Kokotina. *Vest. stat.* no. 3: 51-58 '65

PROFIT (Continued)
Profit and its role in the stimulation of production. Sols. trud 11 no 3 137-144 Mr '66
Profitability and credit. Z Atlas Den i kred 24 no. 2 8-16 F '66

Regulation of the rate of profitability. E. Liberman, Z. Zilinskii, Plan. khoz. 43 no. 3:28-36 Mr '66.

PROGRAMMED INSTRUCTION

(see also subdivision under Chelyabinsk Province)

Creating the instruction program on theoretical mechanics. A. M. Doroshkevich Vest vs. shkoly 24 no 2:39-47 F '66

Programming in the educational process. T. Bostim'ta-nov, Prof. tekhn. obs. 23 no 2 3-5 F '66

Regel'son, L. M. [Institutions of higher learning and programmed instruction] Vysshaya shkola i program-mirovanie obucheniya. [Moskva] Izd-vo Mosk. univ., 1966, 51 p.

Shenshev, L. V. [Role and place of teaching machines in the system of programmed instruction; materials for the 4th All-Union Conference on Programmed Instruction and the Application of Audio-Visual Equip-ment] K voprosu o roli i meste obuchalushchikh mashin v sisteme programirovannogo obucheniya; material k IV-Vsesoyuzskoi konferentsii po programirovannomu obucheniiu i primeneniui tekhnicheskikh sredstv. Moskva, Pedagogicheskoe obshchestvo RSFSR, 1965, 22 p.

[MICROFILM]

Thoughts on the programmed textbook. E. P. Gersht, Vest. vs. shkoly 24 no 2:37-39 F '66

Two conferences on programming. P. F. Malyshev, Sred. spets. obr. 13 no. 2 47-48 F '66.

PROGRAMMED INSTRUCTION—CONGRESSES

Republicwide conferences, comments by the representa-tives of White Russia and the Baltic Republics. E. B. Lozhechnikov Vest vs. shkoly 24 no. 2:46-47 F '66.

PROGRAMMING (ELECTRONIC COMPUTERS)

Description of standard programs for calculating ring systems in steady flow. V. S. Kuz'min Trudy MINKHIGP no 58 113-116 '65.

One method for reducing to the minimum disjunctive nor-mal form and its realization on an electronic computer. N. M. Dzharafova S. V. Pshenichnikova Trudy Vych. isentra AN Azerb. SSR 3 14-18 '65

Program for calculating a series of pseudorandom numbers. A. S. Frolov, N. N. Chel'nikov. Trudy MINKHIGP no. 58 85-88 '65

Theoretical prerequisites of determining the possibilities of solving creative scientific problems with the use of cybernetic machines. I. E. S. Zhaykov, V. O. Lysechkin. Filos. probl. such. pr. i rod. no 4:117-129 '65.

PROGRAMMING (MATHEMATICS)

Bellman, Richard. [Applied dynamic programming. Translated from the English] Prikladnye zadachi dinamicheskogo programmirovaniya. Moskva, Nauka, 1965, 457 p. (CSImCR)

Dynamic programming problem for multistage processes. V. V. Leonov, Disk. anal. no. 2:48-55 '64.

Solution of the kinetic transport equation using the fractional step method. U. M. Sultagazin. Izv. AN Kazakh. SSR. Ser. fiz.-mat. nauk 4 no. 1 31-39 Ja-Mr '68.

PROGRAMMING LANGUAGES (ELECTRONIC COM-PUTERS)

Use of the method of local variations in solving optimum control problems. I. A. Krylov, F. L. Chernous'ko Zhur. vych. mat. i mat. fiz. 6 no 2 203-217 Mr-Apr '66.

PROHIBITED BOOKS

Illegal and banned publications acquired by the V. I. Lenin Library of the U.S.S.R. from the collection of V. A. Desnitskii, L. N. Petrova. Trudy Gos. bibl. SSSR 9:95-107 '66.

PROKOF'EV, SERGEI SERGEEVICH, 1891-1953

The sun in music. G. Pozhidaev, Sov. voln 48 no 7-32 Ap '68.

PROLETARSKAYA DISTRICT (ROSTOV PROVINCE)—

ANIMAL GUT INDUSTRIES

Animal-gut purchasing agent. V. Rotstein, Zakup. sel'khoz. prod. no. 7:46 JI '65.

PROMEDOL—PHYSIOLOGICAL EFFECT

Effect of promedol on water diuresis. O. G. Onisko, Farm. i toks. 27 no 6:730-740 N-D '64.

Studies on the effect of morphine and promedole on the bulbar vasomotor center. G. V. Kovalev, Farm. i toks. 27 no. 6 665-660 N-D '64.

PROOFREADING

Kamenetskii, L. M., I. S. Kozorovitskaya, and B. G. Tkachenko. [Proofreading] Korrekturna. Moskva, Kniga, 1966, 327 p.

PROPAGANDA

Foreign policy propaganda of imperialism. IU. Arbatov, Mir ekon. i mezhdunar. otn. no. 3:32-42 '66.

PROPAGANDA, ANTICOMMUNIST

(see also subdivision under United States)

"Fourth dimension" of the imperialist foreign policy. V. Kellin. Mezhdunar. zhizn' 13 no. 4:81-91 '66.

PROPANE

Derivatives of polyhydric alcohols. Part 2: Composition of high-boiling by-products of trimethylpropane synthesis. S. Z. Kaplan and others. Zhur. org. khim. 2 no. 3 425-428 Mr '66.

PROPANOL

Catalytic dehydrogenation of γ -trialkylsilylpropyl alcohols. Part 3. G. V. Golodnikov, T. G. Shavva, Zhur. ob. khim. 36 no. 2 337-356 F '65.

Effect of the conditions of reaction on the synthesis of 1-nitro-2-methyl-2-propanol. V. I. Buzmisl'ov, A. Z. Vakhitov, Zhur. prikl. khim. 39 no. 2 393-398 F '65.

Mechanism of acyl rearrangement in the reaction of thioacids with 2,3-dibromo-1-propanol esters. E. D. Sverdlov, and others. Dokl. AN SSSR 166 no 5:1113-1116 F '66

PROPELLERS

Choice of the type of gear drive and propeller for hydrofoil boats. B. A. Tikhomirov and others. Sudostroenie 66 no. 2:25-29 F '66.

Water-jet propellers and their further development. N. V. Korytov, Mor. sbor. 48 no. 3:71-77 Mr '66.

PROPENE

Propyleneylation in the gas phase. V. IU. Gonkin and others. Khim. i tekhn. topl. i masel 11 no. 4:8-10 Ap '66.

Oxidative ammonolysis of propylene on modified bismuth molybdates. L. K. Kolchin and others. Neftekhimiya 5 no. 4:573-578 Ju-Aug '65.

Products of diisobutylene oxidation. L. I. Anisus, Dokl. AN SSSR 166 no. 4 857-860 F '66.

PROPERTY

Property rights of spouses. IU. Vast'ev, Sov. iust. 30 no. 7:7-8 Ap '66.

PROPIOLIC ACID

Furylalkynes. Part 7. Furylpropiotic acids. L. I. Veroshchagin and others. Zhur. org. khim. 2 no. 3:522-529 Mr '66.

PROPIONALDEHYDE

Studying the physicochemical properties of the system propionaldehyde - n-propyl alcohol - isobutyl alcohol - water. A. S. Mozzukhin and others. Khim. i tekhn. topl. i masel 11 no 4:11-15 Ap '66.

PROPIONIC ACID—PHYSIOLOGICAL EFFECT

Comparison of the adrenolytic properties of esters formed by tropine and other amino alcohols with derivatives of α - and β -diphenylpropionic acid. L. N. Gorchikov, M. D. Mashkovskii, Farm. i toks. 29 no. 1:31-39 Ja-F '66.

PROPIONIC ACID BACTERIA—CULTURES AND CULTURE MEDIA

Amino acid composition of the protein of methane-produc-ing and propionic acid bacteria. L. A. Mavrina, V. A. Kuznetsova, Prikl. biokhim. i mikrobiol. 2 no. 1:97-100 Ja-F '66.

Comparative physiological and biochemical study of Myco-bacterium luteum and Propionibacterium shermanii. L. I. Voi'ova and others. Mikrobiologiya 3 no. 6; 1083-1097 N-D '65.

Effect of cultivation conditions on the growth of propionic acid bacteria. V. M. Bogdanova, Prikl. biokhim. i mikrobiol. 2 no. 2:163-167 Ma-Apr '66.

PROPIONITRILE

Phosphorylation of 2-alkoxypropionitriles. V. I. Shevchenko V. P. Kukhar', A. V. Kirsanov, Zhur. ob. khim. 36 no. 3: 467-469 Mr '66.

PROPIONYL FLUORIDE

Tetrafluoropropionyl halides. M. D. Bargamova, IU. A. Cheburkov, Izv. AN SSSR. Ser. khim. no. 2:377-379 '66.

PROPORTIONING EQUIPMENT

Automatic recording of the weight of materials in pro-portioning. A. A. Bogdanov, Mekh. i avtom. protzv. 20 no. 2:29-30 F '66.

Automation of the proportioning of the mix of lime. A. L. Antonovich, Sakh. prom. 40 no. 4:35-39 Ap '66.

Dosing of inert materials with the aid of a modernized weighing device. D. Hrlinberg, V. Hordienko, Sil. bud. 15 no. 3:17-18 Mr '65.

Electromagnetic proportioning devices with a flexible base. V. I. Vrublovskii, V. T. Antonenko, Vest. mashinost. 46 no. 3:44-45 Mr '66.

Experience in operating a charge proportioning system. O. M. Kryzhanovskii and others, Lit. protzv. no. 2: 16-17 F '66.

Orlov, S. P. [Proportioning devices] Doziruushchie ustroystva. Izd. 3., perer. i dop. Moskva, Mashino-stroenie, 1966, 285 p.

Performance of a mechanism for continuous automatic charge proportioning of ferroalloy furnaces. M. A. Ryas, A. K. Golov. Stal' 26 no 2 112-111 F '66.

Proportioning cupola furnace charge materials with the help of a computer. P. M. Karpov, Lit. protzv. no. 2 6-7 F '66.

Proportioning unit for liquid ingredients in confectionery production. V. I. Gretska, V. I. Iakovleva, IU. I. Furman, Khlob. i kond. prom. 10 no. 3:21-22 Mr '66.

PROPP, VLADIMIR IAKOVLEVICH, 1896-

Methods of studying folk literature in V. Ia. Propp's works, on V. Ia. Propp's 70th birthday. P. N. Reikva, Vest LGU 21 no. 2:111-116 '66.

PROPYLENE OXIDE

Copolymerization of propylene oxide and tetrahydrofuran on organometallic catalysts. T. N. Kuren'gina, I. V. Aiforova, V. A. Kropachev, Vyssh. shkol. 8 no. 2: 283-286 F '66.

PROPYLENE

Production of diphenylolpropane from phenol and methacetylene. D. A. Novokhatka and others. Khim. prom. 42 no. 3:175-176 Mr '66.

PROPYNOL

Chemistry of vinylacetylene. Part 53: Dehydration of tertiary vinylalkylcarbinols in the presence of cation exchangers. S. A. Vartanian, S. K. Pirostian, R. V. Tok-madzhian, Izv. AN Arm. SSR. Khim. nauki 17 no. 5:513-516 '61.

Cyclic polymerization and copolymerization. Part 33: Copolymerization of dimethylvinylthiopyranol with vinyl monomers. S. G. Matasov, N. M. Morjan, Izv. AN Arm. SSR. Khim. nauki 17 no. 5:522-531 '61.

PROSPECTING

(see also subdivision under Altai Mountains; Chingizai, Solikamsk region; White Russia)

Economic basis for the selection of optimum trends and objects of geological prospecting. A. M. Vasil'nikov, Uzb. geol. zhur. 10 no. 1:56-60 '66.

Greeting the 23rd Congress of the Communist Party of the Soviet Union. Razved. i okh. nedr. 32 no. 2:58 59 F '66.

Important potentialities of the economics of geological prospecting. M. S. Meandrova, A. M. Ianko, Razved. i okh. nedr. 31 no 12 25-28 D '65

Improve methods for planning geological prospecting. B. G. Silina, Razved. i okh. nedr. 32 no. 1:32-35 Ju '66.

Impurity elements in pyrites and possibilities in using pyrites in prospecting for ore deposits. V. G. Trubnikov, Geol. i geofiz. no. 9:87-90 '65.

Institute of Geology and Prospecting of Oil and Gas Fields of the Ministry of Geology of the U.S.S.R. Uzb. geol. zhur. 10 no. 1:75-76 '66.

Interrelationship between geological surveying and pros-pecting for mineral deposits. N. A. Bykhover, Razved. i okh. nedr. 32 no. 2:1-3 F '66.

Let us carry out the decisions of the 12th Congress of the Trade Union of Workers Employed in Geological Prospecting. P. I. Shelukhin, Razved. i okh. nedr. 32 no. 1:1-4 Ja '66.

Methodology of prospecting for the rare-metal deposits of a weathering surface. I. I. Fgorov, Razved. i okh. nedr. 31 no 11:16-17 N '65.

Methods for the construction of geological cross sections according to data on crooked and nonalignment bore-holes. V. I. Kuz'min, A. M. Preris, Razved. i okh. nedr. 32 no. 1:52-54 Ja '66.

Methods of prospecting for deposits of piezocentral quartz. M. M. Khotonok, Izv. vye. uchob. zav.; geol. i razv. D no. 1:83-89 Ja '66.

Methods of using net graphics for the operative planning and organization of geological prospecting. F. M. Roginskii, V. E. Gubronko, A. S. Laptev, Razved. i okh. nedr. 32 no. 1:10-16 Ja '66.

Scientific organization of labor in geological prospecting. I. S. TSvetkov, P. P. Nikilin, Razved. i okh. nedr. 31 no. 12:54-56 D '66.

State of studies of the methods of prospecting for deposits of solid minerals. G. B. Rogovoy, N. A. Khushchov, Razved. i okh. nedr. 31 no. 12:8-10 D '65.

PROSPECTING—EQUIPMENT AND SUPPLIES

(see also subdivision under Transcarpathia)

Electrothermal level gauge. E. P. Kotelevskii, Razved. i okh. nedr. 31 no. 11:52-53 N '65.

Planning the work of the crew of a mechanical workshop. A. E. Gavrilov, Razved. i okh. nedr. 32 no. 2:31-32 F '66.

PROSPECTING—GEOPHYSICAL METHODS

(see also subdivision under Altai Mountains; Bug Valley; Donets Basin; Kazakhstan; Sayan Mountains)

Bondarenko, V. M. [Use of cosmic rays in geology] Ispol'zovanie kosmicheskikh luchei v geologii. Pod red. A. G. Tarkhova, Moskva, Nedra, 1953, 142 p.

Experience in using magnetotelluric methods to study the geological structure of precipitation basins. A. N. Tikhonov, M. N. Berdichevskii, Izv. AN SSSR. Fiz. zem. no. 2:34-41 '66.

PROSPECTING—GEOPHYSICAL METHODS (Continued)

- Interpretation of gas logging data in drilling deep high-temperature holes. O. K. Angelopolov, V. S. Parnonov, B. A. Andronov, Razved. i okh. nedr., 31 no. 11-50 N '65.
- Precision of surveying measurements in prospecting work. A. S. Lavrikov, Geod. i kart., no. 11-29-30 N '65.
- Use of cosmic rays in solving geological-geophysical problems. I. A. L. Blokh, V. M. Bondarenko, A. G. Tai-khov, Koin. i inzh. no. 7-208-225 '65.
- Using field geophysics in the study of oil- and gas-bearing areas in the Crimean steppes. I. P. Tolstolykin, Geofiz. sbor., no. 1-35-10 '65.

PROSTATE GLAND—SURGERY

- Anesthesia in surgery for adenoma of the prostate gland. V. S. Reizenman, Eksp. i khir. i anal., no. 1-73-75 '65.

PROSTATE GLAND—TUMORS

- Anesthesia in surgery for adenoma of the prostate gland. V. S. Reizenman, Eksp. i khir. i anal., no. 1-73-75 '65.

PROSTITUTION see Subdivision under Tokyo

PROTECTION OF PLANTS see Plants, Protection of

PROTECTIVE ATMOSPHERES

- Arc welding in carbon dioxide with stepped-up currents. V. T. Zolotikh, I. U. G. Belousov, Svar. protzv., no. 3-20-28 Mr '66.
- Certain peculiarities of diffusion welding in carbon dioxide and nitrogen. V. T. Slepukha, V. D. Taran, Svar. protzv., no. 1-13-15 Ap '66.
- Circuit diagrams of three-phase arc feeders during argon-arc welding. P. D. Baulkin, V. V. Vindimirov, Svar. protzv., no. 4-20-21 Ap '66.
- Diffusion bonding in carbon dioxide. V. T. Slepukha, Avtom. svaz., 10 no. 2-23-27 '65.
- Electric riveting of 45 steel parts in carbon dioxide. L. N. Kushnarev, R. D. Faigenbaum, V. V. Alekseev, Svar. protzv., no. 4-22-23 Ap '66.
- Manual electric-arc cutting of aluminum in an argon-nitrogen mixture. V. E. Saenko, Svar. protzv., no. 4-33-34 Ap '66.

PROTECTIVE COATINGS

- Anticorrosive protection of the equipment of shale processing industries. M. I. Finkel'shtein, G. V. Ushakov, Lakokras. mat. i kh. prim., no. 1-17-18 '66.
- Application of protective coatings to lengthen the preservation time of eggs. M. Podlegayev and others, Miro. i inzh. SSSR, 37 no. 1-50-52 '66.
- Blended epoxy-pitch anticorrosive paints and primers for long-lasting protection of the immersed parts of sea-going vessels. E. D. L'vovskaya, A. K. Muronov, Lakokras. mat. i kh. prim., no. 1-11-16 '66.
- Corrosion protection of metallic structures of hydroelectric power stations by zinc paints. A. G. Kharlamova, M. R. Khannamedova, Gid. i stroit., 35 no. 2-12 '65.
- Lampolski, A. M. [Quality control of protective coatings.] Kontrol' kachestva zashchitnykh pokrytiy. Ld. 2., dop. i perer. Moskva, Mashinostroyeniye, 1966. 154 p.
- Picketing from underground corrosion of aluminum cable sheaths. V. S. Artyamonov, Zashch. met., 2 no. 2-170-180 '66.
- Protective coatings for slag trapping em fuses of fuel clinker furnaces in the manufacture of fused aluminum cement. L. A. Gol'dshel'm, V. V. Andreev, Trudy Giprotsent. no. 20, 91-101 '64.

- Protective painting of rolled roofing. A. V. Ivanova, Nauch. i tekhn. AKKII, no. 31 Zhil. khoz., no. 3-105-110 '64.
- Steam and water-proof coatings. A. I. Rotin, L. A. Toposhkina, Mashinostroyeniye, no. 3-26 Mr '66.
- Thixotropic phosphating aqueous priming compositions for application on rolled metallic surfaces. I. S. Oshimenko, V. V. Vorkhotanov, Lakokras. mat. i kh. prim., no. 1-23-25 '66.
- Treatment of nickel alloys prior to applying ceramic coatings. N. S. Demchenko, K. P. Azarov, Zhur. prikl. khim., 39 no. 2-333-337 '66.
- Use of polyester acrylate PE-214 lacquer for the finishing of wood on ships. I. U. K. Matasov, Lakokras. mat. i kh. prim., no. 1-76-78 '66.
- Use of the electrodeposition method in the application of coatings with a base of water-thinnable PL-149 enamel. I. A. Kiylova and others, Lakokras. mat. i kh. prim., no. 1-33-38 '66.
- Using the method of electrolytic deposition for obtaining polymeric coatings on metals from nonaqueous solutions of polyelectrolytes. V. P. Barabanov, N. N. Ovsianikov, Lakokras. mat. i kh. prim., no. 1-49-50 '66.

PROTECTIVE COATINGS—TESTING

- Effect of media on the physicochemical properties of epoxy coatings. P. I. Zubov and others, Lakokras. mat. i kh. prim., no. 1-38-43 '66.

PROTEIN METABOLISM

- Characteristics of the shifts in protein metabolism following X-ray irradiation of major parts of the body. K. V. Ostashkov, G. N. Maksimova, Radiobiologiya 6 no. 1: 145-148 '66.

- Daily changes in the intensity of total protein metabolism in cells of the adrenal cortex. A. U. Tsyplyuk, Tsitologiya 6 no. 1-103-105 Ja-F '66.
- Proteolytic activity and the content of trypsin inhibitor in the blood serum and pancreatic juice in chronic pancreatitis. V. A. Shatunikhov, Vop. med. khim., 12 no. 1-103-105 Ja-F '66.
- Some indices of protein metabolism in clinically healthy cows and in cows with metabolic disorders. V. F. Kostunina, Trudy Mosk. vet. akad., 22 no. 2-92-102 '63.
- Study of disorders of protein synthesis in experimental brain disease. L. L. Zaets, Vop. med. khim., 12 no. 1-65-71 Ja-F '66.

PROTEINS

- Cattle breeding taking into consideration the protein content of milk. L. S. Zhebrivskii, Vest. sel'khoz. nauk, 11 no. 3-73-76 Mr '66.
- Concerning I. U. Kunaikhov's review of V. K. Tkach and L. A. Proskol's article "Investigation on the stability of protein structures using the method of nonstationary heat exchange in their solutions in a high frequency electric field." V. K. Tkach, Biofizika 9 no. 3-395-397 '64.
- Effect of diet with an increased protein content on the course of chronic pancreatitis. S. A. Tuzhilin, Sov. med., 28 no. 1-14-18 Ja '66.
- Electrophoretic study of cytoplasmic proteins of Azotobacter vinelandii in a synchronous culture. G. N. Zaitseva, I. A. Vedenina, Mikrobiologiya 34 no. 6-915-951 N-D '65.
- Formation of complexes of deoxyribonucleic acid with subtilisin in a neutral medium during the process of thermal denaturation of proteins. I. D. Ivanov, E. E. Rukhleva, Biofizika, 9 no. 3-277-281 '64.
- Fungal-like properties of the protein membrane of eggs of Tetodonostafid Gray, the problem of embryonic immunity. N. A. Movchan, Vest. LGU, 21 no. 3-59-60 '66.
- Histochemistry of protein substances of irradiated ovaries in a rabbit. N. M. Lutsenko, Radiobiologiya 6 no. 1: 148-149 '66.
- Increase in the nutritive value of protein by synthetic amino acids. A. D. Golobokov, Prikl. biokhim. i mikrobiol., 2 no. 1-96-103 Ja-F '66.
- New highly nutritious milk proteins products. M. M. Maslakov, T. S. Nisimov, H. A. Roselikhina, Khim. prom., no. 1-34-35 Ja-F '66.
- Protein fractions of cow milk and their inheritance. Z. S. Kiseleva, I. L. Pomicheva, Genetika, no. 1-150-164 Ja '66.
- Quantitative changes in the proteins of adenoblasts following inhibition of the ribosome RNA synthesis by puromycin. V. I. Brodskii, N. V. Neechaya, Dokl. AN SSSR, 166 no. 5-1211-1213 F '66.
- Separation of soluble brain proteins by column electrophoresis. V. I. Durnbaum, Vest. LGU, 21 no. 3-77-84 '66.
- Significance of the sulfhydryl groups of protein in the process of mitotic cell division. I. A. Alov, M. E. Aspir, Dokl. AN SSSR, 166 no. 4-965-967 F '66.
- Studies on primary photochemical processes in proteins. I. Two photochemical reactions with aromatic amino acids. I. U. A. Vladimirov, I. I. Raschepurin, Biofizika, 9 no. 3-282-282 '64.
- Study of free intracellular amino acids and amino acid composition of protein in Aspergillus niger strains. V. B. Kotov, S. A. Kononov, A. K. Ovcharov, Mikrobiologiya 34 no. 6-952-955 N-D '65.
- Technology of the production of protein stabilizer. V. P. Skorkova, Biol. tekhn. i ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform., 19 no. 1-50 Ja '66.
- X-ray structural analysis of globular proteins. B. K. Valnshteyn, Usp. fiz. nauk, 88 no. 3-627-665 Mr '66.

PROTEINS—ANALYSIS

- Rapid method of determining proteins. V. S. Sergeev, Masl. i zhir. prom., 31 no. 1-31-32 Ja '65.

PROTEINS—COMPOSITIONS

- Effect of mineral fertilizers on the yield and the composition of the protein of grasses. P. I. Romashev, N. M. Akhramova, Vest. sel'khoz. nauk, 10 no. 1-67-72 Ji '65.

PROTEINS IN THE BODY

- Methodology of electrophoretic study of tissue proteins in agar-agar gel. I. M. Markov and others, Lab. delo, no. 3-143-148 '66.

PROTEUS—CULTURES AND CULTURE MEDIA

- Luminescent microscopic study of early developmental stages in Proteus vulgaris. E. S. Nikitina, V. I. Birluzova, Mikrobiologiya 34 no. 6-1008-1010 N-D '65.
- Vitamin requirements by Proteus vulgaris strain K. V. S. Isaeva, Mikrobiologiya 35 no. 1-56-59 Ja-F '66.

PROTONS

- Interaction between fast protons and heavy nuclei. V. S. Barashnikov, V. M. Mal'tsov, V. D. Tenev, Izv. AN SSSR, Ser. fiz., 30 no. 2-322-327 F '65.
- Nuclear interactions and the calculation of thin proton shielding. E. S. Matusevich, Atom. energ., 20 no. 1-51 Ja '66.

- Nuclear reactions between Ir, Ta, and Er caused by 85 Mev. protons. V. S. Barashnikov, V. N. Mal'tsov, V. D. Tenev, Izv. AN SSSR, Ser. fiz., 30 no. 2-232-234 F '66.
- Studying the $S_{34}(p, \gamma) Cl^{35}$ reaction at the two resonance proton energies of 1904 and 2008 KeV. L. G. Kompanets and others, Izv. AN SSSR, Ser. fiz., 30 no. 3-407-412 Mr '66.
- Yield of secondary neutrons from fast shielding and their angular distribution under 660 Mev proton bombardment. V. A. Kon'shin, E. S. Matusevich, V. I. Regushevskii, Atom. energ., 20 no. 2-132-137 F '66.

PROTONS—CAPTURE

- Radiative capture of protons by the S_{36} isotope, and the excited states of the Cl^{37} nucleus. A. A. Koval and others, Izv. AN SSSR, Ser. fiz., 30 no. 3-416-425 Mr '66.

PROTONS—SCATTERING

- Inelastic proton scattering by Ne^{21} nuclei. Spin and parity of the first excited state of the Ne^{21} nucleus. V. E. Storzikhov and others, Izv. AN SSSR, Ser. fiz., 30 no. 2-240-251 F '66.
- (pp)-Reaction with excitation of the 5, 5 and 5, 24 Mev. levels in Al^{27} . S. S. Vasil'ev, T. N. Mikhailova, D. L. Chuprinov, Izv. AN SSSR, Ser. fiz., 30 no. 2-214-216 F '66.

PROTOPLASM

- Changes in the biophysical parameters of the surface layers of the protoplasm of mollusk neurons under the effect of ionizing radiation. V. I. Bohomolova, V. A. Mal'skiy, Fiziol. zhur. [Ukr.], 12 no. 1-63-69 Ja-F '66.

- Effect of γ -irradiation on the synthesis and decay of fast-labeled RNA in HeLa cells. A. M. Kuzin, G. S. Kalendov, Radiobiologiya 6 no. 1-30-38 '66.

- Interrelationship between the biological effect of some diamine derivatives of acridine and the formation of cytoplasmic granules under their influence. A. V. Zelenin, E. A. Lianpova, N. N. Balaeva, Dokl. AN SSSR, 167 no. 1-165-167 Mr '66.

PROTO-SLAVIC LANGUAGE—PHONETICS

- Defense of a dissertation at the Philological Faculty of Moscow University. G. V. Sov. slav., no. 2-126 '66.

PROTOZOA, PATHOGENIC

- Protozoicidal effect of distilled water in vitro and in the organism of parasite carriers. V. I. Zakharov, V. F. Simonova-Tsai alonge, Trudy Khim. gos. med. inst., 1-237-238 '61.

PROTRACTED PREGNANCY see Pregnancy, Protracted

PROVERBS, ENGLISH

- Social nature of the content of some proverbs in English. S. I. Burakova, Uch. zap. Astr. gos. ped. inst., 8 no. 3-13-15 '62.

PRUS, BOLESŁAW, pseud., see Głowacki, Aleksander, 1847-1912

PRUSSIAN BLUE

- Effect of adsorption modification on the dispersion of Prussian blue in vegetable oil media. S. N. Tolstaya, S. A. Shabanova, Lakokras. mat. i kh. prim., no. 1: 9-12 '66.

PRUSZYŃSKI, PIOTR, 1803-

- T. I. Shavchenko and P. I. Pruszyński, I. A. A. Halachuk, Ukr. iet. zhur., no. 3-107-110 Mr '60.

PRUT VALLEY—ANTHROPOLOGY

- Ethnic anthropology of the Prut-Dniester interfluvium in the first century A. D. M. S. Veklanova, Krat. soob. inst. arkh. i etn., no. 105-107 '65.

PRUTKOV, KOZ'MA, pseud.

- Basic stylistic means used by Koz'ma Prutkov in creating parodies. I. M. Suklasova, Uch. zap. API iaz. Ser. filol., no. 3-19-31 '63.

PSEUDARTHROSE

- 90th anniversary of the "Russian lock." N. A. Oborin, Ortop., travm. i protez., 27 no. 3-85-90 Mr '66.

PSEUDOMONAS—CULTURES AND CULTURE MEDIA

- Characteristics of Pseudomonas fluorescens strain 3B, producer of α -ketoglutaric acid. I. G. Kolesnikova, N. A. Kosheleva, L. A. Baikova, Mikrobiologiya 35 no. 1-72-76 Ja-F '66.
- Characteristics of the formation of α -ketoglutaric acid in Pseudomonas fluorescens 3B. N. A. Kosheleva, I. G. Kolesnikova, L. A. Baikova, Mikrobiologiya 34 no. 6-960-965 N-D '65.
- Effect of aeration on the keto acid biosynthesis in Pseudomonas fluorescens cultures. N. A. Kosheleva, L. A. Baikova, Prikl. biokhim. i mikrobiol., 2 no. 1-68-73 Ja-F '66.
- Study of the specificity of highly specialized bacteria Pseudomonas mori and bacteria-polyphegones Pectobacterium aridoleae. F. D. Kostik, Isop. i mikroorg. v nar. khoz., no. 2-16-22 '65.

PSEUDORABIES

- Prophylactic and therapeutic action of gamma globulin in Anisakiasis disease. I. I. Lukashov, Vest. sel'khoz. nauk, 10 no. 7-104-106 Ji '65.

PSKOV—AGRICULTURAL EDUCATION

Neither in the trade-union committee nor in the local trade-union committee, M. S. Muravskiy, Sov. profsoliuz, 22 no. 4 16-17 1 '66

PSORALEA

Isolation of psoralen from seeds of Psoralea drupacea Bge. I. N. Kartashkina, M. R. I. Smamsudinov, T. T. Shavrov, Khim. prirod. soed. 2 no. 1 65-66 '66

PSORALEN

Isolation of psoralen from seeds of Psoralea drupacea Bge. I. N. Kartashkina, M. R. I. Smamsudinov, T. T. Shavrov, Khim. prirod. soed. 2 no. 1 65-66 '66

PSYCHIATRIC HOSPITALS

Therapeutic manufacturing workshops in psychiatric hospitals as a stage in the occupational readaptation of patients. M. D. Bulkin, Trudy LIETIN no. 18 280-294 '65

PSYCHIATRY

Clinical aspects of the side effects of symonycin of the mind. F. I. Terent'ev, Zhur. nevro. i psikh. 66 no. 3 458-462 '66

Personality problem in connection with the tasks of the practice of psychiatric medical expertise of the capacity for work. V. N. Miasishchev, Trudy LIETIN no. 18 173-182 '65

Psychiatric examination of persons who have attempted suicide. B. A. Tselibeev, Sud.-med. ekspert. 9 no. 1 30-34 Ja-Mr '66

Some principles of the medical expertise of the capacity for work and ways of introducing them to psychiatric practice. A. S. Borzunova, Trudy LIETIN no. 18 156-172 '65

PSYCHIATRY—BIBLIOGRAPHY see Bibliography—Psychiatry

PSYCHIATRY—CONGRESSES

Symposium on Chemical Concepts of Psychosis. Zurich, 1957. [Biochemistry of psychoses, materials of the Symposium on Chemical Concepts of Psychosis of the 20 International Psychiatric Congress in Zurich (Switzerland) September 1-7, 1957, Translations] Blokhimila psikhozov, materialy simpoziuma po khimicheskimi kontseptsiiam psikhoza II Mezhdunarodnogo psikhicheskogo kongressa v Tshurichke (Shveitsariia) 1-7 sentyabrya 1957 g. Oushchala red. i sbornika M. Tinkoff, I. G. Denbova, Pod red. D. D. Fedotova, Moskva, Gos. izd.-vo med. lit-ry, 1963. 422 p. (NEC)

PSYCHOANALYSIS

Criticism of the reactionary substance of Freudianism and neo-Freudianism. N. M. Grinshpan, Trudy LIETIN no. 18 198-218 '65

Psychoanalysis as a psychotherapeutic method. I. I. Lukomskiy, Zhur. nevro. i psikh. 66 no. 3 469-471 '66

PSYCHOLOGICAL RESEARCH

Problems and principles of expert psychological studies. V. A. Chasov, Trudy LIETIN no. 18 183-197 '65

PSYCHOLOGY, APPLIED

Panov, D. I., ed. [Engineering psychology. Translated from the English] Inzhenernaya psikhologiya; sbornik statei, Moskva, Progress, 1964. 694 p. (CStmor)

PSYCHOLOGY, INDUSTRIAL see subdivision under United States

PSYCHOLOGY, MILITARY

Korobelnikov, M. P. [Psychology for the sergeant] Serzhantskaya psikhologiya. Izd. 2, ispr. i dop. Moskva, Voenizdat, 1965. 228 p. (Biblioteka serzhanta)

PSYCHOLOGY, PATHOLOGICAL

Pathological development in a hysterical person. N. A. Opra, Prak. sud. i med. psikh. ekspert. no. 10 83-85 '66

PSYCHOSES

Clinical and statistical characteristics of elderly mental patients cared for by psychoneurological dispensaries. G. I. Blazhkov, Trudy LIETIN no. 18 219-231 '65

Amnesia attacks and In severe attacks Sov. med. 27

PUBLIC ADMINISTRATION see subdivision under Moscow

PUBLIC BUILDINGS—DESIGN AND CONSTRUCTION see subdivision under Ukraine; Volga Valley

PUBLIC HEALTH

(see also subdivision under Europe, Western, Latvia)

Neslitenko, A. I. [How the People's Commissariat of the Public Health Service of the R. S. F. S. R. was organized, from the history of Soviet public health, October 1917-July 1918] Kak byl obrazovan Narodnyy komissariat zdoravookhraneniya RSFSR; iz istorii sovetskogo zdoravookhraneniya, oktobr' 1917 g. - iul' 1918 g. Moskva, Meditsina, 1965. 94 p.

Problems of health protection in the first decrees and resolutions of the Soviet government (1918). A. I. Nesterenko, Sov. med. 20 no. 1 150-152 Ja '66

Public health and economic conditions. V. Gollo, Kom-munist. 42 no. 1 41-45 Mi '66

S. M. Klov and the formation of military and civilian public health in the lower Volga Valley from 1918 to 1919. N. S. Tsilno, Voen.-med. zhur. no. 2 91-92 F '66

[Work organization in the provincial sector of public health and in the provincial hospital] Organizatsiya raboty oblasnogo otdela zdoravookhraneniya i oblasnoto bol'nitsy. [By] M. P. Molodtsov i dr. Moskva, Meditsina, 1965. 96 p. (Pisemovoye opyt organizatsii zdoravookhraneniya) (DNLM)

PUBLIC HEALTH—STATISTICS

Merkov, A. M., and I. S. Stuchanok, eds. [Practical training in demographic and health statistics] Praktikum po sanitarno-demograficheskoy statistike. [By] R. N. Biriukova i dr. Moskva, TSentr. i n-t usovershenstvovaniya vrachey, 1965. 200 p.

Merkov, A. M., ed. [Historical studies of national health statistics] Ocherki istorii otechestvennoy sanitarnoy statistiki. Moskva, Meditsina, 1966. 280 p.

PUBLIC HEALTH PERSONNEL

Fielding, S. A., ed. [Volunteer participation in Soviet public health service] Obshchestvennyye nachala v sovetskoy zdoravookhraneni. [Leningrad] Meditsina, 1966. 345 p.

PUBLIC OPINION see subdivision under Europe, Western, United States

PUBLIC PROSECUTORS

(see also subdivision under Kharkov; Ukraine)

Against fabrications concerning procuratorial supervision in the U. S. S. R. S. G. Berozovskaya, Sov. gos. i pravo 36 no. 3 79-85 Mr '66

From the supervisory work of public prosecutors. Rad. pravo 29 no. 3 91 Mi '66

Further improvement of the work of the investigating apparatus. K. I. Nifitin, Sov. gos. i pravo 36 no. 4 21-31 Ap '66

Improve the organization of work in the organs of procuracy. V. Klatnikov, V. Nikiforov, Sots. zakon. 13 no. 3 45-47 Mr '66

In the Collegium of the Procuracy of the U. S. S. R. Sots. zakon. 43 no. 3 70 Mr '66

Intensify the protection of socialist property. K. Pavlishchev, I. Kaganovich, Sots. zakon. 43 no. 3 3-8 Mr '66

Judicial decisions on procuratorial supervision. Sots. zakon. 43 no. 3 88-90 Mr '66

Mannual on procuratorial supervision over the observance of labor laws. V. Kuznetsov, Sots. zakon. 43 no. 3 94-95 Mr '66

Participation of public prosecutors in the sessions of courts of second instance. M. Skoryk, Rad. pravo 29 no. 3 19-21 Mi '66

The procurator as a criminologist. I. Khlonid, Sots. zakon. 43 no. 3 14-45 Mr '66

Reports submitted by investigators. V. Bulargin, V. Melnik, Sots. zakon. 43 no. 3 17-19 Mr '66

Should public prosecutors control the decisions of comrades courts? I. Mat'innov, Rad. pravo 29 no. 3 58-59 Mr '66

PUBLISHERS AND PUBLISHING

(see also subdivision under Rostov Province; Ukraine)

Between the 22d and 23d congresses. M. Arbuzov, Knizh. torg. 17 no. 4 4-8 Ap '66

In the Committee for the Direction of the Press attached to the Council of Ministers of the U. S. S. R. Knizh. torg. 17 no. 4 80 Ap '66

In the Committee for the Direction of the Soviet Press attached to the Council of Ministers of the U. S. S. R. Knizh. torg. 17 no. 3 37 Mr '66

Lenin on the promotion of books. F. Petrov, Knizh. torg. 17 no. 4 1-3 Ap '66

Local publishing houses prepare for the 50th anniversary of the October Revolution. V. Mochalov, Knizh. torg. 17 no. 3 6-7 Mr '66

More books for our youth. A. Kamshalov, Knizh. torg. 17 no. 4 6-7 Ap '66

Our Soviet press: facts and figures. Agitator. 33 no. 7 44-45 Ap '66

The springs of poetry. M. Lapshin, Knizh. torg. 17 no. 1 31-35 Ja '66

This is what the "Progress" Publishing House will give to its readers. V. Pavlov, Knizh. torg. 16 no. 12 28-29 D '65

Utilizing resources more actively. A. Gol'dman, Sov. i 30 no. 1 16-17 Mi '66

Why didn't they publish these books? A. Mat'innov, S. i 1 no. 1 Knizh. torg. 17 no. 3 91-95 Mi '66

PUBLISHERS' CATALOGS see Catalogs, Publishers'

PUGACHEV REBELLION

Documentary materials concerning the Pugachev rebellion of E. I. Pugachev (to be continued). Vop. i 41 no. 3 130-138 Mi '66

Interrogation and trial of E. I. Pugachev. B. V. Ovchinnikov, Vop. i 41 no. 3 121-130 Mi '66

Preliminary examination of the E. I. Pugachev case and its trial (continuation). Vop. i 41 no. 1 111-120 Ap '66

PULMONARY ARTERY—ABNORMALITIES AND DEFORMITIES

Radical surgical correction of the blood circulation in complete transposition of the aorta and pulmonary artery, a clinical and experimental study. V. I. Muravskiy, B. A. Konstantinov, I. Kaper, Khim. i med. no. 1 18-24 '66

PULMONARY CIRCULATION

Diagnosis of primary pulmonary hypertension. I. I. Vasil'ev and others, Sov. med. 20 no. 2 21-27 F '66

Effect of ephedrine on hemodynamics of the lesser circulation in pulmonary tuberculous. I. U. N. Shidlovskiy, Probl. tub. no. 3 62-66 '65

Significance of terminal angiotomography in the examination of pulmonary circulation. I. Kaper, Khim. i med. no. 1 15-17 '65

PULMONARY EDEMA

Postoperative respiratory insufficiency caused by pulmonary edema during anesthesia in patients with aortic stenosis. V. A. Kovalev, M. S. L'vov, I. Kaper, Khim. i med. no. 4 70-73 '65

PULMONARY EMPHYSEMA see Emphysema, Pulmonary

PULMONARY HEART DISEASE see Cor pulmonale

PULSE CIRCUITS

Formation of nanosecond impulses by networks with thyristors. L. V. Goriachev, Trudy GPI 20 no. 2 46-51 '64

Udich, M. Z. [Transistorized electronic circuits] Skhemy tranzistornoi elektroniki. Moskva, Energiya, 1966. 142 p.

Pulse-frequency multistable elements. V. F. Sigonin, L. S. Stulikov, L. L. Ullakov, Avtom. i telemek. no. 2 76 81 '66

Pulse shaping units for current distributing networks. V. F. Melekhin, Trudy GPI no. 256 102-110 '65

Shock pulse formation in a transistor stage. I. L. Abromov, Trudy Vych. iskusstva AN Azerb. SSR. 3 171-176 '66

Some problems of pulse discharges in a vacuum. S. I. Kolbert, R. N. Nagalbekov, A. M. Iagudinov, Izv. AN Uz. SSR, Ser. fiz.-mat. nauk. 10 no. 1 81-81 '66

Switching of a diode into the reverse direction in the presence of delay between direct and reverse pulses. I. M. Muratov, Radiotekhnika i elektronika. 11 no. 3 566-567 Mr '66

PULSE TECHNIQUES (ELECTRONICS)

Chronotrons, time-pulse multistable devices. V. P. Ugritskiy, L. S. Stulikov, L. L. Ullakov, Avtom. i telemek. no. 1 133-138 '66

Distortion of RF pulses in a helical delay cable. M. S. Belozorov, Trudy GPI 20 no. 2 30-39 '64

Energy characteristics of pulse gate sequences. D. B. Levin, V. V. Seleznev, Radiotekhnika i elektronika. 11 no. 3 544-546 Mr '66

Khil'tunov, V. N. [Principles of digital electrical measurement techniques and digital converters] Osnovy tsifrovoye elektromeritov i konvertirovaniya tsifrovoye preobrazovaniya. Moskva, Energiya, 1966. 344 p.

Milenin, V. G., ed. [Fundamentals of pulse techniques] Osnovy impul'snoi tekhniki. [By] V. G. Milenin i dr. Moskva, Voenizdat, 1965. 380 p.

Phase distortions in transmission systems with "moder" characteristics of signals. V. G. Alekseyev, Elektr. svyaz. 20 no. 2 56-56 F '66

Synthesis of optimal filters for correlated noises. I. U. L'vov, Trudy GPI 20 no. 2 55-58 '64

Transient processes in distributing systems with discrete nonuniformities. L. A. Morugin, Trudy GPI 20 no. 2 17-20 '64

Transient processes in uniform pulse transmission lines. G. V. Glebovich, Trudy GPI 20 no. 2 5-10 '64

PUMPING MACHINERY

- Automatic control of the recirculation valves of a fired pump. IU.B. Naishki, V.I. Ledevy. *Energetik* 14 no. 3:23-24 Mr '66.
- Calculation of the geometric parameters of the centrifugal stages of pumps with preconnected spiral wheels and given values of cavitation tolerances. V.I. Dumey. *Energo-mashinostroyeniye* 12 no. 2:6-10 F '66.
- "KTS-8" water-rising chain pump. N.S. Simonov, V.A. Strakhal', A.G. Gomin. *Gidrot. zh.* 35 no. 2:17-18 F '65.
- Motorless gas pumps. I.A. Zemlianski, E.M. Borulina. *Gidr. i mel.* 18 no. 2:39-45 F '66.
- New method of hydrogen pumping. F.I. Busol, V.B. Uferov. *Zhur. tekhn. fiz.* 36 no. 1:171-177 Ja '66.
- Nomenclature on pumps manufactured by the Kalinay Factory. *Energetik* 14 no. 3:17 Mr '66.

PUMPING MACHINERY—DESIGN AND CONSTRUCTION

- Calculation of some structural elements of the sand pump. V. Volkov. *Rech. transp.* 23 no. 6:41-43 Ja '61.

PUMPING MACHINERY, ELECTRIC

- Automatic control of filtrate pumps at the plants of the Southern Mining and Ore Dressing Combine. P.N. Dutchenko. *Gor. zh.* no. 3:50-52 Mr '66.

PUMPING STATIONS

- Automation of the control of the motors of a pumping station. G.L. Avoybakh, I.M. Golin. *Energetik* 14 no. 3:26-28 Mr '66.
- Automation of the hydraulic pumping station. V.I. Danilov, E.N. Mamevich. *Koks i khim.* no. 7:51-54 '66.
- Floating pumping stations need high-capacity pumps. Z. Mal'tsev. *Rech. transp.* 23 no. 6:19 Je '64.
- Irrigation pumping stations in Bulgaria. V. Konstantinov, Sh. Popov. *Gidr. i mel.* 18 no. 3:59-61 Mr '66.
- Methods for the automatic control of the number of rotations of a centrifugal pump. F.L. Bromberg. *Nauch. trudy AKKH* no. 3:47-59 '65.

PUMPING STATIONS—DESIGN AND CONSTRUCTION

- Riverbank pumping stations from precast reinforced concrete. V.I. Dron, A.I. Shkurat. *Energetik* no. 4:6-13 '64.

PUMPKIN

- Yield of cucumbers and pumpkins as related to the preparation of seeds before planting. V.K. Rodionov. *Vest. sel'khoz. nauk* 11 no. 3:103-105 Mr '66.

PUNCHED CARD SYSTEMS

- Automation of perforation; from the work of the Research Institute of the Central Statistical Administration of the U.S.S.R. D. Zhuk, V. Neshcheretova. *Vest. stat.* no. 3:76-82 '66.

PUNCHED CARD SYSTEMS—CLEARINGHOUSE see subdivision under Odessa

PUNCHING MACHINERY

- Rupture of rock specimens of regular shape under the effect of stress application of chisel punches. L.G. Grabchuk, L.V. Morozov, L.D. Bronnikov. *Izv. vyz. ucheb. zav. i gool. i razv.* 9 no. 1:107-111 Ja '66.
- Slot punching in pipes with a wall thickness of 1.5 - 6 mm. I.A. Moyzhevich, N.V. Shepel'ski. *Kuz.-shl. prom. i stroit.* 8 no. 2:18-19 F '66.

PUPPETS AND PUPPET PLAYS see subdivision under Budapest; Sofia

PUSHKIN, ALEXANDR SERGEEVICH, 1799-1837

- Conference of the Pushkin Commission. O.A. Pint. *Vest. AN SSSR* 30 no. 2:175-176 F '66.

PUSTOVOIT, VASILII STEPANOVICH, 1886-

- Pride of agricultural science. L.A. Zhdanov, V.M. Shulov. *Zemledello* 28 no. 1:68-71 Ja '60.

PUTRESCINE—THERAPEUTIC USE

- Treatment of hypertension with diisopropylputrescine (isopryne). I.S. Shmitsor, T.I. Bibikova. *Sov. med.* 20 no. 2:112-114 F '66.

PYRAZOLE—PHYSIOLOGICAL EFFECT

- Antiplogistic properties in the series of pyrazole derivatives. M.IU. Ladinskaya. *Farm. i toks.* 29 no. 1:83-87 Ja-F '66.

PYRAZOLINONE

- Discoloration process in the benzylidene derivatives of 5-pyrazolones in the presence of alkalies. N.F. Turitsyna, V.S. D'inskaya, I.I. Duzheva. *Zhur. org. khim.* 2 no. 3: 536-542 Mr '66.

PYRIDINE

- Catalytic preparation of ketones of the pyridine series. V.I. Akosov, L.I. Lifer, A.M. Rubinshteyn. *Izv. AN SSSR, Ser. khim.* no. 2:314-321 '66.
- Complex formation in the systems titanium (IV) - pyrocatechol - pyridine derivatives. S.I. Shneiderman, E.N. Krlazeva. *Ukr. khim. zhur.* 32 no. 2:110-124 '66.

- Effect of heavy pyridine bases on the etching and corrosion of rolled wire in sulfuric acid. L.M. Fel'kova. *Shor. nauch. trud. Dnepr. inzh.-strol. inst.* no. 25:96-103 '62.

- Extraction of many nitrate with certain derivatives of pyridine N-oxide. V.G. Porgov and others. *Izv. SO AN SSSR no. 11 Ser. khim. nauk* no. 3:95-101 '61.

- Hydroxydihydrofurans. Part I: Synthesis and properties of 1,1-dimethyl-3-phenyl-3-hydroxy-pyridophthalan. L.A. Pavlova, D.F. Skurydina, D.V. Danus-Danilova. *Zhur. khim.* 36 no. 3:410-411 Mr '66.

- Synthesis and thermal decomposition of Re^{III} and Re^V amides. V.G. Tironov, R.A. Dovlatshina. *Zhur. neorg. khim.* 10 no. 10:2262-2267 O '65.

- Synthesis, characteristics, and some properties of graft copolymers of cellulose acetates and poly-2-methyl-5-vinylpyridine. R.I. Kavallunas and others. *Vysokom. soed.* 8 no. 2:210-215 F '66.

PYRIDINE—PHYSIOLOGICAL EFFECT

- Pyridine salts -- derivatives of γ -undecyl-1-enoylamido-pyridine. Synthesis and effect on pathogenic microorganisms. G.N. Pershin and others. *Farm. i toks.* 27 no. 6:716-722 N-D '61.

PYRIDINE BASES

- Absorption of pyridine bases by the aqueous solutions of ammonium orthophosphates. N.G. Bunakov, G.D. Kharlampovich. *Koks i khim.* no. 2:40-42 '66.

PYRIDINIUM COMPOUNDS

- Diagnosis of pyridinium hexamethanolate. O.G. Kozlova, O.B. Izotova, G.K. Babeshkina. *Vest. Mosk. univ.* 4: Geol. 21 no. 1:101-107 Ja-F '66.
- N-(α -ferrocenyl alkyl) pyridinium salts. A.N. Nesencianov, E.G. Petrasova, M.D. Reshetova. *Izv. AN SSSR, Ser. khim.* no. 2:335-337 '66.

PYRIDOXINE

- Results of using pyridoxine in the treatment of gastrointestinal peptic ulcers. F.F. Leimenko, V.G. Grebenchukova. *Sov. med.* 20 no. 2:31-33 F '66.

PYRIDOXINE—THERAPEUTIC USE

- Effect of vitamin B₆ on the basic indices of blood lipids in coronary atherosclerosis. G.M. Isaeva, G.M. Rzaev. *Azerb. med. zhur.* 43 no. 3:10-14 Mr '66.

PYRIDOXINE METABOLISM

- Ways of evaluating the provision of the body with pyridoxine. N.A. Kriukova. *Lab. delo* no. 3:152-156 '66.

PYRIMIDINE

- Quantitative determination of pyrimidine compounds by titration in nonaqueous media. Report No. 1; Determination of preparations with acid properties. L.I. Ropotov, H.V. Berzina. *Formats. zhur.* 21 no. 1:33-38 '66.
- Relationship between the teratogenic effect and chemical structure of medicinal substances, experiments with chloridine and biguanil. A.F. Dyban, L.D. Udalova, I.M. Akhlova. *Dokl. AN SSSR* 167 no. 1:228-231 Mr '66.

- Tetrazolo-azidoazomethine transformations in the pyrimidine series. I.A. Postovskii, N.B. Smolina. *Dokl. AN SSSR* 166 no. 5:1130-1139 F '66.

PYRITES

- (see also subdivision under Ural Mountains)
- Impurity elements in pyrites and possibilities in using pyrites in prospecting for ore deposits. V.G. Prokhorov. *Gool. i geofiz.* no. 9:67-68 '65.
- Roasting in a fluidized bed of hydrolisis acid neutralized by cinder. V.V. Pechkovskii and others. *Shor. nauch. trud. Perm. politekh. inst.* no. 10:71-80 '61.

PYROCATECHOL

- Complex formation in the systems titanium (IV) - pyrocatechol - pyridine derivatives. S.I. Shneiderman, D.N. Krlazeva. *Ukr. khim. zhur.* 32 no. 2:110-124 '66.

PYRO CERAMICS

- Amount of crystalline phase in pyroceramics of the system SiO₂ - Al₂O₃ - BaO - TiO₂ as dependent on the conditions of thermal treatment. G.S. Bogdanova, E.M. Orlova, L.S. Zevin. *Izv. AN SSSR, Neorg. mat.* 2 no. 2:380-383 F '66.

- Effect of the phase composition and structure of slag pyrocerams on their physicochemical properties. I.I. Kitagorodskii, N.M. Pavlushkin, S.V. Petrov. *Izv. AN SSSR, Neorg. mat.* 2 no. 2:376-378 F '66.

PYRO CERAMICS—ELECTRIC PROPERTIES

- Nature of conduction of alkali-free pyrocerams of the cordierite system. K.K. Evstrop'ev, G.A. Pavlova, V.K. Pavlovskii. *Zhur. prikl. khim.* 30 no. 2:462-463 F '66.

PYROLYSIS

- Acid content in aqueous condensates in the pyrolysis of gasoline in the presence of steam. D.A. Ailev. *Neft. i neftekhim.* no. 2:54-56 '66.

- Effect of the fractional and chemical composition of raw materials on the technical and economic indices of the pyrolysis of low-octane benzene fractions. T.N. Mukhina and others. *Khim. prom.* 42 no. 3:171-173 Mr '66.

- Experience in overall mechanization and automation of wood pyrolysis processes. N.I. Seliverstov, G.F. Tokishin. *Gidroliz. i isosol'm. prom.* 10 no. 2:20-22 '66.

- Production of acetylene by the thermal oxidative pyrolysis of natural gas diluted with hydrogen under increased pressure. D.P. Ailevov, I.A.S. Kazarmovskii. *Khim. prom.* 42 no. 11:801-805 F '66.

- Studying the structure of low-temperature pyrolytic graphite. A.V. Kurdumov, A.N. Piliavskii, G.G. Gerasimov. *Pirosh. mct.* 6 no. 2:87-91 F '66.

PYROMETRY

- Temperatures of the reaction zone during the oxygen blowing of cast iron. G.A. Loyukhov, N.P. Lovanets, A.M. Samarin. *Izv. AN SSSR, Mct.* no. 1:33-37 Ja-F '66.

PYRPHOSPHATES

- Effect of ultrasound on copper electroplating. Part I. Pyrophosphate electrolyte. S. Iuspankii, M.A. Shluger. *Elektrokhimika* 2 no. 2:13-24 F '66.

PYROKENES see subdivision under Georgia, Uzb Valley

PYRRHOTITE

- Domain structure of pyrrhotite formed by two magnetic phases. M.A. Grabovskii, O.N. Zherdenko. *Zap. Vses. min. ob-va* 95 no. 1:30-38 '66.

PYRRHOTITE—ANALYSIS see subdivision under Ladoga Lake region

PYRROLE

- Effect of pyrrole derivatives and precursors on the growth and pigmentation of *Actinomyces longisporus*. E.P. Feofilova. *Mikrobiologiya* 35 no. 1:64-71 Ja-F '66.

PYRROLOPYRIDINE

- Molecular orbital method of studying the π -electron configuration of 7-azaindole. D.A. Bocharov and others. *Izv. AN SSSR, Ser. khim.* no. 2:354-356 '66.

PYRROLOTHIAZOLE

- Cyanine dyes of the pyrrole {2,1-b} thiazole series. F.S. Babichev, V.K. Kibirev, L.G. Khil'ko. *Ukr. khim. zhur.* 32 no. 1:64-68 '66.

PYRUVIC ACID

- Enzyme catalyzing reductive amination of hydroxypyruvate. V.L. Kretovich, K.M. Sioponovich. *Izv. AN SSSR, Ser. biol.* no. 2:295-301 Mr-Apr '66.

PYRUVIC ACID IN THE BODY

- Effect of some tranquilizers on the content of lactic and pyruvic acids in the brain of rats. V. Malho, G. Kassay. *Ukr. biokhim. zhur.* 38 no. 1:81-83 '66.

PYRYLIUM COMPOUNDS

- Thin-layer chromatography of pyrylium salts on gypsum. I.U. A. Zhdanov, G.N. Dorofeev, S.V. Zelenskaya. *Zhur. ob. khim.* 36 no. 2:210-213 F '66.

Q FEVER see subdivision under Moldavia

QUADRATURE FORMULA

- Best quadrature formulae for certain classes of functions. M.B. Akon', A.Kh. Turetskii. *Dokl. AN SSSR* 166 no. 5:1018-1021 F '66.
- Best quadrature formulae for certain classes of functions. M.B. Akon', A.Kh. Turetskii. *Vest. AN SSSR, Ser. fiz.-mat. nauk*, no. 1:15-27 '66.

QUALITY CONTROL

- All students should participate in the struggle of progressive workers for quality of production. S. Balyshov. *Prof. -lekh. obr.* 23 no. 3:15-16 Mr '66.
- Give quality the primary attention. F.K. Kokanbaev. *Ekon. i zhizn'* 8 no. 1:27-30 Ja '66.
- How the standards help to improve the quality of production. V. Shalestov. *Rad. pravo* 20 no. 3:45-48 Mr '66.
- Iampol'skii, A.M. [Quality control of protective coatings] *Kontrol' kachestva zaschitnykh pokrytiy*. Izd. 2., dop. i perer. Moskva, Mashinostroyeniye, 1965. 154 p.
- Improving the quality and durability of railroad rails under operational conditions. D.S. Kazarmovskii, A.N. Naumov. *Stat.* 26 no. 3:262-265 Mr '66.
- Kleinman, E.A. [Statistical methods for the control and regulation of quality] *Statisticheskie metody regulirovaniya i kontrolya kachestva*. Moskva, Izd-vo standartov, 1966. 115 p.
- National system of standardization and the quality of goods. M.D. Emel'anova. *Sov. gos. i pravo* 36 no. 4:41-49 Apr '66.
- Use value and quality. V. Vorotilov. *Vop. ekon.* no. 2: 51-60 F '66.
- QUANTUM CHEMISTRY
- Molecular structure and quantum chemistry. A.A. Levin. *Priroda* 55 no. 3:18-25 '66.
- Molecular structure and quantum chemistry. A.A. Levin. *Priroda* no. 2:2-10 F '66.

QUANTUM ELECTRODYNAMICS

- Angular distribution of γ -quanta in the case of multiple Coulomb excitation of nuclei. I. Berson. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 3:137-140. 1966.
- Differentiation of charged particles in an inhomogeneous medium. F. Kh. Khakimov. *Dokl. AN Tadzh SSR* 9 no. 1:18-22. 1966.
- Classical and finite renormalizations in quantum electrodynamics. I. B. Khrapivich. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 3:575-581. 1966.
- Nobel Prize in physics for 1965. V. F. Andreev, B. P. Pavlovskii. *Priroda* no. 2:115-116. 1966.
- Some interference effects caused by the mixing of quantum levels by external fields. V. L. Ljuboshits, V. A. Onishchuk, M. I. Podgoreiskii. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 3:582-589. 1966.
- Variational principle in dual relativistic electrodynamics. I. I. Vorontsov, A. E. Levashev. *Izv. vuzov, Ser. fiz.* 9 no. 1:65-74. 1966.

QUANTUM ELECTRONICS

- Design and performance of a laser operating on a beam of hydrogen atoms. N. G. Basov and others. *Trudy Fiz. Inst.* 31:139-177. 1965.
- A laser operating on a gaseous mixture. N. G. Basov and others. *Trudy Fiz. Inst.* 31:113-138. 1965.
- Methods for achieving negative temperature states in semiconductors. I. M. Popov. *Trudy Fiz. Inst.* 31:3-73. 1965.
- Pulsations in the radiation power of lasers. A. N. Oraevskii, A. V. Uspenskiy. *Trudy Fiz. Inst.* 31:96-112. 1965.
- Regenerative optical masers. N. G. Basov and others. *Trudy Fiz. Inst.* 31:74-95. 1965.

QUANTUM FIELD THEORY

- Restrictions on the imaginary part of the scattering amplitude at high energies. V. S. Popov, V. D. Mur. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 3:551-558. 1966.
- Theory of a neutral massive tensor field with spin 2. V. I. Ogilevskii, I. V. Polubarinov. *Dokl. AN SSSR* 165 no. 4:839-842. 1966.

QUANTUM THEORY

- Annihilation of baryons in disturbed $\bar{U}(12)$ -symmetry. P. Vinternik and others. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 3:541-544. 1966.
- Anomalous E 1-transitions in deformed odd nuclei. B. L. Birbrair, V. Feifrik. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 3:406-412. 1966.
- Asymptotic behavior of a spectral matrix in a one-dimensional Dirac system. I. S. Sargisov. *Dokl. AN SSSR* 165 no. 5:1058-1061. 1966.
- Average measurement and the Einstein paradox in quantum mechanics. A. I. Kostakov. *Fiz. probl. such. prirod.* no. 4:80-88. 1965.
- Conversion electrons accompanying Am^{241} alpha-decay and the level scheme of Np^{237} . L. N. Kondrat'ev, E. F. Tret'akov. *Izv. AN SSSR, Ser. fiz.* 30 no. 3:386-393. 1966.
- Coulomb excitation of electric octupole transitions in the Li^{113} nucleus. I. U. P. Gangskii, I. Kh. Lemberg. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 3:401-454. 1966.
- The decoupling parameter in T₁ isotopes. V. Feifrik. *Izv. AN SSSR, Ser. fiz.* 30 no. 3:501-503. 1966.
- Electroproduction of the $\text{N}_3/2$ (1238) isobar in the scheme of relativistic SU(6)-symmetry. B. V. Geshkenbein. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 3:549-550. 1966.
- Foundation of the method of kinetic equations in the theory of generation of a second optical harmonic. I. O. Marushko, V. S. Mashkevych. *Ukr. fiz. zhur.* 11 no. 2:183-193. 1966.

- Interaction of electromagnetic waves with a two-level system. V. B. Krasovitskiy, V. I. Kurliko. *Zhur. tekh. fiz.* 36 no. 2:401-404. 1966.
- Inter-nucleon pair interaction and the problem of the position of single-particle levels in atomic nuclei. I. V. Kurlumov, E. L. Adrovskii. *Izv. AN SSSR, Ser. fiz.* 30 no. 3:494-500. 1966.
- The Josephson tunnel effect in superconductors. G. F. Zharkov. *Usp. fiz. nauk* 88 no. 3:419-438. 1966.
- The k/β^2 relation for the allowed transitions V_{10} ($4^+ \rightarrow 4^+$) and Co^{58} ($2^+ \rightarrow 2^+$). E. I. Birlukov, E. G. Zaleski, N. S. Shumanskaya. *Izv. AN SSSR, Ser. fiz.* 30 no. 3:504-510. 1966.
- Lifetime of the first excited state of Sm^{148} . E. E. Berlovich and others. *Izv. AN SSSR, Ser. fiz.* 30 no. 2:184-197. 1966.
- Longitudinal relaxation time of oriented atoms. N. G. Preobrazhenskii, S. V. Senina, A. V. Senina. *Izv. vuzov, Ser. fiz.* 9 no. 1:42-47. 1966.
- A nonideal Bose gas at nonzero temperatures. V. I. Kilatskiy. *Izv. vuzov, Ser. fiz.* 9 no. 1:163-170. 1966.
- Nonsteady-state problems in quantum mechanics, and the Laplace transform. I. U. N. Demkov. *Dokl. AN SSSR* 165 no. 5:1075-1078. 1966.
- Odd-odd magnetic interaction and spontaneous ortho-para transitions in hydrogen molecules and molecular ions. V. S. Larunin. *Vest. LGU* 21 no. 4:18-22. 1966.
- Phase operator of an oscillator. E. D. Trifonov, A. S. Troshin. *Vest. LGU* 21 no. 4:69-74. 1966.

- The problem of three-particle scattering in quantum mechanics. R. V. Vozdinskii. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 3:560-574. 1966.
- Quantum-mechanical calculation of molecules. Theory of generalized combined orbits. V. G. Plotnikov. *Izv. vuzov, Ser. fiz.* 9 no. 1:107-110. 1966.
- Quantum oscillations of the surface resistance of zinc at the frequency of 1 Mc. I. U. P. Gaidukov, I. P. Kuchetov. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 5:227-231. 1966.
- Quasi-stationary single-particle states in Pb^{208} . V. L. Korotkiy, V. M. Moskovkin, N. P. Iudin. *Izv. AN SSSR, Ser. fiz.* 30 no. 2:319-321. 1966.
- Radiative capture of protons by the S^{38} isotope, and the excited states of the Cl^{37} nucleus. A. A. Koval' and others. *Izv. AN SSSR, Ser. fiz.* 30 no. 3:116-125. 1966.
- Second-order structural corrections to the Lamb shift in hydrogen and deuterium atoms. V. A. Petrun'kin, S. F. Semenko. *Izv. Akad. Nauk SSSR, Ser. fiz.* 30 no. 3:189-191. 1966.
- Static characteristics of strange particle interaction in disturbed SU(6)-symmetry. I. V. Gadalov and others. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 3:533-540. 1966.
- Structure of the S-matrix for quantum problems soluble by the contour integral method. I. U. N. Demkov. *Vest. LGU* 21 no. 4:7-10. 1966.
- Theory of quantum oscillations of surface impedance. M. I. Arbel', G. A. Beglasyan. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 5:201-205. 1966.

QUARRIES AND QUARRYING

- (see also subdivision under Borovichi region, Novgorod Province; Kursk Magnetic Anomaly)
- Drainage of quarries of dipping aquifers. V. A. Mironenko, I. U. A. Norvator. *Zap. LGU* 48 no. 2:17-21. 1965.

QUARTZ

- Methods of prospecting for deposits of piezooptical quartz. M. M. Khudonok. *Izv. vuzov, Ser. fiz.* 9 no. 1:53-59. 1966.
- Refractometric studies of natural and synthetic quartz. V. B. Tatarskiy, V. F. Chernysheva. *Zap. Vses. min. obva* 55 no. 1:63-70. 1966.

QUARTZITE see subdivision under Il'men Mountains

QUESTIONING

- Brief historical study of confrontation and interrogation in Russia. A. K. Davietov. *Uch. zap. Osh gos. ped. inst.* no. 8:189-215. 1964.

QUEUEING THEORY

- Klimov, G. P. [Stochastic queueing systems] Stokhasticheskie sistemy obsluzhivaniia. Moskva, Nauka, 1966. 243 p. (Biblioteka prikladnogo analiza i vychislitel'noi matematiki)
- Limiting behavior of the distribution of waiting time. E. G. Samandarov. *Dokl. AN Tadzh SSR* 9 no. 1:3-7. 1966.

- Non-stationary solution in the case of the possible breakdown of a device. T. I. Nasirova. *Trudy Vych. tsentra AN Azerb SSR* 3:30-32. 1965.

- Solution of a problem in queueing theory. A. Akhmedov. *Izv. AN Turk. SSR, Ser. fiz., tekhn., khim. i geol. nauk* no. 6:133-41. 1965.

QUININE

- Modification of a tubercle method of the examination of gastric contents using quinine-impregnated ion-exchange resins. S. B. Kolesovskiy and others. *Sov. med.* 27 no. 5:66-69. 1964.
- Treatment of septic and feverish states with quinine hydrochloride together with other therapeutic agents. J. Taitl. *Sbor. nauch. rab. vrachei Kar. ASSR* no. 4:188-189. 1962.

QUININE-SPECTRA

- Spectrophotometric determination of quinine in the ultraviolet range. T. E. Gullimova. *Apt. delo* 14 no. 3:31-35. 1965.

QUINOLINOL

- Mercurimetric determination of chlorides, thiocyanates, and cyanides using 5-(8,1-sulfonaphthylazo)-8-hydroxyquinoline. O. V. Shvanova, I. S. Mustafin. *Zhur. anal. khim.* 21 no. 2:242-243. 1966.

QUINOXALINE

- Synthesis of phosphonic acid esters containing heterocyclic radicals. Report No. 31. Alkyl esters of 2-methyl-3-(6-phosphonmethyl)-quinoxaline. B. A. Aibuzov, V. M. Zorostrov. *Izv. AN SSSR, Ser. khim.* no. 2:254-257. 1966.

QUINOXALINEDIONE

- Heterocyclic derivatives based on substituted 1,4-naphthoquinone. Part 2: Synthesis and properties of 2,2-substituted benzoxoquinoline-5,10-diones. G. A. Efimova, L. S. Efros. *Zhur. org. khim.* 2 no. 3:531-536. 1966.

QUINOCLIDINE—PHYSIOLOGICAL EFFECT

- Effect of some tertiary and quaternary quinuclidine derivatives and related compounds on the choline-reactive systems of the body. K. A. Zaitseva, M. D. Maslovskii, L. F. Roshchina. *Farm. i toks.* 27 no. 6:688-690. 1964.

QUINOCLIDINOL

- Analysis of the combined effect of two sedatives, meprobamate and oxydine, with amidoxyline. M. V. Komendatova, N. V. Kuzina. *Farm. i toks.* 29 no. 1:3-8. 1966.
- Effect of oxydine on conditioned reflex activity. L. V. Roshchina. *Farm. i toks.* 27 no. 6:659-662. 1964.

RABIES see subdivision under Guryev Province

RACCOONS see subdivision under Maritime Territory

RADAR

- Angular noise. R. V. Ostrovskiy. *Radiotekh. i elektron.* 11 no. 4:602-601. 1966.
- Features of radar using signals with quantum structure. P. A. Bakut. *Radiotekh. i elektron.* 11 no. 4:643-652. 1966.

RADAR—COLD WEATHER OPERATION

- Preparation of radar for winter in advance. I. V. Sidel'nikov. *Vest. protivovozd. obr.* no. 10:50-51. 1965.

RADAR, MILITARY

- (see also subdivision under Czechoslovakia)
- Distortion of signals. V. M. Zuev. *Vest. protivovozd. obr.* no. 10:58-59. 1965.
- Minor automation. N. K. Pashnikov. *Vest protivovozd. obr.* no. 1:30-31. 1966.

- Vishni, G. M. [Selection of moving targets] *Solektella dvizhushchikhsia tseloi.* Moskva, Voenizdat, 1966. 274 p.

RADAR, MILITARY—STUDY AND TEACHING

- Initiative and decisiveness. G. G. Suleimanov. *Vest protivovozd. obr.* no. 1:51-52. 1966.

RADAR IN ASTRONOMY

- Measurement of the earth-moon distance by the optical location method. I. U. N. Kukul'nikov and others. *Izv. Akad. Nauk SSSR, Ser. fiz.* 3 no. 5:210-223. 1966.

RADAR IN NAVIGATION

- Attachment for the "Don"-type ship radar stations. G. Zomskov. *Mor. flot* 26 no. 3:21-23. 1966.
- Use of radar stations with true motion indicators when passing other ships in fog. L. Egozov, I. U. Zaitsev. *Mor. flot* 26 no. 2:42-43. 1966.

RADAR METEOROLOGY

- Stepanenko, V. D. [Radar in meteorology; radiometeorology] *Radiometeorologiya i meteorologiya.* Leningrad, Gidrometeorizdat, 1966. 350 p.

RADIATION

- Role of effective radiation in the processes of winter cooling of the sea. G. V. Glushko. *Mat. rybnokhoz. tsent. Sev. kaz.* no. 5:123-127. 1965.

RADIATION—BIBLIOGRAPHY see Bibliography—Radiation

RADIATION—DOSAGE

- Calculation of doses in X-ray and gamma ray irradiation through a grid. A. I. A. Borilovskii, E. A. Paim. *Vop. ank.* 12 no. 2:91-93. 1966.
- Individual photodosemetry of neutrons by the use of radhom. L. I. Zelmalov and others. *Atom. energ.* 20 no. 1:54-55. 1966.
- Loop dosimetric transformer. S. V. Starodubtsev, I. Kh. Abdukadyrova, V. V. Gennorova. *Izv. AN Uz. SSR, Ser. fiz., mat. nauk* 10 no. 1:62-64. 1966.

RADIATION—EFFECT ON ACETONE see Acetone, Effect of radiation on

RADIATION—EFFECT ON ALKALI METAL PERMANGANATES see Alkali metal permanganates, Effect of radiation on

RADIATION—EFFECT ON ALLYL ALCOHOL see Allyl alcohol, Effect of radiation on

RADIATION—EFFECT ON BENZENE see Benzene, Effect of radiation on

RADIATION—EFFECT ON CARBOHYDRATES see Carbohydrates, Effect of radiation on

RADIATION—EFFECT ON CESIUM CHLORIDE see Cesium chloride, Effect of radiation on

RADIATION—EFFECT ON DOMESTIC ANIMALS see Domestic animals, Effect of radiation on

RADIATION—EFFECT ON GASOLINE see Gasoline, Effect of radiation on

RADIATION—EFFECT ON HYDROCARBONS see Hydrocarbons, Effect of radiation on

RADIATION—EFFECT ON ION-EXCHANGE RESINS see Ion-exchange resins, Effect of radiation on

- RADIATION—EFFECT ON MICRO-ORGANISMS** see Micro-organisms, Effect of radiation on
- RADIATION—EFFECT ON MOLDS (BOTANY)** see Molds (Botany), Effect of radiation on
- RADIATION—EFFECT ON OXALATOARGENTATES** see Oxalatoargentates, Effect of radiation on
- RADIATION—EFFECT ON PARAFFINS** see Paraffins, Effect of radiation on
- RADIATION—EFFECT ON PLANTS** see Plants, Effect of radiation on
- RADIATION—EFFECT ON POLYAMIDES** see Polyamides, Effect of radiation on
- RADIATION—EFFECT ON POTATOES** see Potatoes, Effect of radiation on
- RADIATION—EFFECT ON REFRACTORY CONCRETE** see Refractory concrete, Effect of radiation on
- RADIATION—EFFECT ON SILICON CRYSTALS** see Silicon crystals, Effect of radiation on
- RADIATION—EFFECT ON STEEL** see Steel, Effect of radiation on
- RADIATION—EFFECT ON SULFIDES** see Sulfides, Effect of radiation on
- RADIATION—EFFECT ON TRIOXANE** see Trioxane, Effect of radiation on
- RADIATION—PHYSIOLOGICAL EFFECT**
Analysis of some radiation injuries in deoxyribonucleoproteins at molecular and supermolecular levels, P. I. Tseitlin and others, *Izv. AN SSSR, Ser. biol.*, no. 2:107-211 Mr-Apr '68.
Changes in the biophysical parameters of the surface layers of the protoplasm of mollusk neurons under the effect of ionizing radiation, V. I. Bohomolova, V. A. Mals'kyl, *Fiziol. zhur. [Ukr.]* 12 no. 1:63-69 Ja-F '66.
Determination of the reactivity of spermatogenic epithelium of mice on the basis of the degree of its regeneration, K. K. Surikova, *Radiobiologiya* 6 no. 1:151-153 '68.
Effect of a gaseous medium on the susceptibility of mice in irradiation with various dose capacities, O. P. Smirnov, *Med. rad.* 11 no. 2:75-80 F '66.
Effect of ionizing radiation on the content of nucleic acids of liver mitochondria in rats, V. V. Rudakov, V. M. Korotki, *Blud. skop. biol. i med.* 61 no. 1:51-52 Ja '66.
Effect of separate and combined use of 5-methoxytryptamine and cystamine on myelogram and degeneration of cells in the hemopoietic organs of irradiated mice, N. P. Lebkova, *Radiobiologiya* 6 no. 1:105-108 '68.
Healing of liver wounds under the effect of large doses of ionizing radiation: experimental study, P. L. Ogil', *Khim. khir.* no. 6:28-32 '65.
Histochimistry of protein substances of irradiated ovaries in a rabbit, N. M. Lutsenko, *Radiobiologiya* 6 no. 1:148-149 '68.
Leucocytic and glycolytic reactions to adrenaline in rabbits following a single and fractional irradiation, I. V. Remizova, *Radiobiologiya* 6 no. 1:69-72 '66.
Respiration of salmon (*Salmo salar* L.) eggs in water polluted with radioactive substances, G. V. Neustroev, V. N. Podymakhin, *Radiobiologiya* 6 no. 1:115-116 '68.
Some characteristics of the dying dynamics of irradiated biological objects, I. D. Bychkovskaya, *Radiobiologiya* 6 no. 1:39-45 '66.
Study of free radical processes as affected by irradiation of model systems and the role of radicals in radiation injury, N. M. Emanuel' and others, *Izv. AN SSSR, Ser. biol.* no. 2:183-186 Mr-Apr '68.
- RADIATION—SAFETY MEASURES**
Dosage loads in medical personnel working with colloid Au¹⁹⁸, I. P. Korenkov, *Med. rad.* 11 no. 3:95-99 Mr '66.
Hygienic characteristics of working with the sources of short and ultrashort waves in radio and television stations, P. P. Fukalova, *Trudy Lab. elektromag. pol. rad. AMN SSSR* no. 2:158-163 '64.
Protection means from superhigh frequency radiation and their effectiveness, Z. V. Gordon, V. V. Eliseev, *Trudy Lab. elektromag. pol. rad. AMN SSSR* no. 2:151-157 '64.
- RADIATION—TOXICOLOGY**
Formation of free radical states in the liver of animals subjected to gamma irradiation and radiotoxins of the lipid nature, Z. I. Baltbardzys and others, *Dokl. AN SSSR* 167 Mr '68.
- RADIATION—PROTECTIVE AGENTS**
Antiradiation effect of inert gases and low molecular narcotics, Report No. 5: Protective effect of lower monohydric alcohols following X-ray irradiation of bean seedlings, V. P. Paribok, E. I. Genier, *Radiobiologiya* 6 no. 1:97-100 '68.
- Effect of radioprotective agents (anoxia, cystamine, and cystamine) on the sulphydryl group level in cells of Ehrlich's ascitic cancer, E. I. Graevskii, I. V. Nekrasova, A. G. Taisenko, *Dokl. AN SSSR* 166 no. 4:974-977 F '66.
Effect of radioprotectors in fractional irradiation. Report No. 3: Evaluation of the effectiveness of vaccine prophylaxis following prolonged irradiation, O. G. Alekseeva, E. A. Lavrenchik, S. P. Larmonenko, *Radiobiologiya* 6 no. 1:112-114 '68.
Possibility for using the determination of general amount of positive Dielsche compounds in urine for selecting radioprotectors, S. A. Davydova, V. M. Dorofeev, V. G. Likhovlev, *Radiobiologiya* 6 no. 1:93-96 '66.
Radioprotective action of uterine milk on animals in vitro, S. I. Arbuzov and others, *Radiobiologiya* 6 no. 1:149-150 '66.
Testing DNA, RNA, RNA hydrolysal and orotic acid as radioprotectors of leukocytes in rabbits and rats, N. D. Petrova, M. I. Shal'nov, *Radiobiologiya* 6 no. 1:101-104 '66.
- RADIATION SICKNESS**
Characteristics of energy and nitrogen metabolisms of the brain in acute radiation sickness, A. I. Veksel', *Vop. med. khim.* 12 no. 1:26-30 Ja-F '66.
Characteristics of the reactions to bacterial antigens following irradiation, V. N. Mal'tsev, *Med. rad.* 11 no. 2:70-75 F '66.
Composition of nucleic acids in the brain of guinea pigs affected by an acute radiation sickness, M. I. Kucherenko, E. F. Sonin, *Ukr. biokhim. zhur.* 38 no. 1:50-54 '66.
Experimental data on the state of the thymus in acute radiation sickness, V. V. Kholin, *Radiobiologiya* 6 no. 1:65-68 '66.
Morphological and functional changes in the retina following radiation sickness in rabbits, A. B. Melik-Mus'lian, *Radiobiologiya* 6 no. 1:80-82 '66.
Moloi function of the gallbladder in chronic radiation sickness, A. V. Chachava, *Sob. AN Gruz. SSR* 41 no. 1:190-206 Ja '66.
Significance of the functional state of the hypothalamus region for the outcome of radiation sickness, V. V. Petelina, *Radiobiologiya* 6 no. 1:81-83 '66.
- RADIATION STERILIZATION**
Effect of gamma radiation on the physiology of the growth and spread of mold fungi, L. P. Koval'skaya, S. V. Silaeva, *Kons. i ov. prom.* 21 no. 3:37-40 Mr '66.
- RADIATORS**
Technical and economic evaluation of radiators, M. I. Fil'mel', *Izv. vuz. ucheb. zav. stol. i arkhiv.* 0 no. 1:108-110 '66.
Welding of flat-oval radiator pipes with radio frequency currents, I. U. M. Matveev and others, *Stal'* 28 no. 3:215-248 Mr '65.
- RADICALS (CHEMISTRY)**
Chemistry of free radicals of the hydrazine series, Part 34: Benzoyl derivatives of α -benzo- and naphthalenyl- (phenylhydrazines), L. A. Petrov and others, *Zhur. org. khim.* 2 no. 3:501-504 Mr '66.
Discussion of problems in the chemistry of radicals; general meeting of the Department of General and Technical Chemistry of the Academy of Sciences of the U.S.S.R., B. A. Englin, *Vest. AN SSSR* 36 no. 1:150-162 Ja '66.
Free iminoxyl radical in Darzens condensation, V. A. Golubev, M. B. Nelman, E. G. Rozantsev, *Izv. AN SSSR Ser. khim.* no. 2:343-345 '66.
Some characteristics of the formation of free radicals during vibration pulverization of cellulose, G. I. Gorokhov, G. V. Abagian, P. I. Butagin, *Izv. vuz. ucheb. zav. i les. zhur.* 8 no. 6:135-139 '65.
Study of free radical processes as affected by irradiation of model systems and the role of radicals in radiation injury, N. M. Emanuel' and others, *Izv. AN SSSR, Ser. biol.* no. 2:183-186 Mr-Apr '68.
- RADICALS (CHEMISTRY)—SPECTRA**
Free nitroxide radicals on the basis of benzoquinolines, L. S. Povorov, A. B. Shapiro, E. G. Rozantsev, *Izv. AN SSSR, Ser. khim.* no. 2:339-341 '66.
- RADIN, NIKOLAI MARIUSOVICH, 1872-1935**
[Nikolai Mariusovich Radin; autobiography, articles, performances, letters. Studies and reminiscences of N. M. Radin] Nikolai Mariusovich Radin; avtobiografiya, stat'i, vystupleniya, pis'ma. Slat'i i vospominaniya o N. M. Radine. Moskva, Vsesoyuz. teatr. ob-vo, 1965. 381 p.
- RADIO**
Levin, B. R. [Theoretical principles of statistical radio engineering] Teoreticheskie osnovy statisticheskoi radiotekhniki, Moskva, Sovetskoe radio, Book 1. 1965. 728 p.
Smirnov, D. V. [Fundamentals of radio engineering and communications equipment] Osnovy radiotekhniki i tekhniki svyazi, Moskva, Kolos, 1965. 383 p. (Uchebnykh i uchebnye posobiya dlya sel'skokhoziaistvennykh tekhnikumov)
- RADIO—ABSTRACTS**
[Radio engineering and telecommunication] Ref. zhur. 'Radiotekh. i elektrosv'яз'. no. 2 F '68. Avtorskii ukazatel' za 1965 g.
- RADIO—BIBLIOGRAPHY** see Bibliography—Radio
- RADIO—DIAGRAMS**
How to read radio diagrams, E. Bornevolokov, *Radio* no. 2:49-52 F '66.
- RADIO—EQUIPMENT AND SUPPLIES**
Our consultations, *Radio* no. 2:62-63 F '66.
- RADIO—EXHIBITIONS**
Translated "Cybernetic turtle" K. Shubert, *Radio* no. 2:56 F '66.
- RADIO—INTERFERENCE**
Action of weak and strong impulse noises on the FM receiver of a telemetry system, I. I. Chuglin, *Trudy VNIKAneftgaz* no. 1:218-231 '65.
Characteristics of impulse noise suppression systems, A. P. Gol'dberg, *Elektrosv'яз'* 20 no. 2:31-42 F '66.
Interference of the radio receiver of a remote control system in the presence of impulse noise, L. B. Vanchukovskii, *Trudy VNIKAneftgaz* no. 1:208-217 '65.
Some statistical interference characteristics of 6 kv. power distribution networks, E. A. Rozenkvit, *Nauch. trudy AKKH* no. 34:103-106 '65.
Study of positive corona pulses and radio interference from a wire under field conditions, L. S. Potel'man, M. I. Chernobrodov, *Elektrichestvo* no. 4:62-66 Ap '66.
- RADIO—RECEIVERS AND RECEPTION**
Angular noise, R. V. Ostrovskanov, *Radiotekh. i elektron.* 11 no. 4:592-601 Ap '66.
Effect of the statistical characteristics of useful input signals on the structure of an optimal binary reception system, I. U. P. Kuznetsov, *Radiotekhnika* 21 no. 3:79-80 Mr '68.
"Gamma" radio-phonograph combination, E. Pozner, *Radio* no. 2:41-43 F '66.
Interference rejection of diversity reception using a coherent signal composition technique, I. S. Andronov, *Radiotekhnika* 21 no. 3:44-50 Mr '66.
Izumov, N. M. [Frequency conversion] Prosvetovaniye chistoty, Moskva, Energiya, 1965. 102 p. (Massovaya radiobiblioteka, no. 585)
Measure of the distinguishability of signals with noise background, V. E. Larushok, *Radiotekh. i elektron.* 11 no. 4:608-610 Ap '66.
Optimal reception of signals with nongaussian background noise, R. L. Stralovoych, I. U. Sosulin, *Radiotekh. i elektron.* 11 no. 4:579-591 Ap '66.
Spatial isotropic filtration of correlated background noise, K. P. Kirdiashev, *Radiotekh. i elektron.* 11 no. 4:602-607 Ap '66.
- RADIO—TECHNOLOGICAL INNOVATIONS**
Let's meet the congress in a proper way, *Radio* no. 2:3 F '65.
- RADIO—TRANSMITTERS AND TRANSMISSION**
Transmitter of the first class, A. Kamallagin, *Radio* no. 2:10-20 F '66.
- RADIO, MILITARY**
Army of the people, A. Getman, *Radio* no. 2:1-2 F '66.
Heroes of combat glory, I. U. Krinova, I. Bolotina, *Radio* no. 2:4-5 F '66.
- RADIO, SHORTWAVE**
Study of the effect of losses on the energy parameters of distributed power amplifiers, V. M. Goller, *Izv. SO AN SSSR* no. 10 Ser. tekhn. nauk no. 3:61-60 '64.
- RADIO, SHORTWAVE—ANTENNAS**
Antenna balancing devices, K. Kharchenko, *Radio* no. 2:24-25 F '66.
In foreign countries, *Radio* no. 2:57-59 F '66.
- RADIO ADDRESSES, DEBATES, ETC.** see subdivision under Kiev
- RADIO ASTRONOMY**
(see also subdivision under Ukraine)
Attenuation of radio waves in the interplanetary space and near the sun, O. I. Likhovlev, A. I. Efimov, K. M. Shvachkin, *Radiotekh. i elektron.* 11 no. 4:617-622 Ap '66.
Radio noises and the temperature of Venus, V. M. Vekhin, A. I. Lebedinskii, *Zem. i vsei.* 2 no. 1:79-81 Ja-F '66.
Scattering of radio waves in the interplanetary space, V. V. Vilkovich, *Radiotekh. i elektron.* 11 no. 4:623-631 Ap '66.

RADIO ASTRONOMY—CONGRESSES

Some of the results in radio astronomy, all-Union conference in Khar'kov. B. A. Dubinskii. Vest. AN SSSR 36 no. 1 146-147 Ja '66

RADIO AUDIENCES

For all and for everybody. G. Kuznetsov. Sov. radio i tel. 12 no. 4 3-4 Ap '63

RADIO CIRCUITS

Zaezdny, A. M. [Fundamentals of radio circuit design; linear circuits with harmonic effects] Osnovy raschetov radiotekhnicheskikh tsepi, lineinye tsepi pri garmonicheskikh vozdeystviyakh. Moskva, Svyaz', 1966. 367 p.

RADIO CLUBS

Radio technical club in the No. 2 secondary school of Ulan-Ude. V. M. Tiumentsev. Shkola i prom. 10 no. 3 94 Mt. '66

RADIO DETECTORS

Harmonic frequency detector. V. M. Sidakov, A. A. Kubitshvili. Radiotekhnika 21 no. 3 75-77 Mr. '66

RADIO DIRECTION FINDERS

Comparison of actual and potential accuracy of radio direction finding. Part 2. Impulse signals. Radiotekhnika 21 no. 3 63-68 Mr. '66.

RADIO FILTERS

Design of transistor RC filters. M. Makhukov. Radio 10 2 35-37 F. '66

Special features of the operation of an automatic phase frequency trim system and a high-pass filter. F. A. Pevzner. Trudy GPI 20 no. 2 63-66 '64.

RADIO-FREQUENCY COSMIC RADIATIONS see Cosmic radiations, Radio-frequency

RADIO IN PROPAGANDA

We have a big job ahead! Sov. radio i tel. 12 no. 4 1-2 Ap '63.

RADIO INDUSTRY—MANAGEMENT

Determining economic efficiency of the automation of production processes in the radio industry. E. A. Gocharova. Mekh i avtom. proizv. 20 no. 2 34-36 F. '66.

RADIO INDUSTRY—QUALITY CONTROL

Processing of information in radio component sorting automata. F. B. Grinevich, T. N. Mantush. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3 3-8 '64.

RADIO JOURNALISM see subdivision under Estonia, Kestroma; Tatar A.S.S.R.

RADIO LINES

Distortion of RF pulses in a helical delay cable. I. U. S. Belozorov. Trudy GPI 20 no. 2 30-39 '64.

Nonlinear transmission line with distributed parameters using a p-n junction. V. N. Shabanov, V. A. Tolomayev. Radiotekhnika i elektronika 11 no. 4 772-773 Ap '66.

Study of the form of a pulse in a modulator with an artificial line. S. I. Evitanov, G. E. Red'kin. Radiotekhnika 21 no. 3 51-58 Mr. '66.

Transient processes in distributing systems with discrete nonuniformities. L. A. Morozin. Trudy GPI 20 no. 2 17-29 '64.

Transient processes in uniform pulse transmission lines. G. V. Glebovich. Trudy GPI 20 no. 2 5-16 '64.

RADIO MEASUREMENTS

Balashov, V. P., ed. [Automation of radio measurements] Avtomatizatsiya radiotzmereniy. (By) V. P. Balashov i dr. Moskva, Sovetskoe radio, 1966. 527 p.

Measurement of low frequencies. A. M. Margolin. Trudy LPI no. 255 49-52 '65

Measuring instruments. S. Majlin. Radio no. 2 46-48 F. '66.

Remez, G. A. [Course in fundamental radio engineering measurements] Kurs osnovnykh radiotekhnicheskikh tsepi. Izd. 3, pererab. i dop. Moskva, Svyaz', 1966. 422 p.

Shkurin, G. P. [Handbook on new radio measuring instruments] Spravochnik po novym radiotzmeritel'nym priboram. Moskva, Voenizdat, 1966. 358 p.

Using the radio measurement method for measuring parameters of the movement of bullets in sheet stamping. A. I. Lopatin and others. Samoletostroi. i tekhn. vozd. flota no. 3 84-85 '65

RADIO MODULATORS

Analysis of a.c. compensating devices for the realization of modulation and demodulation of a signal. V. I. Gostev. Avtom. i telemek. no. 2 134-141 '66.

Study of the form of a pulse in a modulator with an artificial line. S. I. Evitanov, G. E. Red'kin. Radiotekhnika 21 no. 3 51-58 Mr. '66.

RADIO NOISE see subdivision under Mirnyy Station, Antarctica

RADIO PLAYS

Along a thorny path. A. Muzylia. Sov. radio i tel. 12 no. 4 29 Ap '63.

RADIO PROGRAMS

A talk, and what is more, an evening talk! O. Kudenko, B. Mikhailov. Sov. radio i tel. 12 no. 4 4-6 Ap '63

RADIO RELAY SYSTEMS

(see also subdivision under Tien Shan)

Semeechkin, V. N. [Organization of the technical operation of radio relay lines] Organizatsiya tekhnicheskoi ekspluatatsii radioelektricheskikh linii. Moskva, Svyaz', 1965. 48 p. (Leksii po tekhnike svyazi)

Standardized equipment for multichannel multiplex systems of cable and radio relay lines. L. E. Kontov, A. A. Likhutinsky, I. I. Shutoy. Elektr. svyaz' 20 no. 2 9-22 F. '66.

RADIO RESONATORS

Beam theory of open cavity resonators and wave guides with oscillations limited by caustic surfaces. V. P. Bykov. Radiotekhnika i elektronika 11 no. 3 177-187 Mr. '66.

Calculation of the natural frequencies of axially-symmetrical cavity resonators and the critical wave-lengths of regular wave guides. V. M. Dashenkov, V. S. Il'in, I. U. N. N. N. Radiotekhnika i elektronika 11 no. 3 471-476 Mr. '66

Choice of a cavity resonator and the radius of a sphere in measuring the tensor susceptibility of ferrites. E. I. Rodenau, S. G. Mandak. Radiotekhnika i elektronika 11 no. 4 684-692 Ap '66.

Guljaev, N. A. [Radio waveguides, cavity resonators, and microwave antennas] Radiotekhnika i elektronika 11 no. 4 684-692 Ap '66.

Open cavity resonators and lines with compensators in the form of cones and truncated cones. N. N. Votkovich. Radiotekhnika i elektronika 11 no. 3 488-491 Mr. '66.

Oscillations of a cavity resonator in the zone of instability near the confocal point. V. S. Avorobakh. Radiotekhnika i elektronika 11 no. 4 757-759 Ap '66.

RADIO STATIONS—SAFETY MEASURES

Hygienic characteristics of working with the sources of short and ultrashort waves in radio and television stations. P. P. Fukalova. Trudy Lab. elektromagn. pol. rad. AMN SSSR no. 2 158-163 '64.

RADIO WAVE PROPAGATION

Attenuation of radio waves in the interplanetary space and near the sun. O. I. Lakovlev, A. I. Efimov, K. M. Shvachkin. Radiotekhnika i elektronika 11 no. 4 817-822 Ap '66.

Effect of nuclear explosions on radio communication and radar. I. A. Faenov, I. S. Krasitnikov. Vest. prosvet. obor. no. 1 85-90 Ja '66

Errors in the reception of precise time signals connected with the propagation time of radio waves. N. A. Tel'mukhovskii. Trudy Inst. Kom. sland., mer. i izm. prib. no. 77 82-98 '65.

Short and ultrashort radio waves. V. Chernyshev, G. Burba, V. Dubrov. Radio no. 2 17-18 F. '66.

RADIO WAVES

Determination of the temperature of the sea surface from its thermal radio emission. A. S. Gurvich, S. T. Egorov. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 3 305-307 Mr. '66.

RADIO WAVES—PHYSIOLOGICAL EFFECT

Changes in the tigris substance of neurons under the effect of radio waves. V. S. Bilokrynskiy. Fiziol. zhur. [Ukr.] 12 no. 1 70-78 Ja-F. '66.

RADIO WAVES—SCATTERING

Scattering of radio waves in the interplanetary space. V. V. Vikevich. Radiotekhnika i elektronika 11 no. 4 823-831 Ap '66.

RADIOACTIVATION ANALYSIS

Radioactivation method of determining potassium in rock using a magnetic separator. E. M. Lobanov, U. Akbarov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 1 77-80 '66.

Radioactive method of determining oxygen in elastomers during processing and aging. L. V. Chepel' and others. Kauch. i rez. 25 no. 3 49-63 '66.

RADIOACTIVATION ANALYSIS—EQUIPMENT AND SUPPLIES

Apparatus for neutron activation analysis. B. G. Eglazarov, O. A. Karpukhin, V. V. Matveev. Atom. energ. 20 no. 3 252-256 Mr. '66.

RADIOACTIVE FALLOUT

(see also subdivision under Moscow)

Ability of different types of precipitation for washing out fission products from the atmosphere and characteristics of the washing. K. P. Makhon'ko, G. V. Dmitrieva. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 3 297-304 Mr. '66.

Washing away of radioactive aerosols by atmospheric precipitation in the subcloud layer. P. I. Chalov, M. A. Tsevelev. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 2 205-207 F. '66.

RADIOACTIVE PROSPECTING

(see also subdivision under) Binagady-Khar'kum Oil Field; Caucasus, Northern

Radioactive logging of the density and moisture of water-saturated loose soils. S. T. Zvol'skiy, I. U. T. Chetkovskiy. Geol. zhur. 25 no. 6 58-62 '65.

RADIOACTIVE SUBSTANCES

(see also subdivision under) Bryanka Valley

Dependence of the radioactivity and content of chemical elements on the mechanical composition of sedimentary rocks. A. L. Kovalevskii. Geokhimiya no. 3 362-368 Mr. '66.

Krypton isotopes in radioactive minerals. I. U. A. Shukolukov, I. N. Tsotikhin. Geokhimiya no. 9 1076-1081 S. '65.

Some data on the distribution of radioactive elements in ultrabasic and basic rocks. V. I. Gontshikova, S. G. Tsotikhin, V. V. Viktorov. Izv. AN SSSR, Ser. geol. 31 no. 1 17-30 Ja '66.

RADIOACTIVE SUBSTANCES IN PLANTS see Plants, Radioactive substances in

RADIOACTIVE SUBSTANCES IN SOILS see Soils, Radioactive substances in

RADIOACTIVE TRACERS

Flektor, N. A. [Radioisotopes in scientific research] Radioaktivnye izotopy v nauchnykh issledovaniyakh. Moskva, Izd-vo "Znanie", 1966. 30 p. (Novoye v zhizni, nauka, tekhnika. 9 Seriya: Fizika, matematika, astronomiya, no. 4)

Studying translocation of water in drained peat bogs by the method of radioactive indicators. E. S. Drotkova, N. L. Dvin. Gidrol. i mel. 18 no. 2 34-38 F. '66.

Use of isotopes and irradiation in agricultural studies. V. M. Zverilovskii, L. G. Soldatova. Vost. i zap. zh. nauk. 11 no. 3 144-148 Mr. '66.

Use of radioactive isotopes and radiations in agriculture. V. S. Serebrennikov. Shkola i prom. 10 no. 3 82-85 Mr. '66.

RADIOACTIVE WASTE DISPOSAL

Chances and prospects of the treatment of liquid radioactive waste by the "oil" flotation method. A. V. Tokin, V. S. Kuzichyev, I. K. Fomin. Atom. energ. 20 no. 1 53-64 Ja '66.

Use of the heat of chemical reactions for the thermal treatment of liquid radioactive wastes. V. G. Veresukov and others. Atom. energ. 20 no. 3 277-279 Mr. '66.

RADIOACTIVITY see subdivision under Schimacher Ponds, Antarctica

RADIOBIOLOGY

Present state and objectives of modern radiobiology. A. M. Kuzin. Izv. AN SSSR, Ser. biol. no. 2 177-182 Mr.-Ap '66.

RADIOBIOLOGY—CONGRESSES

Present state and tasks of modern radiobiology. V. G. Kocherzhihin. Izv. AN SSSR, Ser. biol. no. 2 323-329 Mr.-Ap '66.

RADIOBROADCASTING

(see also subdivision under) Evenki National Area; Kiev Province; Odessa, Perm

Thirty minutes of empty talk. P. Palladin. Sov. radio i tel. 12 no. 4 28 Ap '63

The voice of truth, the voice of the people. N. Meistatsev. Agitator 33 no. 7 49-40 Ap '66.

Where does the art of the radio begin? L. Meri. Sov. radio i tel. 12 no. 4 6-8 Ap '63

RADIOCARBON DATING

Archaeology argues with physics. L. S. Klein. Priroda 55 no. 3 94-107 '66.

Archaeology argues with physics (to be concluded). L. S. Klein. Priroda no. 2 81-82 F. '66.

Determining the activity of radiocarbon by a proportional counter and its use in dating certain archaeological specimens. A. A. Burchuladze, R. Z. Dzidzhilani, G. I. Tognidze. Soob. AN Gruz. SSR 41 no. 1 55-60 Ja '66.

RADIOCHEMISTRY

Discussion of problems in modern chemistry: conference in Novosibirsk. N. N. Vorozhtsov and others. Vest. AN SSSR 36 no. 2 168-173 F. '66.

Radiochemical analysis. Report No. 1: Radioluminescent determination of some organic substances. V. G. Kokoulin. Zhur. anal. khim. 21 no. 2 203-209 '66.

Regularities in the formation of volatile chlorides of ⁹¹Zr and ¹⁰¹Mo in the interaction of fission fragments with vapors of chlorine-containing compounds. I. Zvara and others. Radiokhimiya 8 no. 1 77-84 '66.

Use of carbon dioxide as a gas-carrier in gas radiochromatography. M. S. Forys. Radiokhimiya 8 no. 1 115-118 '66.

Use of nonaqueous solvents for isolating radioactive ²²Na from irradiated magnesium. N. P. Rudenko, A. S. Zhukovskaya. Radiokhimiya 8 no. 1 63-68 '66.

Use of the chromatographic fission method in the radiochemical analysis of reactor water of the primary cooling system. I. U. P. Salkov. Atom. energ. 20 no. 2 123-126 F. '66.

RADIOCHEMISTRY—CONGRESSES

All-Union Conference on Applied Radiochemistry. I. Spryaguv. Atom. energ. 20 no. 3 282-284 Mi '66.

RADIOECOLOGY

Akademiya nauk SSSR, Sibirskoe otdeleniye. Dal'nevostochniy filial. [Introduction to geohygiene] Vvedeniye v geogigiyenu. Moskva, Nauka, 1966. 322 p.

One of the criteria of the radiation condition in various sea areas. A. F. Fedorov. Mat. i bykhoz. issl. S'v. bna. no. 5-12:114 '65.

RADIOGENETICS

Comparative analysis of interrelationships between the origin of chromosome mutations, induced by chemically active substances and ionizing (gamma rays) radiation, and the physiological state of seeds. N. I. Nuzhdin, N. S. Samokhvalova. Dokl. AN SSSR 166 no. 5-12:17-1220 F '66.

Transmission of radioisotopes by female rat to her children. V. G. Kulikova, N. V. Timofeev-Resovskii. Trudy Inst. biol. UFAN SSSR no. 15:127-136 '65.

RADIOGRAPHY

Transverse tomography and X-ray topography as methods for the construction of transverse sections of the body for the planning of radiotherapy. K. B. Tikhonov, S. S. Kolosov, V. S. Pruchanskii. Med. rad. 11 no. 2:11-14 F '66.

RADIOISOTOPES

In the *Presidium of the All-Union Academy of Agricultural Sciences*. Vest. sel'khoz. nauk. 11 no. 3:125-120 Mi '66.

Radioisotopes in sorption systems. Part 4. Role of neutral electrolytes. I. U. V. Egorov, V. M. Nikolaev, A. S. Llabimov. Radiokhimiya 8 no. 1:8-14 '66.

Thin sources on the basis of surface-active compounds. L. M. Kutsunov, V. G. Floshet. Izv. AN SSSR. Ser. fiz. 30 no. 3:456-460 Mi '66.

Use of a semiconductor (GeLi) detector in studying the soft gamma radiation from odd-odd Sc^{46} , Mn^{56} , Co^{60} , As^{76} , Ag^{108} , Ag^{110} , In^{116} , and Cs^{131} nuclei originating in the (n, γ) reaction. A. M. Beisestov, I. A. Kondurov, I. U. E. Loginov. Izv. AN SSSR. Ser. fiz. 30 no. 2:359-368 F '66.

RADIOISOTOPES—DECAY

Chemical changes during beta-decay in the composition of some p-anilic derivatives. V. D. Nefedov and others. Radiokhimiya 8 no. 3:98-104 '66.

Formation of K_2O_3 during beta-decay of iodine-131 in the composition of H_2O_2 and I_2O_5 . I. S. Kirin and others. Radiokhimiya 8 no. 1:104-106 '66.

RADIOISOTOPES—EFFECT ON PLANTS see Plants, Effect of radioisotopes on

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Atom as a blacksmith. B. Suponov. NTO 8 no. 3:8-12 Mr '66.

Flecker, N. I. A. [Radioisotopes in scientific research] Radioaktivnyye izotopy v nauchnykh issledovaniyakh. Moskva, Izd-vo "Znanie," 1966. 30 p. (Novoe v zhizni, nauke, tekhnike. 8 Seriya: Fizika, matematika, astronomiya, no. 4)

RADIOISOTOPES—MATHEMATICAL MODELS

Mathematical modeling of accumulation and elimination of radioactive isotopes. V. S. Grinev and others. Radiokhimiya 8 no. 1:122-127 '66.

RADIOISOTOPES—PHYSIOLOGICAL EFFECT

Effect of ethylenediaminetetraacetate on the accumulation coefficients of various radioisotopes from the water solution by freshwater hydrobionts. E. A. Timofeeva-Resovskaya, A. B. Gatsova, N. V. Timofeev-Resovskii. Trudy Inst. biol. UFAN SSSR no. 46:47-61 '65.

Effect of prolonged action of the radioactive factor on the state of the blood system and some biochemical indicators in workers of the petroleum industry and scientific research institutes. F. A. Lifendov and others. Azerb. med. zhurn. 41 no. 12:3-8 D '64.

RADIOLARIA, FOSSIL see subdivision under Azartalyan

RADIOLOGISTS—DISEASES AND HYGIENE

Dosage loads in medical personnel working with colloid Au¹⁹⁸. I. P. Korenkov. Med. rad. 11 no. 3:65-69 Mr '66.

RADIOMETRY

Clinicodoseimetric substantiation of methods for large focus skin distance X-ray therapy in uterine tumors. R. V. Stavitskii and others. Med. rad. 11 no. 3:12-19 Mr '66.

Determination of the depth of deposition of the radioactive isotope using the method of simultaneous measurement of two quantities. A. N. Denisov, V. K. Llapdevskii. Med. rad. 11 no. 3:82-85 Mr '66.

Determining indium content in solutions by the method of X-ray radiometric absorption analysis. I. N. Plaksin and others. Izv. vyz. uchob. zav.; tsvet. met. 8 no. 1:13-18 '65.

Graphic method for the determination of the penetration of the dose in large focus skin distance gamma therapy (Co^{60}). L. S. Galina. Med. rad. 11 no. 3:59-61 Mr '66.

Method for the determination of the dosage distribution in a homologous phantom in large focus skin distance gamma therapy using a cadaveric filter. A. S. Pavlov, I. V. Ermolova, T. G. Pavlova. Med. rad. 11 no. 2:3-11 F '66.

Rules for the determination of penetrating doses of X-ray irradiation. A. N. Krugauz, N. Sh. Shagimardanov. Med. rad. 11 no. 3:70-73 Mr '66.

Some dosimetric characteristics of the "LUC-1" gamma-apparatus. L. A. Ostretsov and others. Med. rad. 11 no. 3:77-81 Mi '66.

RADIOSCOPIC DIAGNOSIS see Diagnosis, Radioscopic

RADIOTELEGRAPHY

Optimal coding of signals in multiple phase telegraphy. N. P. Khvorostenok. Elektr. svyaz' 20 no. 2:74-75 F '66.

We are improving the effectiveness of printing radio communication. G. S. Leibman. Vest. prokhoz. i obr. no. 10:62-65 O '65.

RADIOTELEPHONE

Standardized equipment for multichannel multiplex systems of cable and radio relay lines. L. E. Ionov, A. A. Lumbitsev, I. I. Shumov. Elektr. svyaz' 20 no. 2:9-22 F '66.

RADIOTHERAPY

Decrease in the effectiveness of radiotherapy for experimental tumors under the influence of some hemopoietic blood stimulants. A. I. Nikolaev, M. N. Khasankhanova. Vop. onk. 12 no. 3:57-60 '66.

Immediate and late results of radiotherapy in cancer of the vulva. M. A. Koko. Med. rad. 11 no. 3:23-27 Mr '66.

Optimal conditions for radiation treatment of patients with cancer of the cervix uteri. A. K. Petrova and others. Med. rad. 11 no. 3:3-12 Mr '66.

Pantograph for recording the contour of the body in planning radiotherapy. V. A. Kvasov, B. V. Astrakhan. Med. rad. 11 no. 2:82-83 F '66.

Radioinsensitivity of malignant melanomas. M. M. Nilvinskaya, S. M. Parshikova. Med. rad. 11 no. 2:20-28 F '66.

State of pulmonary respiration in radiotherapy and combined therapy of bronchogenic cancer. V. A. Vladimirova. Vop. onk. 12 no. 2:16-21 '66.

Transverse tomography and X-ray topography as methods for the construction of transverse sections of the body for the planning of radiotherapy. K. B. Tikhonov, S. S. Kolosov, V. S. Pruchanskii. Med. rad. 11 no. 2:11-14 F '66.

Use of P^{32} for the evaluation of the effectiveness of radiotherapy in cancer of the cervix uteri. V. Z. Agrat, V. A. Pereletova. Med. rad. 11 no. 3:50-55 Mr '66.

Use of transistors of freshly prepared blood and leukocyte mass during the process of radiotherapy in tumors of the female genitalia. L. A. Zhavoronkova. Med. rad. 11 no. 3:40-44 Mr '66.

RADIOTHERAPY—COMPLICATIONS AND SEQUELAE

Hemopoietic changes in patients with malignant tumors following radiotherapy. A. V. Kozlova, A. A. Klimenko. Med. rad. 11 no. 3:27-36 Mr '66.

Radiation loads in the organs and tissues of the head in small focus skin distance X-ray treatment of cancer of the facial skin. L. V. Novikova, B. A. Konnov. Med. rad. 11 no. 2:62-70 F '66.

State of cellular elements of the parametrial and paracervical cellular tissue during preoperative radiotherapy in cancer of the cervix uteri. G. S. Kolesnikova. Med. rad. 11 no. 3:44-50 Mr '66.

Use of metacel in treating radiation rectitis. Emil Slot. Vop. onk. 12 no. 2:34-37 '66.

X-ray and morphological examination of the skeleton following radiotherapy in tumors of the pelvic organs. L. A. Cherkasskii, K. B. Shimanovskaya. Med. rad. 11 no. 3:35-39 Mr '66.

RADIOTHERAPY—EQUIPMENT AND SUPPLIES

New gamma therapeutic apparatus "LUC-1." A. S. Shiant, A. G. Sul'kin, I. M. Gmel'shtsin. Med. rad. 11 no. 3:73-77 Mr '66.

Some dosimetric characteristics of the "LUC-1" gamma-apparatus. L. A. Ostretsov and others. Med. rad. 11 no. 3:77-81 Mi '66.

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1740-1802 Ivanova, V. P., A. N. Radishchev. [Leningrad] Lentz-dit, 1955. 41 p. (Uzanki Petropavlovskoi kreposti) (RPB)

RADIUM

Significance of radium concentration in underground waters for correlation and petroleum prospecting as revealed by a study in the oil- and gas-bearing region of the Ukraine. E. S. Gavrilchenko, V. M. Shchepak, V. M. Guralo. Geol. i geokh. nef. i gas. mestorozh. no. 3:64-73 '65.

RADIUM—ANALYSIS

Transfer of radon to the emanation chamber by means of carbon dioxide. B. P. Zhagin, N. N. Shashkina. Radiokhimiya 8 no. 1:120-122 '66.

RADON

Transfer of radon to the emanation chamber by means of carbon dioxide. B. P. Zhagin, N. N. Shashkina. Radiokhimiya 8 no. 1:120-122 '66.

RAGIMOV, SHAMO SULEIMAN OGLY, 1931-1965

Sh. S. Ragimov, obituary. Izv. AN Azerb. SSR. Ser. geol. i geog. nauk no. 5:159-161 '65.

RAILROAD BRIDGES

Estimating the value of the dynamic coefficient in railroad bridge framework. E. E. Surikova. Trudy Ural. elektromekh. inst. inzh. zhelezn. dor. transp. no. 10:105-112 '65.

For bridge inspection and repair. I. V. Fetisov. Put' i put. khoz. 10 no. 2:29 '66.

RAILROAD ENGINEERING

Studying the mechanism of aggregation in clay soils. G. N. Zhinkin. Sbor. trud. LIZHT no. 234:71-85 '65.

Using the geochemical method for detecting karst zones. S. I. Parfionov. Put' i put. khoz. 10 no. 2:32-33 '66.

RAILROAD ENGINEERING—STUDY AND TEACHING

Bogolavitskii, V. N. [Design of electric traction motors for diesel locomotives; lecture for students of the 5th year studying "Diesel locomotives, their operation, maintenance and repair"] Raschet tlagovogo elektrodvigatelya dlya teplovozov; lektsiya dlya studentov V kursa spetsial'nosti "Teplovozy i teplovoznye khoz. i sluzhba." Moskva, Vses. zaochnyi in-t inzhenerov zhelezn. dor. transporta, 1964. 28 p. [MICROFILM]

RAILROAD LAW, INTERNATIONAL

Rugala (1923- U.S.S.R.) Ministerstvo putei soobshcheniya. [Forms for transit transportation of freight between the U.S.S.R. and the Socialist Federal Republic of Yugoslavia on the railroads of the Hungarian People's Republic, effective as of November 1, 1955] Usloviya porozhkovykh gruzov mezhdu SSSR i SFRJ na tranzitno po zheleznykh dorogam VNR; detslyul s 1 noyabrya 1955 g. Moskva, Transport, 1955. 15 p. (Tarifnoe rukovodstvo, no. 27)

RAILROAD RESEARCH

Alliance of science and production. N. Konarev, V. Angeleiko. NTO 8 no. 3:30-40 Mr '66.

Collaboration of science and engineering. K. I. Skobelev. Elektr. i tepl. tlag. 8 no. 12:30-40 D '65.

State of railroad science on the eve of the 23d Congress of the CPSU. Vest. TSNII MPS 25 no. 2:3-4 '65.

RAILROADS

Railroad transportation at the threshold of the new five-year plan. P. G. Muratov. Elektr. i tepl. tlag. 10 no. 3:1-5 Mi '66.

RAILROADS—ACCIDENTS

Unusual mechanism of severing an extremity in a railroad accident. L. S. Sverdlov, G. K. Tkachenov. Sud. i med. eksp. 10 no. 1:38 Ja-Mr '66.

RAILROADS—CARS see subdivision under Dnku

RAILROADS—COMMUNICATION SYSTEMS

Evaluating the quality of data transmission channels. V. M. Lisenkov. Vest. TSNII MPS 25 no. 2:54-58 '66.

RAILROADS—CONTINUOUS RAILS

Bromberg, E. M. [Stability of tracks with continuous rails] Ustoychivost' besстыkovogo puti. Moskva, Transport, 1966. 65 p. (Dobroizvestiya nauki i tekhniki—v proizvodstvo)

Observe the regulations on the relieving of stresses. A. S. Kucher. Put' i put. khoz. 10 no. 2:21 '66.

RAILROADS—COST OF CONSTRUCTION

Operational indices of the work of automotive transportation in construction dependent of road conditions in the construction of the lines Achinsk-Aldakov and Ivdel'-Ch. V. I. A. Tkachenko. Sbor. trud. LIZHT no. 234:34-44 '65.

RAILROADS—COST OF OPERATION

(see also subdivision under Communist countries)

Plans and their documentation. F. A. Senko, N. P. Pavlanova. Put' i put. khoz. 10 no. 2:21-22 '66.

Problems of determining the cost of railroad transportation by destinations. A. M. Shnig, Trudy MFT no. 216:97-113 '65.

RAILROADS—DESIGN AND CONSTRUCTION

Methodology of determining the efficient distance of automotive transportation of structural parts and materials for small engineering structures in the construction of second tracks. A. S. Krivok. Sbor. trud. LIZHT no. 234:18-33 '65.

RAILROADS—DESIGN AND CONSTRUCTION (Continued)

Order of operations in the organization of the construction of the track superstructure. N. M. Molevno. Sbornik LITZHT no. 234, 3-17 '65

Roads of friendship. M. Beloshech. Vnesh. toig. 16 no. 3, 8-11 '66

Vornikov, S. M. [The road is being laid dividing the talga] Loshkisa doroga, talgu razdvigaya. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963. 62 p. [MICROFILM]

RAILROADS—ELECTRIC EQUIPMENT

(see also subdivision under Ore Province, Siberia, Western)

Lighting of classification yards to secure round-the-clock observation by means of television. N. G. Chesnokova. Trudy TSNI MPS no. 298 1-20 '65

Time dependent programming device using electromagnetic relays. I. A. Tsapelev. Nauch. trudy OMIIT 51 67-96 '64

Variants of a resonant track circuit with a detector relay. M. V. Furovskii. Nauch. trudy OMIIT 51 57-62 '64

RAILROADS—ELECTRIFICATION

Collaboration of science and engineering. K. I. Skobelev. Elek. i tepl. tizh. 9 no. 12, 30-40 D '65

Twenty-five thousand kilometers of electrified railroad lines. Elek. i tepl. tizh. 9 no. 12 1-3 D '65

RAILROADS—EMPLOYEES

(see also subdivision under Moscow Province)

The Moscow party organization at the forefront of the heroic work of the railroad employees of the capital city during the conclusive phase of the Great Patriotic War. P. Z. Smirnova. Trudy MIIT no. 204 102-114 '65

Track workers attend schools. A. N. Oshchakov. Put' i pul. khoz. 10 no. 2 27 '66

RAILROADS—EMPLOYEES—HOURS OF SERVICE

Locomotive crews on lengthened turn-around runs. K. M. Vasil'ev, P. D. Shalagin, V. P. Shalagin. Elek. i tepl. tizh. 10 no. 3, 9-10 Mr '66

RAILROADS—EQUIPMENT AND SUPPLIES

Ergonomic problems in the design and planning of installations in railroad transportation. V. O. Degliarev. Trudy MIIT no. 226, 23-31 '66

Maitskii, L. A., S. M. Ushakov, and V. I. Platy. [The tamping and ballast compacting machines (ShPM-02 and UM)] Shpatopodbirochnaya i uplotnitel'shchala mashiny (ShPM-02 i UM). Moskva, Transport, 1965. 234 p.

Useful improvements. Continuous search for improvements. P. A. Frolov. Put' i pul. khoz. 10 no. 2 28 '66

RAILROADS—FREIGHT

Increase the responsibility of organs of railway transportation for delay in transporting goods from the place of the enterprise. T. Abova. Sov. iust. 30 no. 7: 4-5 Ap '66

Liability of the railroad for the safety of freight. M. K. Aleksandrov-Dolnik. Sov. gos. i pravo 36 no. 4, 71-76 Ap '66

New provisions for freight transportation. I. Rukosuev. Sov. iust. 30 no. 6 10-12 Mr '66

Noskov, I. A., S. F. Matlasov, and V. I. Cherniaev. [Machine for breaking up frozen bulk freight] Mashina dlia rykhleniya smerzhshikhsia navalnochnykh gruzov. Moskva, Transport, 1966. 26 p. (Dostizhenia nauki i tekhniki - v proizvodstvo)

Specific indices of expenditures for peat fuel transportation on general service railroads. A. L. Lampol'skii. Torf prom. 43 no. 1, 15-19 '66

RAILROADS—FREIGHT CARS

Dynamics of bulk freight and calculation of stresses in the wall elements of cars caused by dilatation. V. I. Naumov. Trudy TSNI MPS no. 307, 151-172 '65

RAILROADS—FREIGHT CARS—DESIGN AND CONSTRUCTION

Calculating the body framework of a gondola car for natural motion. S. A. Senalorov. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 10, 17-25 '65

Calculating the body framework of a gondola car for vertical symmetric loads. S. A. Senalorov. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 10, 3-18 '65

A reason for the high degree of impairment to gondola cars made of low-alloy steel. P. S. Sokolov, V. I. Gamirov, I. V. Tarlinskii. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 10, 151-158 '65

RAILROADS—FREIGHT CARS—DYNAMICS

Studying the horizontal dynamics of multiple-axle freight cars. A. B. Survillo. Trudy TSNI MPS no. 307, 3-36 '65

Studying the possibility of reducing the horizontal dynamics of four-axle freight cars under conditions of high-speed traffic. V. V. Suchkov. Trudy TSNI MPS no. 307, 63-69 '65

RAILROADS—FREIGHT CARS—TESTING

Evaluating the load stresses due to the expansion of bulk freight under conditions of freight car transport on sea ferries. I. N. Zemlezin. Trudy TSNI MPS no. 307 178-181 '65

RAILROADS—HUMP YARDS

Algorithm for information control in automatic control systems. B. Del Rio, E. I. A. Da. Odioh. Vest. TSNI MPS 25 no. 2, 150-62 '66

Breaking up of nonuniformly loaded cuts on humps. V. V. Kuznetsov. Vest. TSNI MPS 25 no. 2, 150-53 '66

Lighting of classification yards to secure round-the-clock observation by means of television. N. G. Chesnokova. Trudy TSNI MPS no. 298 4-20 '65

Selecting the layout of track systems for the formation of multiple trains. A. E. Petunenkov. Vest. TSNI MPS 25 no. 2, 42-15 '65

RAILROADS—HUMP YARDS—EQUIPMENT AND SUPPLIES

Analysis of balancing mechanisms of car retarders. I. A. N. Garkavl. Pribl. mekh. 2 no. 3, 94-98 '66

RAILROADS—MAINTENANCE AND REPAIR

(see also subdivision under Transcaucasia)

Use of machinery remote control systems in track repair and maintenance. V. E. Nemkova. Put' i pul. khoz. 10 no. 2 19-20 '66

RAILROADS—MAKING UP TRAINS

Selecting the layout of track systems for the formation of multiple trains. A. E. Petunenkov. Vest. TSNI MPS 25 no. 2 42-45 '66

RAILROADS—MANAGEMENT

(see also subdivision under Caucasus, Northern; Kazatin, Ukraine)

Economic analysis is a powerful means in the improvement of production. I. A. Antipov. Put' i pul. khoz. 10 no. 2 1-3 '66

Relentlessly search for potentials of fuel and electric power economy and use them to the full extent. V. A. Chikunov. Elek. i tepl. tizh. 9 no. 10, 1-3 O '66

RAILROADS—PASSENGER CARS

Studying the noise structure in passenger cars at traffic speeds ranging from 130 km/h to 160 km/h. G. V. Butakov, N. P. Tager. Trudy TSNI MPS no. 298 25-33 '65

RAILROADS—PASSENGER CARS—MAINTENANCE AND REPAIR

Study and development of the methods of dust control in the maintenance and repair of passenger cars. I. S. Shashunov. Trudy TSNI MPS no. 298 97-158 '65

RAILROADS—PASSENGER TRAFFIC

Means for increasing the speed of passenger trains. F. P. Kochnev. Izv. AN SSSR Energ. i transp. no. 1, 93-98 Ja-F '66

RAILROADS—RAILS

Make better utilization of used serviceable rails. N. V. Kaporisev. Put' i pul. khoz. 10 no. 2, 5-7 '66

New designs of spring anticreep devices. S. P. Vasil'ev, V. G. Pashin, T. G. Nosova. Put' i pul. khoz. 10 no. 2, 14-15 '66

RAILROADS—RAILS—DEFECTS

Our methods of using defectoscopes. I. G. Zaporozhets. Put' i pul. khoz. 10 no. 2, 12-13 '66

Preventing rail defects. D. P. Silvest, V. A. Troit'ak. Put' i pul. khoz. 10 no. 2 9-10 '66

RAILROADS—RAILS—TESTING

Device for the automatic measurement of the amount of wavy wear of rails. N. A. Kozlov, S. M. Isaev. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 10, 144-150 '65

Effect of steel deoxidation methods on the service of rails in the track. N. I. Shirokov, A. V. Kotov. Izv. vuzov, zav. i chern. met. 9 no. 2, 48-50 '66

Improving the design of T-grooves for the rolling of R-85 rails. V. Z. Arshavskii and others. Stal' 26 no. 2, 155-159 F '66

RAILROADS—RAILS—WELDING

Improving the quality and durability of railroad rails under operational conditions. D. S. Kazarnovskii, A. N. Naumov. Stal' 26 no. 3 252-255 Mr '66

Investigating the advantageousness of heat treating the welded butt joints of railroad rails. N. A. Kozlov and others. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 10, 139-143 '65

We weld the rails in the station. A. V. Sobolev. Put' i pul. khoz. 10 no. 2 8 '66

RAILROADS—REPAIR SHOPS

Studying the noise in the hardware manufacturing shops of car repair plants. G. V. Butakov, N. V. Ilukhin. Trudy TSNI MPS no. 298, 21-24 '65

RAILROADS—ROLLING STOCK—DYNAMICS

Effect of the rated characteristics of the track on the rolling stock on the magnitude of dynamic forces in the contact between rail and wheel. V. F. Iakovlev. Sbornik LITZHT no. 233, 98-115 '61

Study of the interaction between wheel and rail during the nonlinear unilateral connections and various masses into account. V. F. Iakovlev. Sbornik LITZHT no. 233, 10-95 '64

Using the new methods of solving problems of rolling stock dynamics with electronic analog computers. A. D. Kochnev, I. M. Cherkashin. Trudy TSNI MPS no. 307 37-62 '65

RAILROADS—SAFETY MEASURES

Maitskii, V. F. [Improving the visibility of signal lights on curved track sections] Uлучsheniya vidimosti signal'nykh ognel svotoforov v krivykh uchastkakh puti. Moskva, Transport, 1966. 23 p. (Dostizhenia nauki i tekhniki v proizvodstvo)

Operating without accidents. E. L. Voloshin. Put' i pul. khoz. 10 no. 2 18 '66

Some factors of increased work hazards in railroad transportation and measures for protection against them. O. F. Gornov. Trudy MIIT no. 226 1-1 '66

RAILROADS—SIGNALING

Construction of diagrams for the calculation of the elements of track circuits. V. I. Tsygankov. Nauch. trudy OMIIT 51 33-40 '64

Design of a track circuit. M. V. Kuvshinov. Nauch. trudy OMIIT 51 41-50 '64

Effect of the fluctuation of the parameters of the elements on the operation of a resonant track circuit. V. A. Kuvshinov. Nauch. trudy OMIIT 51 51-60 '64

Measurement of the parameters of a compensated track circuit line. V. I. Sokolov. Nauch. trudy OMIIT 51 27-32 '64

Parameters of signaling cables in the audio frequency range. V. I. Sokolov, V. A. Tikhon. Nauch. trudy OMIIT 51 33-34 '64

Study of the error of a diode coincidence circuit as an element of phase measuring device. V. I. Tsygankov, V. N. Zashchko. Nauch. trudy OMIIT 51 41-50 '64

Synchronization of remote control systems from a power circuit. I. A. Tsapelev. Nauch. trudy OMIIT 51 63-70 '64

Variants of a resonant track circuit with a detector relay. M. V. Kuvshinov. Nauch. trudy OMIIT 51 51-62 '64

RAILROADS—SIGNALING—BLOCK SYSTEM

Mamonov, V. G. [Track maintenance in sections with automatic blocking and electric traction] Eksploatacia puti na uchastkakh avtoblokirovki i elektrifikatsii. Moskva, Transport, 1966. 126 p.

RAILROADS—SIGNALING—CENTRALIZED TRAFFIC CONTROL

Improvement of the control network of the peripheral program assigning system in a hump yard. A. B. Klimov, N. N. Glushchenko. Nauch. trudy OMIIT 51 71-80 '64

RAILROADS—SNOW PROTECTION AND REMOVAL

Electric and gas heating of switches. E. V. Zakhvatov. Put' i pul. khoz. 10 no. 2, 22-24 '66

Gulanov, N. N. [Snow removal machinery and mechanisms, their design, operation and repair] Snegoboi ochnye mashiny i mekhanizmy, ustroystva, ekspluatatsia i remont. Moskva, Transport, 1966. 120 p.

Using the method of slope terracing for the protection of railroads against avalanches. B. P. Bozhovoi. Sbornik LITZHT no. 233, 38-45 '64

RAILROADS—SWITCHES

Electric and gas heating of switches. E. V. Zakhvatov. Put' i pul. khoz. 10 no. 2, 22-24 '66

Fatulekii, L. A. [Determining the switch angle in laying curved tongues; synopsis of the lecture for students of the construction department of the Novosibirsk Institute of Engineers of Railroad Transportation] Opredeleniye sklonov skryvnykh i krivoinnykh ostrakakh; konspekt teksta dlia studentov stroitel'nogo fakul'teta NIITZhT. Novosibirsk, Novosibirskii inzhenerov zhel. dor. transporta, 1966. 43 p.

[MICROFILM]

Synchronization of remote control systems from a power circuit. I. A. Tsapelev. Nauch. trudy OMIIT 51 63-70 '64

RAILROADS—TELEGRAPHY

Borisov, D. V., and N. S. Sukhorukov. [Telegraph communication in railroad transportation] Telegrafnaya svyaz' na zhelezнодорожном transporte. Moskva, Transport, 1966. 435 p.

RAILROADS—TIES

Mechanism for single tie exchange. N. G. Tarashevskii, I. P. Lapunov. Put' i pul. khoz. 10 no. 2, 15-16 '66

Wooden ties. Blud. stroit. tekhn. 20 no. 1, 10 Ja '66

RAILROADS—TIES, CONCRETE

Increasing the operative capacity of enterprises. I. S. Kirichek, I. U. A. Ugodnikov. Put' i put. khoz., 10 no. 2 17-18 '66

RAILROADS—TRACK

Effect of the rated characteristics of the track elements and rolling stock on the magnitude of dynamic forces in the contact between rail and wheel. V. F. Iakovlev. Sbor. trud. LIZHT no. 233 96-145 '64.

Some problems of the dynamics of the locomotive traction reducing gear. A. I. Kairaukhov, R. B. Statnikov. Trudy MFT no. 211 71-104 '65

Study of the interaction between wheel and rail taking the nonlinear unilateral connections and variable masses into account. V. F. Iakovlev. Sbor. trud. LIZHT no. 233 10-95 '64.

Use of chemicals for the elimination of heaving. I. I. Kobrinskii, G. N. Krutkov, N. D. Pospel'volg. Put' i put. khoz., 10 no. 2 30-32 '66.

RAILROADS—TRAFFIC

Economic efficiency of directing car flows by parallel and indirect routes. A. I. Kariyamaev, S. K. Iakub. Trudy MFT no. 215 70-96 '66.

RAILROADS—TRAIN LOAD

Establishing consumption norms of fuel and electric power on the basis of the axle load of cars. M. G. Pateiuk. Elek. i tsipl. tsiaga 9 no. 10 30-32 O '65.

RAILROADS, INDUSTRIAL—DESIGN AND CONSTRUCTION

History of the development of norms and specifications for the design and planning of 1524 mm gauge tracks for industrial railroads. L. K. Fedotova. Sbor. trud. LIZHT no. 231 10-108 '65.

RAILROADS, INDUSTRIAL—EMPLOYEES see subdivision under Kriyov Neg Basin

RAILROADS, INDUSTRIAL—EQUIPMENT AND SUPPLIES

Narrow-gauge track-mounted UPS-1 plow. V. A. Grachev, N. V. Sevelov. Tsipl. prom., 43 no. 2 3-5 '66.

RAILROADS, SINGLE-RAIL

Monorail passenger transportation and prospects for its development in the U.S.S.R. O. S. Petrenko, E. A. Ratner. Izv. AN SSSR Energ. i transp. no. 1 84-92 Ja-F '65.

RAINS, IAN, pseud. see Pilekann, Janis, 1865-1929

RAKHIOV, MOUNT—AMPHIBOLITE

Some characteristics of the mineral composition and metamorphism of amphibolites from the Rakhov Crystalline Massif. L. G. Tkachuk, I. U. R. Danilovich. Min. sbor., 10 no. 1 42-48 '65.

RAMAN EFFECT

Intensity of lines of the stretching vibration of C=O bond in Raman spectra as dependent on the electro-negativity of substituents at this bond. L. V. Levchenko, I. U. A. Kushnikov. Izv. AN Kazakh. SSR, Ser. khim. nauk no. 3 52-54 Ji-S '64.

Interaction of high-frequency oscillations in a plasma with an ionic sound. V. D. Fedorchenko, V. I. Muralov, B. N. Rutkovich. Zhur. tekhn. fiz. 35 no. 11 2021-2027 N '65.

The method of simple calculations. A. V. Sechkarev, N. I. Dvorovenko. Izv. vyz. ucheb. zav., fiz. 9 no. 1 111-115 '66.

Structure and reactivity of nitrogen-containing derivatives of carbonyl compounds. Report No. 13: Raman spectra and structure of semi- and thiosemicarbazones. O. A. Raevskii, R. R. Shagidullin, I. U. P. Kitaev. Izv. AN SSSR Ser. khim. no. 2 218-222 '66.

RAMS

Radioactive isopes in the study of spermatogenesis. B. A. Zelenklova. Vest. sel'khoz. nauk 10 no. 6 30-33 Je '65.

RANDOM PROCESSES see Stochastic processes

RANGE FINDERS

Using DD-2 and DD-3 range finders in urban surveying. N. S. Mukhin. Geod. i kart. no. 2 35-39 F '66.

RANGE FINDING

Role of exterior conditions in measuring operations using D-54 and D-59 optical range finders. D. D. Kolkov. Geod. i kart. no. 2 24-30 F '66.

RARE-EARTH ALUMINATES

Phase equilibria in the system ytterbium oxide-alumina and their comparison with equilibria in other systems. L. D. Bondar', N. A. Toropov. Izv. AN SSSR, Ser. khim. no. 2 212-218 '66.

RARE-EARTH BORIDES

Chemical bonding in rare-earth hexaborides. G. V. Samsonov, I. U. B. Paderno, E. E. Vainsheln. Izv. SO AN SSSR no. 11, Ser. khim. nauk no. 3 70-84 '64.

Peculiar features of the preparation of articles from lanthanum and yttrium hexaborides by vacuum sintering. G. A. Meerzon, R. M. Manelis, T. M. Telukova. Izv. AN SSSR, Neorg. mal. 2 no. 2 201-208 F '66.

RARE-EARTH CHLORIDES

Coordination compounds of rare-earth metal chlorides with dicarboxylic acid esters. M. G. Romova, G. A. Osipov, L. K. Ionova. Zhur. neorg. khim. 11 no. 3 53-539 M '66.

Interaction of europium (III), holmium, and erbium chlorides with sodium chloride. B. G. Korshunov, D. V. Drohot. Zhur. neorg. khim. 10 no. 10 2310-2314 O '65.

RARE-EARTH COMPOUNDS

Complex formation of trivalent actinide elements and lanthanides in phosphoric acid solutions. M. S. Borisov and others. Radiokhimiya 8 no. 1 42-48 '66.

Mixed sulfosalicylate complexes of rare-earth elements. N. S. Poluchkov, V. T. Mishchenko. Zhur. neorg. khim. 10 no. 10 2275-2281 O '65.

Pi separation and some properties of rare-earth phosphides. G. V. Samsonov and others. Ukr. khim. zhur. 32 no. 2 115-118 '65.

Spectrophotometric study of ascorbic complexes. Part 5: Systems holmium - ascorbic acid and erbium - ascorbic acid. K. P. Stollárov, I. A. Amantova. Vest. LGU 21 no. 4 155-159 '66.

RARE-EARTH ELEMENTS see subdivision under Vainovyye Mountains

RARE-EARTH FLUORIDES

Complex formation of fused fluorides of rare-earth and alkali metals. G. A. Bukhalova, E. P. Babaeva. Zhur. neorg. khim. 11 no. 3 621-627 M '66.

RARE-EARTH HYDROXIDES

Formation of basic salts and lanthanum hydroxide. N. N. Mironov. Zhur. neorg. khim. 11 no. 3 458-463 M '66.

RARE-EARTH METAL ALLOYS

Pi separation of rare-earth metal powders and obtaining their alloys by the method of charge sintering. D. P. Frankovich. Porosh. met. 6 no. 2 10-11 F '66.

RARE-EARTH METALS

(see also subdivision under Georgia, Kola Peninsula) Crystalline structure of the compounds HoAl₃ and DyAl₃. I. I. Zolotarev, P. I. Kipriakovich. Izv. AN SSSR Neorg. mal. 2 no. 2 264-268 F '66.

Distribution of rare-earth metals and yttrium in the crystallization of zinc from molten lead. A. P. Balanov, S. F. Gorskala, V. V. Serbryankov. Zhur. prikl. khim. 39 no. 2 447-448 F '66.

Rate of beryllium vaporization during the dissociation of cerium beryllide. V. M. Aronov and others. Lv. AN SSSR, Met. no. 1 100-102 Ja-F '66.

Solubility of hydroxides of some lanthanides in caustic soda solutions. B. N. Ivanov-Zemin and others. Zhur. neorg. khim. 11 no. 3 475-477 M '66.

Vapor pressure of the rare-earth metals scandium and yttrium. A. A. Kruglykh, V. S. Pavlov. Lv. AN SSSR, Met. no. 1 178-180 Ja-F '66.

RARE-EARTH SALTS

Formation of basic salts and lanthanum hydroxide. N. N. Mironov. Zhur. neorg. khim. 11 no. 3 458-463 M '66.

RARE EARTHS

Use of substances containing rare earth ions with an even number of electrons in producing extremely low temperatures. S. A. Al'shuler. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 4 177-180 F '66.

RARE EARTHS—ANALYSIS

Comparison of reagents for the direct photometric determination of rare-earth elements on chromatograms. A. K. Babko, M. E. Vodenko. Ukr. khim. zhur. 32 no. 2 200-212 '66.

Comparison of the methods of paper chromatography and emission spectroscopy for determining rare-earth elements and their mixture. G. D. Bliseva, O. A. Kul'skaya. Ukr. khim. zhur. 32 no. 2 220-221 '66.

RAREFIED GAS DYNAMICS

Leningrad. Universitet. Institut matematiki i mekhaniki. [Aerodynamics of rarefied gases] Aerodinamika razrezhennykh gazov. [Leningrad] Izd-vo Leningr. univ., 1963.

Vol. 2. S. V. Vallander, ed. 1 v. (NIP)

Solution of the dispersion equation for a linearized Boltzmann equation in the kinetic theory of rarefied gases. A. A. Arsen'ev. Zhur. vych. mat. i mat. fiz. 6 no. 2 375-380 M-Ap '66.

RASHIDOV, SHARAF, 1917-

Mighty wave. M. Grigor'ev. Oktabr' 42 no. 4 184-186 Ap '66.

RASSKAZOVO DISTRICT—PRODUCE TRADE

The country will get lots of agricultural products. E. Pitalov. Zakup. sel'khoz. prod. no. 6 12-13 Je '66.

RATE OF CHEMICAL REACTION see Chemical reaction, Rate of

RATS—PARASITES see Parasites—Rats

RAUWOLFIA—ANALYSIS

Quantitative determination of reserpine in the roots. Rauwolfia vomitoria. M. I. A. Tsarenko, M. S. Shal'karmatsev. Zhur. 30 no. 1 13-17 '65.

RAW MATERIALS

Raw material commodities. BIKI [Plozh.] no. 2 136 Ap '66.

RAYCHIKOVSK BASIN—COAL MINES AND MINING-EQUIPMENT AND SUPPLIES

Improving a without-hauling mining method at the Raychik lignite deposits. A. P. Grudnev. Ugol' 41 no. 21-23 F '66.

RAYON

Production of viscose fibers by means of the metal wire processing method. S. L. Talmud, M. S. Dolzhikova. Trudy LTITSBP no. 10 221-226 '65.

RAYON—TESTING

Comparison testing of fabrics made from acetate and viscous fibers. I. S. Morozovskaya, L. S. Shmeleva, K. P. Khnykina. Izv. vyz. ucheb. zav., tekhn. leg. prod. no. 1 26-32 '66.

Effect of the conditions of repeated stretching of acetate on its fatigue characteristics. B. I. Khalmitskiy. Tekst. prom. 20 no. 3 63-65 M '66.

RAYS (FISHES) see subdivision under Tonkin, Gulf of

RAZUVAEV, GRIGORI ALEKSEEVICH, 1895-

Grigori Alekseevich Razuvayev on his seventieth birthday and fortieth anniversary of his educational activity. O. Dekop, N. A. Maier. Zhur. ob. khim. 36 no. 2 1 F '66.

READING

The artist, the poetry, and the time. Mikhail Zhavot'skiy. Teatr 27 no. 2 31-35 F '66.

Human word. Suren Kocharian. Teatr 27 no. 2 36 F '66.

Strakevich, M. M. [Work on expressive reading during the study of Russian; grades 5-8] Rabota na vysshem etape izucheniya pri izuchenii russkogo yazyka. V-VIII klassy. Pod red. A. V. Tekucheva. Moskva: Prosveshcheniye, 1964. 118 p. (Pedagogicheskaya biblioteka uchitel'ov) (NIC)

READING (ELEMENTARY)

Additional texts in explanatory reading classes. V. Goretskii. Nach. shkola 34 no. 3 16-20 M '66.

REAL EVIDENCE see Evidence, Real

REALGAR see subdivision under Altai Mountains

REALISM IN LITERATURE

Place of Chekhov in the history of Russian realism. I. P. Vidukhskaya. Izv. AN SSSR, Ser. lit. i iz. 25 no. 1 31-42 Ja-F '66.

REALITY

Dialectic elements in the categories of possibility and reality. N. P. Vasil'ev. Moshvuz filoz. sbor. Kiev, 4 68-85 '64.

REAMERS

Special hard-alloyreamers for machining holes in cast iron parts. V. N. Bakul' and others. Mashinostroenie no. 3 18 M '66.

REARRANGEMENTS (CHEMISTRY)

Kinetics of heterolytic rearrangement of cumyl peroxide and some of its derivatives. N. V. Iablokova, I. A. Blokov, V. A. Shushunov. Khim. i tekhn. 7 no. 1 165-170 Ja-F '66.

Mechanism of acyl rearrangement in the reaction of acrylate with 2,3-dibromo-1-propanol esters. C. D. Syrovatka and others. Dokl. AN SSSR 166 no. 5 1143-1145 F '66.

Phenyl selenochloride in the Arbuzov rearrangement. E. G. Kataev, T. G. Mannafov. Zhur. ob. khim. 36 no. 2 254-257 F '66.

Transformations of pinacones with substituted acetyl radicals. Part 24: Synthesis and transformations of 2,6,8-trimethyl-3-p-tolyl-4-heptyne-2,3-diol. V. S. Kovaleva, L. A. Pavlova, E. D. Venus-Danilova. Zhur. ob. khim. 36 no. 2 206-210 F '66.

REBATES

Piece determination and trade discounts. Sh. Turek. Sov. toig 39 no. 3 5-10 M '66.

The retail trade should have a normal profit. Sov. toig 39 no. 4 24-26 Ap '66.

RECEIVING STOLEN GOODS

Liability for receiving not volunteered before the fact. G. I. Balmurzin. Sov. gos. i pravo 36 no. 3 120-123 F '66.

RECEPTORS (NEUROLOGY)

Change in sugar content of the blood as affected by the action of glucose on the receptors of the oral cavity, and small intestines. L.G. Melnikova. Dokl. AN SSSR 10 no. 1:55-56 Ja '66.

Effect of direct current on individual mechanoreceptors. O.B. Il'inski, G.V. Afonov. Dokl. AN SSSR 166 no. 3 1243-1245 F '66.

Effect of the excitation of urinary bladder receptors on the utilization of blood sugar by kidney tissues. A.I. Kharas, M.I. Safarov. Izv. AN Azerb. SSR, Ser. biol. nauk no. 3:97-101 '65.

Responses of solitary mechanoreceptors to the onset and cessation of stimuli. O.B. Il'inski. Fiziol. zhur. 52 no. 1:99-107 Ja '66.

Role of osteoreception in the regulation of rational blood circulation in experimental and clinical practices. P. Ozolina, G.A. L'nikovskii. Vest. AMN SSSR 21 no. 4:49-51 '66.

RECIDIVISTS

Cumulation of sentences or offenses? V. Demin. Sov. iust. 30 no. 6:9-10 Mr '66.

Imposition of cumulative punishment if the sentence is to corrective labor. V. Mikhalov. Sov. iust. 30 no. 7 12-13 Ap '66.

Imposition of punishment upon recidivists and the way it is carried out. A.M. L'nikov. Sov. gos. i pravo no. 9:89-94 S '69.

Judicial practice in the struggle against recidivism. P. Tsyprenko. Rad. pravo 29 no. 3:30-33 Mr '66.

Prevent recidivism. I. Sumarov. Sov. iust. 30 no. 5:19-20 Mr '66.

Supervisory committees and the prevention of recidivism. V. Elconskii. Sov. iust. 30 no. 7:16-17 Ap '66.

RECLAMATION OF LAND

(see also subdivision under Siberia; Ural Mountain region)

Characteristics of the improvement of lands oversaturated with water in the non-Chernozem zone of the U.S.S.R. N.I. Smirnov. Gidrol. mel. 18 no. 3:1-15 Mr '66.

Efficiency of land improvement measures. V. Papov. Ekonom. khoz. 41 no. 3:102-108 Mr '66.

Prospects for the development of land improvement work in the non-Chernozem zone. E.E. Alekseevskii. Vest. sel'khoz. nauki 11 no. 3:10-13 Mr '66.

RECORDING AND REGISTRATION

Here is my diary. P. Lebedev. Sov. profsoyuzy 22 no. 4:20 F '66.

RECORDING INSTRUMENTS

Experience in the operation of DS (DSR) and MS (MSR) instruments and other types of devices in the Zimievsk State Regional Electric Power Plant. M.P. Vlasenko. Energetik 14 no. 3:24-25 Mr '66.

Gauzner, S.I., S.S. Mikhailovskii, and V.V. Orlov. [Recording devices in automatic weighing processes]. Registrirushchie ustroystva v avtomaticheskikh protsessakh vveshivaniia. Moskva, Mashinostroenie, 1966. 130 p.

Use of induction transducers in sets with an electron potentiometer. V.A. Pakulin. Bum. prom. no. 3:25 Mr '66.

RECORDS

Some organizational problems of keeping the documentary materials. A.F. Demekhin. Vop. arkh. 9 no. 4:81-82 Q-X '64.

RECRUITING OF EMPLOYEES

Acceptance to work. V. Koiotkov. Sov. profsoyuzy 22 no. 3:41-43 F '66.

RECTUM—CANCER

Anatomical substantiation of lymphogenic metastasizing of cancer of the rectum. E.N. Oleneva. Vop. onk. 12 no. 3:32-36 '66.

Characteristics of the clinical course of plasmocellular cancer of the rectum. E.S. Smirnova, L.V. Iagunova. Vop. onk. 13 no. 3:78-82 '66.

Use of lymphography in preoperative detection of metastases in cancer of the rectum. S.N. Fain, B.I.A. Luk'ianchenko, Khirurgia 42 no. 3:89-92 Mr '66.

RECTUM—DISEASES

Use of metacel in treating radiation rectitis. Emil Slol. Vop. onk. 12 no. 2:34-37 '66.

RECTUM—RUPTURE

Rupture of the rectum with a prolapse of the loop of the small intestine through the anus. A.L. Raiz. Khirurgia 42 no. 3:138-139 Mr '66.

RED CLOVER

Uptake of labeled phosphorus by the flower of the red clover under various conditions of its nutrition and pollination. E.E. Getko. Dokl. Akad. sel'khoz. nauk no. 2:18-21 F '66.

RED CLOVER—FERTILIZERS AND MANURES see subdivision under Lori Plateau

RED SPIDER—EXTERMINATION

Effect of the methods of cultivation practices on decreasing the susceptibility of cotton to the spider mite. R.N. Anisimov. Shor. nauch. trudy Nauch.-issl. inst. 71 no. 2:165-170 '61.

REDUCING AGENTS

Effect of alloying elements on the deoxidizing properties of carbon in nickel in vacuum. K.A. Matsarin, S.V. Krasikovskii, F.P. Edemal. Izv. vuz. ucheb. zav. i chern. met. 0 no. 3:68-72 '66.

Simultaneous deoxidizing action of carbon and manganese. A.G. Frolov and others. Izv. vuz. ucheb. zav. i chern. met. 9 no. 3:73-78 '66.

REDUCTION, CHEMICAL

Characteristics of the reduction of sulfates by solid and gaseous reducing agents. V.V. Pechkovskii, A.N. Ketov. Shor. nauch. trudy Perm. politekh. inst. no. 10:3-32 '61.

Reducing roast of lumpy barite and flotation barite concentrates. A.F. Loshkin, V.V. Pechkovskii, N.L. Subocheva. Shor. nauch. trudy Perm. politekh. inst. no. 10:57-63 '61.

Reduction of nitrobenzene and o-nitrophenol on a palladium/polyethylene terephthalate catalyst. D.V. Sokol'skii, S.F. Lankin, O.A. Turenkova. Zhur. fiz. khim. 40 no. 3:732-737 Mr '66.

Reduction of sodium sulfate by the products of crude oil pyrolysis. V.T. Kunin, V.A. Nikitin, I.P. Khlilov. Izv. vuz. ucheb. zav. i khim. i khim. tekhn. 8 no. 6:971-978 '65.

Spectrophotometric study of the reduction of molybdenum(VI) by a cadmium amalgam. E.F. Speianakala, V.C. Mertsalova. Izv. vuz. ucheb. zav. i khim. i khim. tekhn. 8 no. 6:893-897 '65.

Thermodynamic analysis of reactions involved in the hydrogen reduction of the sulfates of barium, calcium, magnesium, zinc, manganese, iron. S.A. Amirova, V.V. Pechkovskii, A.N. Ketov. Shor. nauch. trudy Perm. politekh. inst. no. 10:33-51 '61.

REDUCTION, CHEMICAL—MATHEMATICAL MODELS

Mathematical models in studying the reduction of lead oxide by carbon monoxide. A.A. Ashimov and others. Vest. AN Kazakh. SSR 22 no. 2:33-39 F '66.

REDUCTION, ELECTROLYTIC

Cathodic evolution of hydrogen in the presence of dissolved reducing agents. V.S. Danilov-Bek, G.V. Vitvitskaya. Elektrokhiimiia 2 no. 3:303-310 Mr '66.

Cathodic reduction of oxygen in molten carbonates. Part 2: Effect of the composition of electrolyte, process temperature, and nature of electrode material on the electroreduction of oxygen in carbonate melts. A.V. Silakov, G.S. Tsurikov, N.P. Vasilev. Elektrokhiimiia 2 no. 2:205-208 F '66.

Effect of a positive cathodic film in the reduction of chromic acid on the current efficiency of the metal. V.A. Kazakov, A.T. Vagranian. Elektrokhiimiia 2 no. 2:256-261 F '66.

Effect of foreign anions on the kinetics of incomplete reduction of chromic acid. V.A. Kazakov, A.T. Vagranian. Elektrokhiimiia 2 no. 2:189-192 F '66.

Electrochemical reduction of furazans and furaxans. E.S. Levin, Z.I. Fodiman, Z.V. Todrea. Elektrokhiimiia 2 no. 2:175-183 F '66.

Kinetics of the electrochemical reduction of divalent copper chloride in pyridine within 15-150°C temperature range. I.U. G. Bochkov, S.V. Gorbachev. Zhur. fiz. khim. 40 no. 3:729-732 Mr '66.

Mechanism of the cathodic reduction of cupric oxide. Part 3: Effect of temperature on the cathodic polarization of copper oxide electrode in a solution of Na₂SO₄. V.P. Galushko, E.F. Zaygorodnina, I.U. P. Rodak. Ukr. khim. zhur. 32 no. 1:24-28 '66.

Reaction of ketene with nitrogen-containing bases. Part 22: Effect of the benzene ring substituents on the electroreduction of 2-chloroacetanilides. I.U. V. Svetkin, L.N. Andreeva. Zhur. ob. khim. 36 no. 3:421-423 Mr '66.

Role of adsorption in the electrochemical reduction of bromoacetic and α-bromobutyric acid esters on mercury. A.B. Ershler and others. Elektrokhiimiia 2 no. 3:319-328 Mr '66.

Temperature effect on the reduction potentials of certain metal ions on a gallium electrode. I.G. Vasil'eva, A.I. Zhebreva. Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no. 3:33-38 Ji-S '64.

REDUVIDAE

Structure of the female sex apparatus of the triatomid bugs *Rhodnius prolixus* and *Triatoma infestans* and the determination of their physiological age. V.N. Denilov. Med. paraz. i paraz. bol. 35 no. 2:223-230 Mr-Apr '66.

REFERENCE BOOKS

What kind of bibliography you youth needs? N. Akilova. Bibliotekar' 43 no. 3:48-49 Mr '66.

REFLECTING TELESCOPE see Telescope, Reflecting

REFLECTION (OPTICS)

Calculating reflected light. B.T. Etagin. Izv. vuz. ucheb. zav. i stroit. i arkhit. 9 no. 1:150-155 '66.

REFLEXES

Electrical reactions of the spinal cord in frogs following exclusion of the spinal reflexogenic zone. Z.S. Donikova. Biol. eksp. biol. i med. 61 no. 1:13-17 Ja '66.

Characteristics of the reactions of the cardiovascular system following removal of the lung. N.N. Gorov, L.P. Cherkasnik. Vest. AMN SSSR 21 no. 4:66-72 '66.

Effect of cocaine and phenamine on static reflexes following the extirpation of the forebrain. M.I. Nikiforov. Farm. i toks. 27 no. 6:654-656 N-D '61.

Effect of difentanil on the various types of central inhibition of the knee jerk reflex. T.B. Arushanlian, E.A. Belskertsav. Farm. i toks. 29 no. 1:12-17 Ja-F '66.

Effect of ganglione on reflexes from various receptor zones and coronary blood circulation. S.A. Miroslan, E.S. Gubikhan. Farm. i toks. 29 no. 1:17-21 Ja-F '66.

Effect of sodium salt of γ-hydroxybutyric acid on the inhibition of the knee reflex. N.A. Kiraglov, H.E. Kvanod. Biol. eksp. biol. i med. 61 no. 1:56-58 Ja '66.

Effect of the section of the dorsal root on mono- and polysynaptic reflexes of the spinal cord. L.A. Savos'kina. Fiziol. zhur. 52 no. 1:10-15 Ja '66.

Hemodynamic mechanisms of the development and adaptation of the pressure sinusoid reflex. V.V. Bistunov. Fiziol. zhur. [Ukr.] 12 no. 1:80-93 Ja-F '66.

Interconnection of reflexes in the normal rabbit heart. N.M. Shatovskaya. Biol. eksp. biol. i med. 61 no. 1:75-78 Ja '66.

Role of the control points of the antidromic reflex termination (stimulation) in the diagnosis of various forms of acute appendicitis. N.M. Novuzov. Azerb. med. zhur. 41 no. 12:25-34 D '64.

REFLEXES—CONGRESSES

Reflexes. [Congress]. [Ukr.] 12 no. 1:80-93 Ja-F '66.

Centenary of the Publication of I.M. Sechenov's work, "Brain reflexes", December 16-18, 1903 [Tezisy dokladov, 16-18 dek. 1903 g. Odessa, Odesskii gos. univ. im. I.I. Mechnikova, 1903. 260 p. (ICRL)]

REFORESTATION

(see also subdivision under Caucasus, Northern, Transcaucasia)

Effect of the size of the planting sites and the spacing of acorns on the survival and growth of spot-seeded oak in cuttings. P.N. Aleutov. Trudy SKLOS no. 6:83-88 '64.

REFRACTION, DOUBLE

Effect of kinetic rigidity of macromolecules on the extinction angle and magnitude of flow birefringence. Chai. dumbell model. I.U. I.A. Gotlib, I.U. I.A. Svetlov. Vysokom. sood. 8 no. 2:317-321 F '66.

REFRACTOMETRY

New method of analytical production control. P.N. Gorov, A.G. Vasil'eva, I.U. G. Urova. Koka. i khim. no. 2:40-49 '66.

Refractometric studies of natural and synthetic quartz. V.B. Tatarskii, V.F. Chernyushina. Zap. Vses. min. obva 95 no. 1:63-70 '66.

REFRACTORIES INDUSTRY

To greet the 23d Party Congress. Ogneupory 31 no. 3:1-4 '66.

REFRACTORIES INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Ukraina)

Calculating the optimum number of pressure stages for an accumulator pump drive of a hydraulic press. V.L. Vorotkovskii, A.F. Gorodkov. Ogneupory 31 no. 2:26-31 '66.

REFRACTORIES INDUSTRY—PRODUCTION STANDARDS

Getting ready to give the 23d Party Congress a proper greeting. Ogneupory 31 no. 2:1-4 '66.

REFRACTORY CONCRETE, EFFECT OF RADIATION ON

Radiation resistance of chromite concrete made with portland cement. A.N. Vorob'ev and others. Bet. i zhel.-bet. 12 no. 2:11-13 F '66.

REFRACTORY MATERIALS

Effect of the method of vibration grinding of alumina on the properties of the slip, fusion, and hardening during the sintering of castings and the properties of corundum products. I.S. Kalnarskii and others. Ogneupory 31 no. 2:45-51 '66.

Gas infrared radiators with porous refractory plates. V.F. Znamenskii, N.V. Loozovot. Loh. prom. no. 1:49-52 Ja-F '66.

Highly aluminous low-fired refractories. L.A. Tsitsilin, T.E. Sudarkina. Ogneupory 31 no. 3:31-34 '66.

Highly refractory unfired products with a magnesium phosphate bonding. N.D. Nazarenko and others. Ogneupory 31 no. 3:50-61 '66.

REFRACTORY MATERIALS (Continued)

Magnesium reduction from linings and its effect on certain macrodefects in steel. V. I. Zhalybin, G. S. Elshov. *Izv. vyz. ucheb. zav., Chern. mel.* 9 no. 2:63-68 '66.

New fireproof materials for handling zinc handling equipment. G. A. Iasinskaya, S. F. Kagan. *Lukovsk. mat. i kh. paln.* no. 1:73-74 '66.

Obtaining refractory materials with an aluminum-magnesium binding by the hydrothermal method. E. I. Ved', E. F. Zharov. *Ogneupory* 31 no. 2:52-55 '66.

Operational properties of electrofused baddeleyite-cordum refractories. L. L. Chernina, G. N. Khollina. *Stek. ker.* 23 no. 3:10-13 Mr '66.

Preheating the packing layer prior to sintering. A. G. Kostornov, *Porosh. mel.* 8 no. 1:72-75 Ja '66.

Reduction of the carbon content in electrofused refractories. L. I. Chernina and others. *Ogneupory* 31 no. 3:48-51 '66.

Reduction of the magnesium of a lining during the smelting of steel alloyed with aluminum. V. I. Zhalybin, G. S. Erebov. *Izv. AN SSSR, Met.* no. 1:49-53 Ja-F '66.

Repairing the refractory lining of an open-hearth furnace with a cement gun. V. A. Lazovskii, N. D. Nikiforov, A. A. Zabolotnyi. *Ogneupory* 31 no. 2:35-36 '66.

Setting of long thin-walled castings and tubes made of pure oxides in kilns for firing. I. P. Usatkov. *Ogneupory* 31 no. 2:20-21 '66.

REFRACTORY MATERIALS—ANALYSIS

Determining the content of elementary Si and SiO₂ during their simultaneous presence. K. K. Kolobova, V. S. Yakovleva. *Ogneupory* 31 no. 2:56-58 '66.

Periclase spinel products made of magnesite powder with a high alumina content. V. A. Bron and others. *Ogneupory* 31 no. 2:11-15 '66.

Rapid determination of calcium oxide in magnesite products and powders. N. A. Grishchenko. *Ogneupory* 31 no. 2:60-61 '66.

REFRACTORY MATERIALS—CONGRESSES

Work of the 20th International Congress on Theoretical and Applied Chemistry (IRAS) in the field of spinels and spinellides. P. P. Babinikov, P. G. Kerbe. *Ogneupory* 31 no. 2:61-62 '66.

REFRACTORY MATERIALS—COOLING

Modern Russian-made, grate-type coolers. V. N. Llanin, V. I. Shumakov. *Ogneupory* 31 no. 3:17-21 '66.

REFRACTORY MATERIALS—CRUSHING AND GRINDING

Centrifugal crusher mill and its use for grinding grog and magnesite powder. V. V. Tovarov and others. *Ogneupory* 31 no. 3:26-30 '66.

REFRACTORY MATERIALS—QUALITY CONTROL

Development and use of the sound method for the quality control of refractory materials. M. N. Bluvshlein and others. *Ogneupory* 31 no. 3:3-12 '66.

Effect of conditions and the method of pressing on the quality of the product. V. M. Iam and others. *Ogneupory* 31 no. 3:24-25 '66.

REFRACTORY MATERIALS—STANDARDS

Standardization and quality of refractories. A. G. Marania. *Ogneupory* 31 no. 2:6-10 '66.

REFRACTORY MATERIALS—TESTING

Action of molten ferrous slags on spineloid-periclase refractories. I. A. V. Kluchnikov, S. A. Suvorov. *Ogneupory* 31 no. 3:34-42 '66.

Effect of the gaseous atmosphere on chemical reactions and polymorphic transformations in the system zirconium dioxide - cerium oxide. A. I. Leonov, E. K. Keler, A. B. Andreeva. *Ogneupory* 31 no. 3:42-48 '66.

Investigating the disintegration of a blast furnace hearth bottom. Report No. 3. G. P. Ivanov, I. A. Verbitskii. *Izv. vyz. ucheb. zav., Chern. mel.* 9 no. 3:27-32 '66.

Rapid method of determining losses during the heating of lightweight bulches. I. G. Shakhmovich, V. V. Prizhachenko. *Ogneupory* 31 no. 2:59-60 '66.

Testing refractory lining materials in an aluminum subchloride. V. M. Tkachenko, N. S. Mikhailov. *Ogneupory* 31 no. 3:56-58 '66.

REFRACTORY MATERIALS—TRANSPORTATION

Delivering refractories to the building site. B. G. Driapachenko, I. M. Tsiurilnikov. *Ogneupory* 31 no. 3:22-23 '66.

REFRIGERATED MOTORTRUCKS

Transportation of refrigerated meat. T. S. Suntsevo. *Veterinarnia* 42 no. 1:96-97 Ja '66.

REFRIGERATION AND REFRIGERATING MACHINERY (see also subdivision under Cherkovskiy, Moscow; Russia, Southern)

Back pressure valves with a damping device. A. G. Rozenberg, L. N. Tikhomirova. *Khol. tekhn.* 43 no. 2:22-25 F '66.

Effect of the gap between piston and cylinder on the characteristics of a hermetic compressor. I. A. El'kin. *Khol. tekhn.* 43 no. 2:8-10 F '66.

Important event in the life of the party and people. *Khol. tekhn.* 43 no. 3:1-3 Mr '66.

Lebedev, P. D. [Heat exchangers, drying apparatus and refrigerating plants] *Teplotobremnye, ushli'nye i khodil'nye ustroystva* Moskva, Energiya, 1966 287 p.

Rubnikov, L. D. [Manufacture and assembly of the piping systems and cooling devices of refrigerating plants] *Izgotovlenie i montazh truboprovodov i okhlazhdaushchikh priborov khodil'nykh ustanoek.* Moskva, Pishchevala promyshlennost', 1966. 220 p. Selecting the optimum degree of internal compression of a screw-type refrigerator compressor. N. N. Koskin, A. K. Stukalenko. *Khol. tekhn.* 43 no. 3:27-30 Mr '66.

REFRIGERATION AND REFRIGERATING MACHINERY—ABSTRACTS

[Chemical and refrigeration machinery manufacture] Ref. zhur. *Khim. i khol. mashinost.* no. 2 F '66.

REFRIGERATION AND REFRIGERATING MACHINERY—DESIGN AND CONSTRUCTION

Is it possible to channel to other apparatus flows discharged from refrigerating units through safety valves? V. D. Vainshtein. *Khol. tekhn.* 43 no. 3:49-50 Mr '66.

REFRIGERATION AND REFRIGERATING MACHINERY—LUBRICATION

Water solubility in type KhF-12 lubricants. L. Sh. Malkin, S. L. Zhukobitskii, V. I. Kazinets. *Khol. tekhn.* 43 no. 3:30-32 Mr '66.

REFRIGERATION AND REFRIGERATING MACHINERY—PARTS

Methodology and results of the study of the wear of materials for the bearings of hermetic refrigerator compressors. L. G. Mel'nichenko, P. I. Tushkov, E. D. Krivshin. *Khol. tekhn.* 43 no. 2:10-18 F '66.

REFRIGERATION AND REFRIGERATING MACHINERY—RESEARCH

Work of the Scientific Research Institute of the Refrigeration Industry of the U.S.S.R. during 1965. Sh. N. Kobulashvili, D. G. Rutov. *Khol. tekhn.* 43 no. 2:1-3 F '66.

REFRIGERATION AND REFRIGERATING MACHINERY—TESTING

Characteristics of a large lithium-bromide system refrigeration plant. L. M. Rozenfeld and others. *Khol. tekhn.* 43 no. 3:10-23 Mr '66.

REFRIGERATOR SHIPS

Selecting optimum carrying capacity and speed for refrigerator trawlers. S. I. Logachev. *Ryb. khoz.* 40 no. 8:47-49 '64.

REFRIGERATORS

New "Mistral" home refrigerator. I. P. Modov, M. I. Perel'berg. *Khol. tekhn.* 43 no. 3:17-19 Mr '66.

REFUGEES, BULGARIAN

A page of fraternal friendship; Bulgarian political refugees in the U.S.S.R. P. S. Soklan'. *Ukr. ist. zhur.* 10 no. 2:110-111 F '66.

REGENERATION (BIOLOGY)

Effect of hypothermia on the regeneration of peripheral nerves: experimental study. A. R. Vnislakii. *Klin. khir.* no. 6:41-43 '66.

Effect of infection on bone regeneration and formation of the amputation stump: experimental study. N. G. V'vunyshev. *Klin. khir.* no. 6:44-47 '66.

Mechanism of the restitution of the regenerative capacity suppressed by X-ray irradiation. L. V. Polchayev. *Izv. AN SSSR, Ser. biol.* no. 2:254-265 Mr-Apr '66.

Quantitative study of proliferating normal and tumoral liver cells of rats and mice. Report No. 1. Cytophotometric study of reorganization of cell metabolism in living isolated cells of the regenerating liver of a rat. V. M. Bresler and others. *Tsitologiya* 8 no. 1:60-69 Ja-F '66.

Regeneration of macronucleus in *Paramecium caudatum*. D. V. Osipov. *Tsitologiya* 8 no. 1:108-110 Ja-F '66.

Reutilization of labeled DNA by the cells of a regenerating adrenal gland. M. I. Nekhilidova. *Bul. eksp. mol. i med. biol.* no. 1:73-76 Ja '66.

Role of neurocellular elements of the urinary bladder in the regeneration of its function. F. B. Khaiman. *Dokl. AN SSSR* 10 no. 2:131-134 F '66.

REGIONALISM (INTERNATIONAL ORGANIZATION)

Tuzmukhamedov, R. A. [Organization of African Unity] *Organizatsiya afrikanskogo endinstva.* Moskva, IMO, 1965. 180 p.

REHABILITATION OF JUVENILE DELINQUENTS

Application of coercive measures of an educational character to juvenile delinquents in capitalist countries. E. B. Mel'nikova. *Sov. gos. i pravo* 36 no. 2:118-125 Ap '66.

Problem of the elimination of juvenile delinquency. V. Slavyay, N. Dikusa. *Rad. pravo* 29 no. 3:63-65 Mr '66.

The words of Alla Tsyganova. Z. Akhmedova. *Agitator* 33 no. 5:51-53 Mr '66.

REINDEER—PARASITES see Parasites—Reindeer

REINFORCED CONCRETE

New types of intermediate reinforced concrete supports for 330 kV electric power transmission lines. V. N. Vishniakov, V. A. Fink, G. N. Elenbogen. *Energ. strol.* no. 5:65-71 '65.

REINFORCED CONCRETE CONSTRUCTION

Arch-drawing elements of keramzit reinforced concrete. K. D. Kuzmanov. *Bez. i zhel.-bet.* 11 no. 3:32-36 Mr '65.

Automatic device for determining the end of the vibration at compaction of reinforced concrete items. B. A. Petovetzerov, Z. Abblasov. *Trudy VZEL* no. 20 1:11-121 '65.

Calculating reinforced concrete elements according to the formation of cracks in inclined sections. G. M. Vlasov. *Izv. vyz. ucheb. zav., strol. i arkh.* 8 no. 1:12-17 '66.

Calculating the bearing capacity of the walls of asymmetrical reinforced concrete bunkers. L. P. Zhakhin, G. P. Ivanov. *Strol. mekh. i rasch. soor.* 8 no. 1:19-24 '66.

Calculating the three-dimensional performance of the reinforced concrete frame of a multistory building. A. F. Gurskii. *Trudy TSNIIProzrskaniya* no. 1:69-99 '64.

Experimental studies of the performance of an asymmetrical reinforced concrete bunker. G. P. Ivanov. *Izv. vyz. ucheb. zav., strol. i arkh.* 9 no. 1:18-23 '66.

Industrial testing of lightweight lining of vertical workings. G. I. Kravchenko and others. *Shakht. strol.* 10 no. 2:4-7 F '66.

Rock pressure and the use of five-section collapsible precast reinforced-concrete supports. I. G. Koskov. *Goi. zhur.* no. 3:72-73 Mr '66.

Study of glued and dry joints of precast reinforced concrete elements under building yard conditions. N. M. Kolokolov and others. *Bez. i zhel.-bet.* 12 no. 2:4-9 F '66.

REINFORCED CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS

Glass plastics as a protective layer for reinforced-concrete structures. V. Z. Iurchenko. *Shakht. strol.* 10 no. 3:14-18 Mr '66.

REINFORCED CONCRETE CONSTRUCTION—FORMWORK

Rachovskii, D. M. [Forms for the manufacture of reinforced-concrete products and elements] *Formy dlia proizvodstva zhelezobetonnykh detalей i konstruktsii.* Moskva, Strolizdat, 1966. 102 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for erecting reinforced-concrete structures in sliding forms] *Ukazaniya po vozvedeniyu zhelezobetonnykh sooruzhenii v skozhnykh opalubke* (SN 307-65). Moskva, Strolizdat, 1965. 62 p.

REINFORCED CONCRETE PRODUCTS

Drive of centrifugal machines used in the production of reinforced-concrete pipes. I. P. Egorov. *Strol. i dor. mash.* 10 no. 11:7-8 N '65.

The KZB-82 unit for molding reinforced-concrete pipes. N. F. Morozov, S. I. Kuznetsov. *Strol. i dor. mash.* 10 no. 11:5-7 N '65.

Molding methods and variations in the sizes of reinforced concrete products. I. A. I. Kaponaki, A. A. Lubin. *Bez. i zhel.-bet.* 11 no. 3:26-28 Mr '66.

Preparing additional products at enterprises producing lime bricks. M. A. Uyskii. *Strol. i dor. mash.* 12 no. 3:22-23 Mr '66.

Reinforced-concrete plates of circular shears. M. M. Bol'shakov, V. A. Gudima, M. M. Kovalenko. *Vest. mashinost.* 46 no. 3:40-41 Mr '66.

REINFORCED CONCRETE PRODUCTS—CATALOGS

Catalogs of reinforced concrete elements for industrial buildings and structures. *Bul. strol. i tekhn.* 20 no. 1:22-26 Ja '66.

REINFORCED CONCRETE PRODUCTS—TESTING

Iakubovskii, B. V., N. N. Ermolaev, and D. V. Akridin. [Testing reinforced-concrete elements and structures] *Ispytaniya zhelezobetonnykh konstruktsii i sooruzhenii.* Pod red. B. V. Iakubovskogo. Moskva, Vysshnaya shkola, 1965. 276 p.

REINFORCED PLASTICS

Measuring static strength of soft fiber-reinforced plastics based on one and two components. E. S. Umanskii. *Pril. mekh.* 2 no. 3:111-118 '66.

REINFORCED PLASTICS—THERMAL PROPERTIES

Thermal stresses in reinforced plastics. G. G. Nosov. *Sbor. trud. MVTU* no. 4:55-64 '64.

REINFORCEMENT IN CONCRETE see Concrete reinforcement

REINFORCING BARS—WELDING

Chemical heterogeneity of a weld zone in the butt welding of reinforcing steel. G. Z. Koval'chuk and others. Svar. prozv. no. 3 8-10 Mr '66.
Welding of hardened St. 5 and 35GS steel. A. S. Astaf'ev, E. P. Mantsev. Svar. prozv. no. 4:5-8 Ap '66.

REINSTATEMENT OF EMPLOYEES see Employees, Reinstatement of

RELAPSING FEVER

Characteristics of the course of recurrent typhus fever. N. Z. Mednikova. Trudy Kish. gos. med. inst. 14 305-308 '66.

RELATIVITY (PHYSICS)

Average measurement and the Einstein paradox in quantum mechanics. A. V. Kostai'ov. Filos. probl. such. pyrod. no. 4:80-88 '65.
Degeneration of the metric tensor in the special theory of relativity. V. S. Novitskaya. Vest. AN BSSR, Ser. fiz.-mat. nav. no. 1:116-120 '66.
Experimental aspects of the special theory of relativity. M. S. Kozolov. Vest. AN SSSR 30 no. 2 177-182 '66.
Fiftieth anniversary of the general theory of relativity. A. S. Kompaneets. Vest. AN SSSR 30 no. 2:183-184 '66.
Philosophical appreciation of the "frame of reference" concept in the theory of relativity. M. B. Vilyutsky. Filos. probl. such. pyrod. no. 4:89-95 '65.
Relativistic "distance reducer" and "increaser." Priroda no. 2:108-109 F '66.

RELIABILITY (ENGINEERING)

(see also subdivision under Latvia)

Gluzman, G. L., and I. P. Paderno. [Reliability of control units and systems] Nadezhnost' ustanovok i sistem upravleniya. Moskva, Mashinostroyeniye, 1966, 211 p.
Operational reliability of articles and control equipment. R. B. Ulmich. Standartizatsia 29 no. 12:22-24 D '65.
Optimal nonlinear inertless transformation of the signals of several devices with consideration of their operational unreliability. E. P. Gilybo, L. B. Chelpanov. Avtom. i telem. no. 2:70-75 '66.
Organizing reliability services. L. D. Lubitskiy, L. A. Gavartin. Standartizatsia 29 no. 12:37-38 D '65.
Reliability can and should be controlled. G. A. Polumkin. Standartizatsia 29 no. 12:48-10 D '65.
Science and reliability. B. V. Gnedenko. Standartizatsia 29 no. 12:16-18 D '65.
Sorin, I. A. M. [Reliability service] Sluzhba nadezhnosti. Moskva, Izd-vo "Znanie," 1966, 47 p. (Novoe v zhitii, nauka, tekhnika. IV Seriya; Tekhnika, no. 6)

RELICS AND RELIQUARIES

Celebrating the return of the relics of St. Savva, the Sanctified, to Jerusalem. Archimandrite Germogen. Zhur. Mosk. Pair. no. 2:48-49 '66.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION—CONTRVERSIAL LITERATURE

Akademiya nauk BSSR, Minsk. Institut filosofii i prav. [Causes of the existence of and ways for overcoming religious survivals] Prichiny sushchestvovaniya i puti predolozheniya religioznykh perezhivkov. Minsk, Nauka i tekhnika, 1965, 253 p.
The disorders of truth. L. Drulanov. Agitator 33 no. 3: 40-42 F '66.
Ivanchenko, R. H. [Ghosts of the Lavra Caves] Pryvydy Lavrykykh pecher. Kyiv, "Vesolka," 1964, 134 p. (NN)

RELIGION AND COMMUNISM see Communism and Religion

RELIGION AND MEDICINE see Medicine and Religion

REMOTE CONTROL

Changes in the network of BST-50 and BTR-80 remote control system bases. V. L. Orlov, V. V. Podshivalin, V. A. Rukhadze. Elek. i teplot. tizaga 9 no. 12:15-16 D '65.
Diagram for the remote control of mechanisms of a crushing plant. N. V. Arslutkin, V. P. Dotenko, G. M. Khanzov. Ogneupory 31 no. 2:22-25 '65.
Economic effectiveness of telemechanization of petroleum pipelines. A. I. Vladimirovskiy, L. A. Zaitsev. Transp. i khran. nefti i nefteprod. no. 2:24-28 '66.
Equipment of a communication channel for the transmission of telemechanical data through electric power distribution networks. P. I. Zozulia and others. Trudy VNIKAneftgaz no. 1:146-147 '65.
Frequency-type standardized telemechanical system developed in Groznyy. V. I. Vinogradov and others. Trudy VNIKAneftgaz no. 1:87-89 '65.
Interference of the radio receiver of a remote control system in the presence of impulse noise. I. B. Venchikovskiy. Trudy VNIKAneftgaz no. 1:200-217 '65.
Magnetic commutator and its use in remote control systems. A. A. Denisov, V. P. Sabadashvili. Izv. vys. uchob. zav., elektromekh. 9 no. 2:181-186 '66.
Origination of false commands in a remote control system with discrete-type delay elements. G. A. Shastova. Trudy VNIKAneftgaz no. 1:265-276 '65.

Present state and future problems of the development of automatic and remote control in petroleum fields. R. I. Isakovich. Trudy VNIKAneftgaz no. 1 3-9 '65.

Reliability of the information networks of remote control systems with dispersed objects. B. O. Kasimov. Trudy Vych. tsentra AN Azerb. SSR 3 33-48 '65.
Remotely controlled sectional mobile substations in coal mines of the "Ukrzaphudugol" Combine. V. N. Vinoslavskiy, V. F. Shryl'. Ugol' Ukr. no. 3:22-23 Mi '60.
Remotely controlled stationary ballast rheostat for a stand of argon-arc welding. L. M. Berson. Svar. prozv. no. 4:39 Ap '66.

Special features of the construction of remote control systems for municipal traffic lights. B. G. Khorovich. Nauch. trudy AKKH no. 34:107-117 '65.
Use of machinery remote control systems in track repair and maintenance. V. E. Nemkova. Puti i put. khoz. 18 no. 2 19-20 '65.

REMOTE CONTROL—ABSTRACTS

[Automatic control, remote control, and computer technology] Ref. zhur.: Avtom., telem. i vych. tekhn. nos. 3-4 Mr-Ap '66. Avtorizatsiya ukazatel' za 1965 g.

RENAL INSUFFICIENCY

Pathogenesis, clinical aspects, and treatment of acute renal insufficiency. I. T. Popov. Voen.-med. zhur. no. 2 11-48 F '66.

RENDERING INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Ukraine

RENNIN

Rennin in bacteria. D. I. A. Tipograf and others. Prikl. biokhim. i mikrobiol. 2 no. 1 45-50 Ja-F '66.

REPRODUCTION

Conjugation processes in Paramecium putrinum Clap. et Lachm. Report No. 6. Induction and cytological study of a triple conjugation. A. V. Lankovskiy. Tsitologiya 8 no. 1:70-80 Ja-F '66.
Nuclear processes in the conjugation of Paramecium following previous X-ray irradiation. N. E. Kovaleva, A. V. Lankovskiy. Tsitologiya 8 no. 1:80-89 Ja-F '66.
Origin and breakdown of the reproductive isolation and the criterion of a species. G. Kh. Shaposhnikov. Ent. obozr. 45 no. 1 3-35 '66.
Reproduction of common dormouse in the southern part of Moscow Province. Q. N. Likhachev. Biol. MOIP Otd. biol. 71 no. 1 32-42 Ja-F '66.
Reproduction of the spotted salamander (Salamandra salamandra L.) and its relation to the environment. N. A. Polushina. Zool. zhur. 45 no. 1:44-116 '66.

REPRODUCTION, ASEXUAL

Asexual reproduction of the ascidian Diaploia ulnigermis. Report No. 2. Budding in the stages of metamorphosis. O. M. Ivanova-Kazaa. Vest. LGU 21 no. 3:45-58 '66.

REPTILES—PARASITES see Parasites—Reptiles

RESEARCH

(see also subdivision under Kazakhstan, Kirghizistan)
Basic lines of technological progress as related to scientific achievements. M. D. Millionshchikov. Vest. AN SSSR 30 no. 2:21-29 F '66.
Concluding remarks by Academician M. V. Keldysh. Vest. AN SSSR 30 no. 2:80-91 F '66.
Five years of great achievements: the whole nation discusses on the project of the directives of the 23d Congress of the CPSU. Priroda 55 no. 3:2-9 '66.
Gap between theory and practice. A. M. Letov. Avtom. i telem. no. 2:152-155 '66.
How to improve the organization of scholarly research. I. V. Chernov, O. I. Sheharbekov. Ukr. lei. zhur. 10 no. 1:47-53 Ja '66.
A new stage in industrial and scientific development. S. R. Sergienko. Izv. AN Turk. SSR. Ser. fiz.-tekh. i khim. i geol. nauk no. 6:8-9 '66.

Plan and search in scientific research. N. Chinnakal. Kommunist 42 no. 5:73-75 Mr '66.
Relationship between science and industry. P. V. Pliaskin. Elektrotekhnika 37 no. 2:6 F '66.

RESEARCH, INDUSTRIAL

History of creative cooperation between scientists and the personnel of industrial enterprises, 1840-1858. V. E. Poleiayev. Izv. SSSR 10 no. 1:82-94 Ja-F '66.
Keys of abundance. NTO 8 no. 3:20-22 Mr '66.
On the basis of an economic contract. N. I. Solomakina. Vest. vyz. shkoly 24 no. 2:53-58 F '66.
The plan and the prognosis of scientific development. A. Konson. Plan. khoz. 43 no. 3:39-40 Mr '66.

RESEARCH, INDUSTRIAL—ABSTRACTS

Gorki, Proektnyy, tekhnologicheskii i nauchno-issledovatel'skiy institut. [Abstracts of research carried out in 1963-1964] Annotsatsii rabot, vypolnennykh v 1963 i 1964 godakh. Gorki, Otdel nauchno-tekhn. informatsii, 1965, 56 p.

RESERPINE

Quantitative determination of reserpine in the roots of Rauwolfia vomitoria. M. A. TSarenko, M. S. Shalder, Farmatsev. zhur. 20 no. 4:13-17 '65.

RESERPINE—PHYSIOLOGICAL EFFECT

Mechanism of the restoration of the reserve of the norepinephrine mediator in avian endings. L. I. Baralov. Izv. zhur. 52 no. 1:29-33 Ja '66.

RESERVOIRS

(see also subdivision under Chirchik Province, Elm Kazakhstan Province; Lenkoran District)
All-Union Conference on the Construction and Multiplication of Reservoirs. D. I. Abiamovich, V. M. Shchukov. Izv. Vses. geog. ob-va 98 no. 1:92-93 Ja-F '66.
Determination of the probability characteristics of reservoirs placed in series. I. A. P. Pleskhov. Probl. glub. energ. i vod. khoz. no. 3:96-103 '65.
Flooded lands in the establishment of reservoirs for hydraulic power stations. V. G. Grebenkin. Glub. i vod. 18 no. 3 16-21 Mi '66.
New problems in the theory of bottom erosion in water reservoirs. I. I. Levi. Izv. VNIIG 78:71-82 '65.
Shimp's "cross the border." Torf. prom. 17 no. 1:11 '66.

RESERVOIRS—SEDIMENTATION

Calculations for flushing forebays and settling basins. F. Sh. Mukhamedzhanov. Gidr. i mel. 10 no. 2:20-11 F '66.

RESIDUAL STRESSES

Effect of cooling on the nature and magnitude of residual stresses. B. A. Krovchenko. Vest. mashinostroyeniya, 16 no. 3:58-60 Mr '66.
Effect of the residual stresses and the kind of stress condition on the corrosion cracking of welded joints. O. I. Stekolov, A. I. Akunov. Avtom. svai. 18 no. 3:75-43 F '65.
Influence of residual stresses on the decrease of plastic deformations during cyclic loading of machine parts. G. Z. Zaitsev. Metalloved. i term. obr. mol. no. 3:10-11 Mr '66.
A reason for the high degree of impairment to goods made of low-alloy steel. P. S. Solovov, V. I. Gantsev, I. V. Tarlinskii. Trudy Ural. elektromekh. inst. izh. izh. dor. (transp. no. 10:151-158 '65.
Residual stresses in built welds in columns and possible methods for their reduction. O. V. Mikhailov, L. G. Gazlov. Energ. stroit. no. 5 14-19 '65.
Strength of thin-walled box-section beams under the effect of welding stresses. V. S. Rublev, M. N. Krut'ko, M. S. Gribova. Svar. prozv. no. 4:15-16 Ap '66.

RESINS, SYNTHETIC

Conference on the use of synthetic resins in the rubber, cable, asbestos technical products and light industries. G. A. Blokin. Kauch. i rez. 25 no. 2:19-50 '66.
Curing of unsaturated polyester resins in the presence of cyclohexanone peroxide. Kh. V. Tsubina and others. Plasti. massy no. 3:21-23 '66.
Effect of the microstructure of the piles on the process of their impregnation in the manufacture of wood laminates. I. A. D. Avrasin. Der. prom. 16 no. 3:14-16 Mr '66.
Lacquer polyester resins containing chloroformic anhydride. M. F. Sorokin, E. I. Chibisova. Lakokras. mat. i khim. prikl. no. 1:4-9 '66.
Structure and composition of the products of interaction of styrene with formaldehyde obtained under various conditions. G. K. Imangazieva and others. Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no. 3:82-86 Ji-S '61.
Structure of polyelectrolytes obtained by the reaction of cross-linked sulfonation of styrene-formaldehyde resins. N. I. A. Zubman and others. Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no. 3:77-81 Ji-S '64.
Use of gypsum resins in the modification of bitumen lacquers. M. A. Ososvetaki, G. M. Baniyovskaya, I. P. Erulanova. Lakokras. mat. i khim. prikl. no. 1:71-78 '66.
Water-soluble urea and melamine-formaldehyde lacquer resins. N. A. Gurich and others. Lakokras. mat. i khim. prikl. no. 1:16-18 '66.

RESISTANCE TO HERBICIDES

Various resistance of monocotyledonous and dicotyledonous plants to herbicides of 2, 4-D type. G. A. Barbinan, A. G. Kankalan. Sbor. nauch. i trud. Nauch.-issl. inst. zem. no. 2:171-187 '61.

RESISTING AN OFFICER

Unlawful detention and resisting a police officer or an auxiliary policeman. A. A. Plonikovskiy. Sov. gos. i pravo 36 no. 1:120-134 Ap '66.

RESONANCE

Hydraulic resonance in conduits of hydroelectric power stations. K. A. Sramkov. Gidr. i mel. 35 no. 2:12-16 F '65.

RESONATORS

Use of open cylindrical resonators in studying a plasma. A. I. Anisimov and others. Zhur. tekhn. fiz. 35 no. 11: 2042-2051 N '65.

RESONATORS—OSCILLATIONS

Effect of the inhomogeneity of the dielectric constant on the characteristics of self-oscillations in resonators. T. I. Kuznetsova. Zhur. tekhn. fiz. 36 no. 1:58-60 Ja '66.

RESPIRATION

Control of external respiration during surgery. A. A. Vashantsev, L. P. Kosonogov, V. V. Bendimenko. *Izvestiya khim. i med.* no. 177-79 '65.

Effect of hemolytic agents on the vital capacity of the lungs and the saturation of arterial blood with oxygen in patients with pneumococcal pneumonia. A. I. Arakcheev, V. I. Oshchinnikov. *Sov. med.* 29 no. 135-40 Ja '66.

Effect of hydrocortisone on hemodynamics and gas exchange. B. G. Kobutkin. *Sov. AN Gruz. SSR* 11 no. 1 215-221 Ja '66.

Pharmacological characteristics of hemicholinium as an inhibitor of acetylcholine synthesis. S. N. Golikov, S. I. Lekhtinov. *Farm. i toks.* 27 no. 6 660-662 N-D '64.

Respiration of salmon (*Salmo salar* L.) eggs in water polluted with radioactive substances. G. V. Neustroev, V. N. Podymakhin. *Radiobiologiya* 6 no. 1:115-116 '66.

Significance of electrophysiological studies of respiration under excessive pressure for medical expertise on flying ability. N. A. Goldin, S. F. Raev, Voen.-med., zhur. no. 2 62-64 F '66.

"Soft" uncoupling of oxidative and energetic processes as the basis of the action of cardiac glycosides. M. N. Kondrashova. *Vest. AMN SSSR* 21 no. 4:44-49 '66.

State of pulmonary respiration in radiotherapy and combined therapy of bronchogenic cancer. V. A. Vladimirov. *Vop. onk.* 12 no. 2:18-21 '66.

Use of C^{14} -labeled food for studying the effect of phenol and hydroquinone on the respiration in fish larvae. I. U. Sorokin, V. I. Luk'yanenko. *Farm. i toks.* 29 no. 1:109-110 Ja-F '66.

RESPIRATORY ORGANS—DISEASES

Diagnosis of pharyngoconjunctival fever. A. A. Avdykovich. *Sov. med.* 20 no. 2:78-82 F '66.

RESPIRATORY ORGANS—INNERVATION

Role of conditioned reflex in the information of subthreshold stimuli of the respiratory system. A. V. Pogregkova. *Dokl. AN SSSR* 167 no. 1:241-244 M '66.

REST

Electromyographic studies on man at rest and in the restorative period after working. L. A. Isaakina, R. P. Orlinskaya, G. A. Tikhonova. *Biulet. ekol. i med.* 61 no. 1:17-20 Ja '66.

RESTAURANT MANAGEMENT

Uspenskii, F. A., K. L. Volkov, and L. G. Shaplo. [Economics and planning of public food service] *Ekonomika i planirovaniye obshchestvennogo pitaniya*, Izd. 2, ispr. i dop. Moskva, Ekonomika, 1965. 309 p. (NIC)

RESTAURANTS, LUNCHROOMS, ETC.

Important problems of present-day public catering enterprises. N. Mgalishchvili. *Sov. arkhiv.* no. 17:87-96 '65.

Organization of public catering in rural settlements. T. P. Samsonova. *Stroi. i arkhiv. [publ. n.ik]* no. 2:145-150 '65.

RESUSCITATION

Dehydrogenase activity of tissues in an acute blood loss and revivification. A. M. D'yakova, Z. M. Silant'eva, T. N. Plotod'jakonova. *Ukr. biokhim. zhur.* 38 no. 1: 95-99 '66.

Our experience in the treatment of terminal cancer. Klin. khir. no. 4:41-45 '65.

Some problems of the methodology and tactics of resuscitation. A. P. Zil'ber. *Sbor. nauch. i nauch. vpr.* Kar. ASSR no. 1:80-90 '62.

RETAIL TRADE

(see also subdivision under Latvia; Vinnitsa Province) Content of a course in trade aesthetics. I. Shchelenko. *Sov. tog.* 39 no. 3:38-42 Mr '66.

Exhibition of special items. Inform. biul. VDNKII no. 6: 36 Ja '64.

On the threshold of the new five-year plan. *Sov. tog.* 39 no. 3:1-4 M '66.

Sale of haberdashery. B. Gurevich. *Sov. potreb. koop.* 10 no. 2:45-54 F '66.

RETAIL TRADE—ACCOUNTING see subdivision under White Russia

RETAIL TRADE—FINANCE

Issuing credit to trade organizations. P. Novoselov. *Den. i kred.* 24 no. 3:8-15 Mr '66.

The retail trade should have a normal profit. *Sov. tog.* 39 no. 4:24-28 Ap '66.

RETAIL TRADE—MANAGEMENT

(see also subdivision under Rostov-on-Don)

Apply the new planning procedure. I. A. Sapelnikov, A. Rukhlenko. *Sov. tog.* 39 no. 3:11-15 Mr '66.

RETAINING WALLS

Analysis of the structures of joints of floor slabs and supporting crosswalls. V. Svedlov. *Zh. stroi.* no. 1: 26-29 '66.

RETINA

Electron microscopic study of mitochondria in the ellipsoid of photoreceptors exposed to light and in darkness. T. P. Tsiurula (Lukashchovich). *TSitologiya* 8 no. 1:90-93 Ja-F '66.

Intracellular recording of responses from various retinal cells in frogs and axolotls. A. L. Rysov, R. Flantzsch. *Fiziol. zhur.* 52 no. 3:250-257 Mr '66.

Morphological and functional changes in the retina following radiation sickness in rabbits. A. B. Melik-Khus'yan. *Radiobiologiya* 6 no. 1:80-92 '66.

RETROPERITONEAL SPACE—RADIOGRAPHY

X-ray diagnosis of retroperitoneal phlegmons. A. S. Pipko. *Khirurgiya* 42 no. 3:92-96 M '66.

RETROPERITONEUM

Some technical details of presacral retroperitoneum. I. F. Biatlavskii. *Vop. onk.* 12 no. 2:93-97 '66.

REVOLUTIONS

Kashli, I. U. A. ["Sociology of revolution" against revolution] *Sotsiologiya i revoliutsii* protiv revoliutsii. Moskva, Politizdat, 1966. 94 p.

Main forces of the present-day world revolutionary process. N. Kolikov. *Mir, ekon. i mezhdunar. otn.* no. 3:13-16 '66.

REWARDS (PRIZES, ETC.)

Consultation on the procedure of rewarding workers and engineers for the economy of fuel of electric and heat power. *Razved. i okh. nedr.* 32 no. 2:62-63 F '66.

High reward for gallant labor. *Zakup. sel'khoz. prod.* no. 1:45-50 Ja '66.

REYNOLDS NUMBER

Determination of magnetic Reynolds numbers. E. I. Lantovskii. *Mag. gidr.* no. 4:153-154 '65.

Liquid-metal magnetohydrodynamic generators in the case of high Reynolds numbers. I. U. M. Mikhailov. *Mag. gidr.* no. 4:113-119 '65.

RH FACTOR

Complications in transfusion of Rh-incompatible blood. M. K. Nadgeriev, O. P. Amelina. *Sov. med.* 20 no. 1: 95-97 Ja '66.

RHENIUM

Determining rhodium using a polarograph of alternating current. V. B. Spivakovskii, G. V. Makovskaya. *Mat. po geol. i geofiz. i geokhim. Ukr. i Kazakh.* no. 2: 160-162 '64.

RHENIUM—METALLOGRAPHY

Recrystallization diagram of high purity rhodium. E. M. Savitskii, G. E. Chuprikov. *Izv. vye. ucheb. zav. i tsent. mel.* 9 no. 1:112-115 '66.

RHENIUM COMPOUNDS

Synthesis and thermal decomposition of Rh^{III} and Rh^{IV} amminates. V. G. T'onev, R. A. Dovlatshina. *Zhur. neorg. khim.* 10 no. 10:2262-2267 O '65.

RHENIUM ISOTOPES

Delayed gamma transitions in Rh^{100} and Rh^{101} occurring in the (n, γ) -reaction. A. M. Reiestov, I. A. Kondusov, I. U. E. Loginov. *Izv. AN SSSR Ser. fiz.* 30 no. 2:200-213 F '66.

RHEOLOGY

Method of determining maximum shearing stress. S. S. Zhukovskii, A. M. Gukin. *Koll. zhur.* 28 no. 1:151-152 Ja-F '66.

Rheohelography in epidemic hepatitis. I. S. Kirchner, N. A. Faiber. *Sov. med.* 20 no. 2:17-22 F '66.

Rheological properties of a low-molecular polymethylsiloxane polymer and pastes based on it. T. I. Zatsapina, A. A. Trapeznikov, R. N. Shecherbakova. *Koll. zhur.* 28 no. 1:38-45 Ja-F '66.

RHEOLOGY (BIOLOGY)

Some controversial problems of cranial rheography. B. S. Agte. *Fiziol. zhur.* 52 no. 3:300-311 Mr '66.

RHEUMATIC FEVER

Atypical forms of chorea minor and chorealike variations of neural rheumatism. L. S. Gittik. *Zhur. nevr. i psikh.* 66 no. 3:375-380 '66.

Changes in the cerebral vessels in children with rheumatic fever. M. A. Izrael'skaya. *Arkh. pat.* 28 no. 1: 39-41 '66.

Clinical aspects and pathogenesis of some syndromes of lesions of the nervous system in patients with rheumatoid polyarthritis. D. T. Kuz'mov, N. F. Bakuta. *Zhur. nevr. i psikh.* 66 no. 3:370-374 '66.

Coagulating property of the blood in rheumatic fever according to data of biochemical and thromboelastographic research. T. P. Kucherova. *Sov. med.* 20 no. 2:16-20 F '66.

Differential diagnosis of hyperkinesia of rheumatic origin. E. G. Turatskaya and others. *Sov. med.* 20 no. 2:132-134 F '66.

Effect of anabolic hormones on the manifestation of allergy and autoallergy in children with rheumatic fever. E. A. Naderzhina, O. M. Kulibak, E. I. Monastkova. *Sov. med.* 29 no. 1:26-30 Ja '66.

Problems of compound preventive treatment of rheumatic fever with bicillin and antirheumatic agents. I. U. N. Gordon. *Sov. med.* 27 no. 5:94-97 M '64.

Rakhimdzhanov, A. R. [Dienecephalic pathology in rheumatism] *Dienetsentralnaya patologiya pri revmatizme*. Tashkent, Izd-vo "Meditsina" UzSSR, 1965. 163 p. (DNLM)

Regularity of seasonal prophylaxis of relapses of rheumatic fever by the use of bicillin and antirheumatics. A. I. Bolotina. *Sov. med.* 28 no. 1:78-80 Ja '66.

RHEUMATIC FEVER—PREVENTION

Nesterov, A. I. [Prevention of rheumatism] *Profilaktika revmatizma*. Moskva, Znaniye, 1966. 31 p. Novoe v zhizni, nauka, tekhnika. VIII Seiya. Biologiya i meditsina. no. 5]

RHEUMATIC HEART DISEASE

Hemodynamic factors of the formation of rheumatic defects of the cardiac valves. G. A. Ghekarova. *Arkh. pat.* 20 no. 1:30-39 '66.

Use of fluorescence microscopy in the study of lesions of the auricular appendage. R. A. Simakova, V. S. Kondratiev. *Arkh. pat.* 20 no. 1:83-84 '66.

RHEUMATOID ARTHRITIS see Arthritis, Rheumatoid

RHIZOSPHERE MICROBIOLOGY

Inoculation of plants and soil micro-organisms as affected by various types of fertilizers. A. I. Tikhonov, V. A. Pionin. *Vest. sel'khoz. nauk* 10 no. 6: 48-51 Ja '65.

RHODANINE

Synthesis and properties of rhodanines obtained from valine. I. I. Kopichek. *Farm. i toks.* 21 no. 1:7-10 '66.

RHODESIA—AGRICULTURAL POLICY

Master of the "red herding." S. Valiev. *Az. i Afr. seg.* 9 no. 3:55-56 Mr '66.

RHODESIA—BLOCKADE

Great Britain Playing at sanctions. V. Sidakov. *Nov. vrem.* 23 no. 16:13-14 Ap '66.

RHODESIA—INVESTMENTS, BRITISH

Interests of British Conservatives in Southern Rhodesia. *Mir, ekon. i mezhdunar. otn.* no. 4:139-140 '66.

RHODESIA—POLITICS AND GOVERNMENT

Zimbabwe people should have real independence. A. Tsvirikunov. *Zhur. Mosk. Patr.* no. 3:37-39 '66.

RHODESIA—RACE QUESTION

Kolesnikov, T. A., and M. K. Zenovich. [Thunder over Rhodesia] *Grom nad Rodeziel*. Moskva, Politizdat, 1966. 101 p.

Social roots of racism in Southern Rhodesia. S. Kuznetsov. *Kommunist* 42 no. 1:87-89 Ja '66.

RHODIUM—ANALYSIS

Separation of platinum and rhodium by anion-exchange extraction. L. M. Gindin, S. N. Ivanova, I. A. Mironova. *Izv. SO AN SSSR no. 11, Ser. khim. nauk* no. 3:157-159 '64.

RHODIUM COMPOUNDS

Composition of Rh(III) complexes as influencing their catalytic activity in the process of stereospecific polymerization of 1,3-butadiene in aqueous solution. A. A. Ginzburg and others. *Dokl. AN SSSR* 167 no. 1:99-101 M '66.

RHODIUM ELECTRODES see Electrodes, Rhodium

RHODODENDRON

Significance of the characteristics of flowering of Rhododendron ponticum L. and Rhododendron caucasicum Pall. in determining their origin. V. Z. Gullisassvili. *Biul. MOP. Old. biol.* 71 no. 1:136-137 Ja-F '66.

RIBUARD

Catechol gallates from *Rheum maxmouczkii* A. Los. T. K. Chumalov, L. T. Pashina. *Ikhim. prirod. soed.* 2 no. 1:30-34 Ja-F '66.

RIBOFLAVIN

Effect of bacterial fermentation on the vitamin B₂ content in silage. V. I. Kim. *Izv. AN Kazakh. SSR. Ser. biol. nauk* 4 no. 1:30-34 Ja-F '66.

Effect of some nutrient medium components on the accumulation of riboflavin in a *Eremothecium ashbyi* culture. A. S. Vocher, L. S. Kremova. *Pril. biokhim. i mikrobiol.* 2 no. 1:81-85 Ja-F '66.

Use of tetracycline and chlortetracycline to prevent infection in riboflavin biosynthesis by *Eremothecium ashbyi* culture. M. G. Golyazova and others. *Antibiotiki* 11 no. 3:210-213 Mr '66.

RIBONUCLEASE

Activity of guanyl ribonuclease in the culture fluid of *Actinomyces aureofaciens* Kras. et al. *Strain* 130a, as related to the composition of nutrient medium R. I. Tataakalia, A. I. Kurenniko, N. M. Abrosimova-Amel'yanchik. *Prilki biokhim. i mikrobiol.* 2 no. 2 151-155 Zh-Ap '66.

Effect of deoxyribonuclease I and phosphodiesterase of the snake venom on living cells of the strain Hep-2. I. S. Gubenko. *Tsitologiya* 8 no. 1 110-114 Ja-F '66.

RICE

(see also subdivision under Krasnodar Territory; Ukraine)

Resistance of rice to germination on stalk. A. P. Smetanin, K. M. Natanan Nambudiri. *Vest. sel'khoz. nauki* 10 no. 6:58-61 Ju '65.

Tillage of soil for rice planting. I. Nedil'ko, F. Kanajev. *Tekhn. sel'khoz.* 26 no. 2 17-18 F '66.

RICE—FERTILIZERS AND MANURES see subdivision under Azerbaijan

RICE—IRRIGATION

Anatomical structure of the primary root system of rice. L. A. Vorontsov. *Vest. sel'khoz. nauki* 10 no. 7:91-92 Ji '65.

New developments in the construction of the regulating network in rice fields. V. B. Zaitsev, N. N. Matyushin. *Gidrot. mel.* 18 no. 2:7-18 F '66.

RICE—MILLING

Don't delay the building of rice mills. *Zakup. sel'khoz. prod.* no. 6 35-36 Je '65.

RICE—VARIETIES

(see also subdivision under Lenkoran' Lowland)

Study of starch in Soviet rice varieties. A. F. Shukhmov, G. M. Maslova. *Prilki biokhim. i mikrobiol.* 2 no. 2: 129-132 Mi-Ap '66.

RICE—WATER REQUIREMENTS

Determining rice water requirements. Dao Khuong. *Gidrot. mel.* 18 no. 3:22-29 Mr '66.

RICE STRAW

Changes in the mobility of zinc during the decomposition of vegetable material under anaerobic conditions. A. N. Hlaletdinov, M. K. Kanatchikova. *Vest. AN Kazakh. SSR* 22 no. 2:80-83 F '66.

RICKETS

Erection of 17-ketosteroids and the content of mineral substances in the blood in experimental rickets. L. M. Gusekova. *Azerb. med. zhur.* 43 no. 3:40-43 Mr '66.

RICKETTSIAL DISEASES

(see also subdivision under Moldavia)

Characteristics of the foci of gamasid-borne rickettsiosis and its epidemiological and parasitological diversity from typhus fever. I. R. Drobninskii. *Trudy Kish. gos. med. inst.* 14:259-268 '61.

Characteristics of the primary affection and lymphadenitis in gamasid-borne rickettsiosis (rickettsiosis D). I. R. Drobninskii. *Trudy Kish. gos. med. inst.* 14:243-257 '61.

Clinical aspects of paroxysmal rickettsiosis. I. R. Drobninskii, Z. I. A. Kremneva, A. G. Rykhtina. *Trudy Kish. gos. med. inst.* 14:287-304 '61.

RIGA—AIRPLANES—MODELS

Constructed by students. F. Mukhamedov. *Grazhd. av.* 23 no. 4:14 Ap '66.

RIGA—BOOKSTORES

We should learn to work according to new methods. P. Pizans. *Kntzh. torg.* 18 no. 12:3-4 D '65.

RIGA—ELECTRIC EQUIPMENT INDUSTRY

At the Riga "Avtoelektroribor" plant. G. M. Luft, A. I. Sptan. *Standartizatsiya* 29 no. 12:35-37 D '65.

RIGA—ELECTRIC MACHINERY—RELIABILITY

Operating reliability of electric machinery. O. A. Kinas, S. I. Spolter. *Standartizatsiya* 29 no. 12:35-38 D '65.

RIGA—THEATER—PRODUCTION AND DIRECTION

How old is the chief director? M. A. Auzakina. *Tsentr* 27 no. 1:122-124 Ja '66.

RIGA DISTRICT—CATTLE TRADE

Profitable for the collective farm and the state. V. Simakov. *Zakup. sel'khoz. prod.* no. 7:31 Ji '65.

RIGHT WHALE PORPOISE see subdivision under Chukchi Sea

RIGID DYNAMICS see Dynamics, Rigid

RINGED SEAL see subdivision under Okhotsk, Sea of

RINGS (ALGEBRA)

Factor representations of anticommutative relations. V. I. A. Golodets. *Dokl. AN SSSR* 187 no. 1:119-22 Mr '66.

Modules of quotients. V. P. El'tsov. *Sib. mat. zhur.* 7 no. 1 221-226 Ja-F '66.

Norms of matrices representing maxima of systems of operators. G. R. Belitskii. *Usp. mat. nauk* 20 no. 3:191-195 S-O '65.

Representations of finite groups over an arbitrary field and in rings of integers. S. D. Berman. *Izv. AN SSSR. Ser. mat.* 30 no. 1:69-132 '65.

Some insoluble rings. S. Kenzhebaev. *Izv. AN Kazakh. SSR Ser. fiz.-mat. nauk* 4 no. 1:35-39 Ja-Mr '66.

RINGWORM

Treatment of epidermophytosis with undecylenic acid in combination with almond essence and benzolic acid. G. S. Gach. *Vest. derm. i ven.* no. 6 79 '65.

Treatment of Microsporum infections of the scalp. V. F. Ziserman. *Vest. derm. i ven.* no. 6 72-73 '65.

RITES AND CEREMONIES

Suleimanov, I. G. [New way of life, new traditions] *Novyi byt — novye traditsii. Ufa, Bashkirskoe knizhnoe izd-vo*, 1965. 40 p.

RIVERS

(see also subdivision under Central Chernozem region, Ural Mountain region)

Formation of rock pitch in streams at low temperatures. I. V. Okorochkov. *Gidrot. mel.* 35 no. 2:39 F '65.

Hydraulic calculation of a flow contracted by spur dikes in sections of river rapids. M. M. Ovchinnikov. *Gidrot. mel.* 36 no. 1:35-37 Ja '66.

RIVERS—MODELS

Mathematical model of channel processes. G. K. Shtavskii. *Probl. gidroenerg. i vod. khoz.* no. 3:215-229 '65.

RIVERS—REGULATION

Determination of the probability characteristics of reservoirs placed in series. I. A. F. Pleshkov. *Probl. gidroenerg. i vod. khoz.* no. 3:98-103 '65.

Generalized method of calculating the long-term regulation of streamflow for net output. V. A. Klitenko. *Probl. gidroenerg. i vod. khoz.* no. 3:58-73 '65.

Logical diagram for a program of calculations for long-term streamflow regulation. V. A. Klitenko, R. B. Babulov. *Probl. gidroenerg. i vod. khoz.* no. 3:104-113 '65.

RIVETS AND RIVETING

Investigating the stressed state of the plating during the riveting of panels. I. G. Fursov. *Samoletost. i tekhn. vozd.* 10 no. 4 66-75 '65.

RIZENKAMPF, GEORGI KONSTANTINOVICH, ca. 1885

First among the first discoverers. A. Mamedov. *Ekonom. izhishn.* 5 no. 2:71-73 F '66.

ROAD CONSTRUCTION

(see also subdivision under Bukhara Province, Uzbekistan)

Highway construction by stages. F. P. Burial. *Avi. dor.* 29 no. 3:31 Mi '66.

Perfect organization of production and high quality of work. *Avi. dor.* 29 no. 4:1 Mr '66.

Readers' letters. *Avi. dor.* 29 no. 3:32, 3 of cover. Mi '66.

[Road foundation beds and coverings of stabilized soil] *Dorozhnye osnovaniya i pokrytiya iz ukreplennykh grunтов*. [By] V. M. Bozruk i dr. Moskva, Transport, 1966. 126 p.

Roads of friendship. M. Boloshevich. *Vnesh. toig.* 46 no. 3:8-11 '66.

Slavutskii, A. K. [Technical and economic substantiation of the outline and construction of a network of agricultural roads] *Tekhniko-ekonomicheskoe obosnovaniye nachertaniya i stroitel'stva seti sel'skokhoziaistvennykh dorog*. Moskva, Transport, 1966. 116 p.

Talking about quality. *Avi. dor.* 29 no. 3:2 of cover Mi '66.

ROAD CONSTRUCTION—MANAGEMENT

Babakov, O. T., and V. M. Sidenko. [Organization of road construction work: examples] *Organizatsiya dorozhno-stroitel'nykh rabot; primery*. Moskva, Transport, 1966. 335 p.

Mogilevich, V. M. [Fundamentals of the organization of road construction work] *Osnovy organizatsii dorozhno-stroitel'nykh rabot*. Moskva, Vysshaya shkola, 1966. 274 p. diagrs. (insert)

ROAD CONSTRUCTION—TECHNOLOGICAL INNOVATIONS

Ritov, M. N. [Calculation of the economic efficiency of the introduction of new technology in road construction] *Raschet ekonomicheskoi effektivnosti vnedreniya novoi tekhniki na dorozhnom stroitel'stve*. Moskva, Transport, 1966. 101 p.

ROAD MACHINERY

Calculating the productivity of ramming machines. A. I. A. Aleksandrov. *Stroi. i dor. mash.* 11 no. 3:29-3- Mr '66.

The D-632 machine for laying out slopes. F. V. Chutchev. *Stroi. i dor. mash.* 11 no. 3:25-26 Mi '66.

Increasing the durability of asphalt paver work. G. F. Degtev, I. V. Revlin. *Stroi. i dor. mash.* 11 no. 3:27-28 Mi '66.

List of earthmoving, profiling, and packing machines manufactured in lots by construction and road machinery plants. *Stroi. i dor. mash.* 10 no. 11:20-32 N '65.

Mobile bitumen boiler. A. I. Shneider. *Stroi. i dor. mash.* 10 no. 11:23-23 N '65.

Pavilion "Building and Road Machinery" in 1961. Inform. bul. VDNKh no. 6:12-17 Je '64.

Results and outlooks. *Stroi. i dor. mash.* 11 no. 3:1-2 Mi '66.

Selecting an efficient shape of the wedge for percussion breaking of frozen ground. B. A. Bess. *Stroi. i dor. mash.* 11 no. 3:10-11 Mi '66.

Seminar on the automation of construction and road machinery and equipment. A. E. Volkova. *Stroi. i dor. mash.* 11 no. 3:38 Mi '66.

This is exhibited at the Exhibition of the Achievements of the National Economy. V. E. Soldatenkov. *Avi. dor.* 29 no. 3:30 Mi '66.

ROAD MACHINERY—PARTS

Line production of universal push frames for road machinery. N. D. Egorov, G. S. Parashchenko. *Stroi. i dor. mash.* 10 no. 11:30-37 N '65.

ROAD MACHINERY INDUSTRY

Construction and road machinery industries in 1965-1966. *Stroi. i dor. mash.* 11 no. 3:2-4 Mi '66.

ROAD MATERIALS

Study of the physical and technical properties of "glad" as a material for road slabs. A. V. Nekhoroshev, A. D. Grizulin. *Izv. vuz. ucheb. zav. i ts. zhur.* 8 no. 6:88-90 '65.

ROADS see subdivision under Siberia

ROADS—ADJUSTMENTS

[Highways] *Ref. zhur. i Avi. dor.* no. 3 Mr '66. *Avtorskii ukazatel' za 1965 g.*

ROADS—DESIGN

Improve the foundation design in road construction. G. Dvornik. *Avi. dor.* 29 no. 3:16-18 Mr '66.

Slavutskii, A. K. [Technical and economic substantiation of the outline and construction of a network of agricultural roads] *Tekhniko-ekonomicheskoe obosnovaniye nachertaniya i stroitel'stva seti sel'skokhoziaistvennykh dorog*. Moskva, Transport, 1966. 116 p.

Unified management of the design of highways. I. I. Shifrina. *Avi. dor.* 29 no. 1:26 Mr '66.

ROADS—ECONOMIC ASPECTS

Economic survey of highway transportation junctions. I. U. Lavrov. *Avi. dor.* 29 no. 1:21 Mi '66.

ROADS—MAINTENANCE AND REPAIR

(see also subdivision under Moscow Province) One of many. I. Antonov. *Avi. dor.* 29 no. 3:7 Mi '66.

ROADS—RESEARCH see Highway research

ROADS—RIDING QUALITIES

Statistical characteristics of the microprofile of highways and motor-vehicle vibrations. V. L. Afanasev, A. A. Khachaturov. *Avi. pom.* 32 no. 2:23-27 F '66.

ROADS—SNOW PROTECTION AND REMOVAL

Icebreaker on the sidewalk. A. Sashin. *Izobr. i izn.* no. 2:8 '66.

Snow removal with vibrators. I. U. Bernovskii, A. Mervel'. *Izobr. i izn.* no. 2:9-10 '66.

ROADS—SURVEYING

Geodetic service and the quality of road-construction work. D. Khariab. *Avi. dor.* 29 no. 3:5 Mr '66.

Planning canals and roads without tracing. S. M. Kuznetsov. *Geod. i kart.* no. 2:30-35 F '66.

ROADS, ICE

Snow highway. E. Savol'ev. *Izobr. i izn.* no. 2:12 '66.

ROBESPIERRE, MAXIMILIEN MARIE ISIDORE DE, 1758-1794

Robespierre in Russian and Soviet historiography. A. Z. Manfred. *Nov. i novelet. let.* no. 2:66-64 '66.

ROBOTS see Automata

ROCK BURSTS

Study of breaks in a massive rock resulting from blasting carried by water filling into boreholes. V. K. Rubtsov. *Gidrot. mel.* 35 no. 2:33-34 F '65.

ROCK CLIMBING

Hardening helped. N. Minkus. *Sov. vojn.* 47 no. 24:32 D '65.

ROCK DRILLS

Electric core drill with self-regulated force and feed speed M. N. Shagulin. *Geol. i stroit. i doiz. mash.* no. 2:71-76 '65.

Producing a spindle with a circular cross-section for rock drills. A. V. Laktionov, G. P. Ivashkin. *Dokl. tekhn. inform. Gos. nauch.-issl. inst. mech. i tekhn. inform.* 10 no. 1:7-8 Ja '66.

ROCK MECHANICS

(see also subdivision under *Stroitel., Easton*)

The first all-Union scientific conference on rock mechanics. I. A. Tsurpal. *Stroitel. mekh.* 2 no. 1:119-140 '66.

ROCK MECHANICS—CONGRESSES

Research on rock mechanics; All-Union conference in Alma-Ata. *Zh. S. Ershanov. Vest. AN SSSR* 36 no. 2 161-162 F '66.

ROCK PRESSURE

Calculating the dimensions of crosscuttings in drifting behind deep-lying longwall in the Donetsk Basin. S. M. Lipkovskiy, A. S. Bratishko, A. I. Kostomarov. *Ugol'* 41 no. 3:13-17 Mi '66.

Experimental study of the stability of bare wallrock in mining steeply pitching seams without stop lining. F. N. Vashchikov. *Ugol'* 41 no. 2:17-21 F '66.

Meeting of the Central Commission on the problem "Rock Pressure." A. A. Orlov, T. I. Shafar. *Ugol'* 41 no. 2:78 F '66.

Obtaining crushed rock in controlling rock pressure by gravity filling. O. V. Kolokolov, A. I. Gullin. *Ugol' Ukr.* no. 3:15-16 Mi '66.

Rock pressure and the use of five-section collapsible pneumatic support in the support. I. G. Koskov. *Geotekhn.* no. 3:72-73 Mi '66.

Studying the manifestation of rock pressure in the chamber system of mining. V. G. Beskaravaynyy. *Izv. vys. ucheb. zav. gor. zhur.* 6 no. 1:19-25 '62.

Supporting the workings at the mines of the Nikolai Mangayevskiy. A. G. Baidin, I. S. Zil'ber. *Geotekhn.* no. 3:11-17 Mi '66.

Using the results of mine observations of deformations in development working for the maintenance of the latter. I. U. Kozinnat, A. O. Spryaga. *Ugol'* 41 no. 3:17-19 Mi '66.

ROCK PRODUCTS INDUSTRY

Advantages of changing over the rock-material enterprises to three-shift operations. M. T. Kul'te, A. V. Stepanov. *Stroitel. i doiz. mash.* 12 no. 3:12-13 Mr '66.

ROCKET ENGINES—ABSTRACTS

[Air craft and rocket engines] Ref. zhur.; Av. i kosm. dvig. no. 2 F '66.

ROCKETEERS

Rocket equipment in safe hands. V. Tolubko. *Komm. Vooruzh. Sil* 47 no. 7:30-31 Ap '66.

We should try to equal the best rocket-launching units. I. M. Ezhov. *Komm. Vooruzh. Sil* 47 no. 6:44-46 Mr '66.

ROCKETRY—ABSTRACTS

[Rocket building] Ref. zhur.; Itakelost. no. 3 Mr '66.

ROCKETS (AERONAUTICS)

Problems advanced by K. E. Tsiolkovskiy and I. V. Meshcheryakov. G. I. Boldinnik, A. I. Zel'min. *Izv. AN Uz. SSR. Ser. fiz.-mat. nauk* 10 no. 7:70-77 '66.

ROCKETS (AERONAUTICS)—MODELS

see subdivision under *Mordvin*

ROCKETS (ORDNANCE)

(see also subdivision under *Hungary*)

Rocket homing systems. P. A. Perfilov. *Vest. protivovozd. chor.* no. 1:67-71 Ja '66.

Rocket power of the state. V. P. Tolubko. *Sov. voyn.* 47 no. 24:2-3 D '65.

Strategic rocket. V. Kononov. *Av. i kosm.* 44 no. 1:66-61 '62.

ROCKS

(see also subdivision under *Carpathian Mountain region; Sakhalin*)

Physical properties of rocks. G. M. Avchian and others. *Sov. geol.* 9 no. 2:78-84 F '66.

ROCKS—CLEAVAGE

Types of cleavage and its classification. I. A. N. Belovskiy, G. V. Tokhlov. *Sov. geol.* 9 no. 2:127-133 F '66.

ROCKS—ELASTIC PROPERTIES

Temperature dependence of the elastic modulus of rocks. V. S. Iamchikov. *Izv. AN SSSR, Fiz. zem.* no. 10:83-87 '65.

ROCKS—MAGNETIC PROPERTIES

(see also subdivision under *Kazakhstan; Kopetdag*)

Decrease of magnetic susceptibility, and the stabilization of the remanent magnetism in rocks. G. P. Sholpo. *Izv. AN SSSR, Fiz. zem.* no. 3:97-99 '66.

ROCKS—PERMEABILITY

Determination of the structural characteristics of porous spruce. I. A. Kapranchikov. *Geofiz. sbor.* no. 3:41-46 '65.

Method for determining the permeability of solid rocks. A. A. Pch. *Sov. geol.* 9 no. 1:119-125 Ja '66.

ROCKS—TESTING

rupture of rock specimens of regular shape under the effect of stress application of chisel punches. L. G. Gimbachak, I. V. Morozov, I. D. Blonnikov. *Izv. vys. ucheb. zav., geol. i razv.* 9 no. 1:107-111 Ja '66.

ROCKS—THERMAL PROPERTIES

(see also subdivision under *Aldan Plateau*)

Effect of the temperature of heating and the following cooling on the mechanical properties of rocks. I. P. Mekhnichuk, V. M. Fokeev. *Razved. i otkh. nedr.* 31 no. 1:26-32 N '65.

ROCKS, CARBONATE

see subdivision under *Bakmut region (Ukraine); Moscow Basin*

ROCKS, CARBONATE—PERMEABILITY

Flow of petroleum through carbonate rocks. A. G. Milesheina, G. I. Safonova. *Geol. nefit i gaza* 9 no. 3:43-10 Mi '65.

ROCKS, IGNEOUS

(see also subdivision under *Azerbaijan; Noil'sk region, Krasnoyarsk Territory; Russian Platform; Siberian Platform, Sialian Uldag; Ukraine, Zoravshan Range*)

Some data on the distribution of radioactive elements in ultrabasic and basic rocks. V. I. Gonschakova, S. G. Yessilina, V. V. Viskov. *Izv. AN SSSR, Ser. geol.* 31 no. 1:17-30 Ja '66.

Velocities of longitudinal waves in samples of volcanic and metamorphic rocks at pressures to 20,000 kg/cm². M. P. Volarevich, N. E. Gaidin, A. I. Levykin. *Izv. AN SSSR, Fiz. zem.* no. 3:15-23 '66.

Vsesoyuznoye vulkanologicheskoye soveshchaniye. 2d. Petrovskiy-Kamchatskiy, 1964. [Transactions of the Second All-Union Volcanologic Conference] Study Moscow, Nauka.

Vol. 2. [Volcanic and volcano-plutonic formations] Vulkanicheskoye i vulkano-plutonicheskoye formatsii. 1966. 203 p.

ROCKS, SEDIMENTARY

(see also subdivision under *Carpathian Mountain region; Sayan Mountains, Tarbagatay Range; West Siberian Plain; Zoravshan Range*)

Dependence of the radioactivity and content of chemical elements on the mechanical composition of sedimentary rocks. A. L. Kovalevskiy. *Geokhimiya* no. 3:362-368 Mr '66.

Nature of the strength of banded sediments. R. E. Dashko. *Zap. LGI* 48 no. 2:117-122 '65.

ROCKS, SEDIMENTARY—ANALYSES

(see also subdivision under *Timan Range region*)

Devices for sampling and processing samples. S. S. Bondarenko, N. N. Ikonnikov. *Razved. i otkh. nedr.* 32 no. 2:54-56 F '66.

Geochemical aspects of studying the Th/U ratio in sedimentary rocks. V. A. Kovalev. *Geokhimiya* no. 9:1171-1173 S '65.

ROCKS, SEDIMENTARY—CONGRESSES

Vsesoyuznoye litologicheskoye soveshchaniye. 6th, Tiflis, 1963. [Volcanic sedimentary formations and mineral resources, according to materials of the 6th All-Union Lithological Conference, Tbilisi, 1963] Vulkanogenno-osadochnyye formatsii i poleznyye iskopaemye, po materialam... Moskva, Nauka, 1965. 221 p.

ROCKS, SEDIMENTARY—MAPS

State of general mapping and general characteristics of the distribution of Quaternary continental sediments. G. S. Ganeskin. *Sov. geol.* 9 no. 2:3-16 F '66.

ROCKS, SILICEOUS

Elaboration of the ideas of A. D. Arkhangelskiy on the origin of siliceous rocks. I. U. P. Kazanskiy, V. P. Kazarinov, N. M. Rozapova. *Geol. i geofiz.* no. 9:84-92 '65.

RODENTS—GEOGRAPHICAL DISTRIBUTION

see subdivision under *Issyk-Kul' Depression*

RODENTS AS CARRIERS OF DISEASE

Epizootological significance of gamasid mites found on rodents living in large cities. D. V. Polarkov, V. V. Aychennikov. *Dokl. AN SSSR* 166 no. 4:1005-1008 F '66.

ROGITSKIY, STANISLAV ANDREEVICH, 1894-1965

Stanislav Andreevich Rogitskiy; obituary. *Stroitel. mekh. i razv. eor.* 8 no. 1:48 '65.

ROLLAND, ROMAN, 1860-1944

A humanistic writer. I. A. Kariashov. *Knizh. tovg.* 16 no. 12:32 D '66.

ROLLERS (EARTHWORK)

Kiev Nauchno-Issledovatel'skiy Institut stroitel'nogo proizvodstva. [Manual for the technical servicing of the D-211B(A) motor roller] Al'bom tekhnicheskogo obsluzhivaniya motornogo katka D-211B(A) Moskva, Stroizdat, 1965 51 p.

ROLLING (METALWORK)

(see also subdivision under *Novokuznetsk*)

Basic regularities of continuous rolling in a system of diamond - square passes. V. N. Vydrin, V. I. Krainov. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 2:83-89 '66.

Changes in the angle of pressure and the angle of spiral caused by the connection of the movement of rolling in shaping pilons for semirigid hypoid gears. B. A. Shitipelman. *Izv. vys. ucheb. zav., mashinost.* no. 1:164-170 '66.

Determining normal contact stresses in two-dimensional rolling. G. I. Kaplanov. *Samolotostroitel. i tekhn. vozd. flota* no. 1:60-66 '65.

Dynamics of metal gripping by rolls. F. K. Ivanchenko. *Izv. vys. ucheb. zav., mashinost.* no. 12:151-159 '65.

Effect of the conditions of deformation and heat treatment on the bonding quality of aluminum tubular panels. I. G. Kirpa. *TSvet. met.* 39 no. 2:74-79 F '66.

Effect of the conditions of steel slab heating on the quality of sheet. A. A. Zhdanov, I. V. Shukin. *Metallurg* 11 no. 3:32-33 Mi '66.

Influence of rolling on the mechanical and technological properties of cemented steel. G. N. Epstein. *Metallurg* 11 no. 3:16-10 Mr '66.

Influence of the temperature of heating for rolling on the properties of the low-nickel-alloyed manganese steel. N. I. Sandler, Sh. R. Dobuskinskaya, L. K. Zadorozhskaya. *Stal'* 26 no. 3:255-266 Mr '66.

Investigating contact stresses during thick strip rolling. I. A. Tarnovskiy, A. N. Levanyov, M. I. Poksevatskiy. *Izv. vys. ucheb. zav., fiz. i tekhn. met.* 9 no. 1:134-144 '66.

Longitudinal rolling of periodic sections on a four-high mill in open passes without widening. V. M. Zelenskii, L. D. Sokolov. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 2:69-71 '66.

Making pipe of OKh20N5T stainless steel. V. S. Rudol and others. *Stal'* 26 no. 3:248-250 Mr '66.

Non-oxidizing rapid heating of metals for rolling. I. U. V. Gordin and others. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 2:119-121 '66.

Rate of deformation during rolling with spread and pull. A. P. Chikonarev, I. I. Onishchenko. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 3:81-87 '66.

Rate of metal flow in the center of deformation during rolling. V. F. Polupkin. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 2:72-76 '66.

Rolling square and strip steel on a continuous 250 mm. V. A. Satskiy, V. B. Shum. *Metallurg* 11 no. 2:222-24 F '66.

Static errors of indirect-type regulators of the tension of the rolling machines of cold rolling mills. V. P. Bychkov, I. U. S. Vaynin. *Izv. vys. ucheb. zav., elektromekh.* 9 no. 3:301-315 '66.

Stressed state of a square strip rolled in a rhombic groove. V. V. Pudinov. *Samolotostroitel. i tekhn. vozd. flota* no. 1:87-92 '65.

Studying the longitudinal uneven gauge in the continuous rolling of strip; its causes and methods prevention. M. I. Bolarshteyn, V. Kh. Faizullin, M. I. Karlik. *Stal'* 26 no. 2:148-151 F '66.

Studying the process of high-speed cold rolling of low-carbon sheet steel with various technological lubricants. D. I. Starchenko and others. *Stal'* 26 no. 2:151-155 F '66.

Thermal hardening of low-carbon steel wire in the continuous process of rolling. E. S. Tsvetkov. *Stal'* 26 no. 2:184-186 F '66.

ROLLING (METALWORK)—DEFECTS

Steel pouring under liquid slag obtained from the burning of an exothermic mixture. V. A. Nosov and others. *Stal'* 26 no. 3:219-223 Mi '66.

ROLLING CONTACT

Experimental investigation of contact stresses during the hot rolling of chromium steel. I. A. Tarnovskiy, A. N. Levanyov, M. I. Poksevatskiy. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 3:107-110 '66.

Investigating contact stresses during thick strip rolling. I. A. Tarnovskiy, A. N. Levanyov, M. I. Poksevatskiy. *Izv. vys. ucheb. zav., fiz. i tekhn. met.* 9 no. 1:134-144 '66.

Theoretical analysis of conditions of the drawing-in process by a pair of rollers with elastic coating. G. K. Kuznetsov. *Izv. vys. ucheb. zav.; tekhn. i ekon. prom.* no. 1:144-147 '66.

ROLLING MILLS

Calculating force parameters for the rolling process by the similitude method according to "appropriate" experimental data. I. M. Chizhikov. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 3:102-108 '66.

Deformation of rolling mill stands. S. S. Chepurkin, V. I. Shibaev. *Izv. vys. ucheb. zav.; Chern. met.* 9 no. 2:174-180 '66.

ROLLING MILLS (Continued)

Selecting dynamic parameters of feed and turning mechanisms of mills for cold pipe rolling. V. I. Solov'ev, E. S. Goronkov. *Izv. vys. ucheb. zav., mashinost.* 12 no. 94-102 '65

Using a developed block diagram for the study of continuous mills. V. M. Shchitova, I. A. Kuvshinov, F. I. Slepashkin. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 3 120-126 '66

ROLLING MILLS—DESIGN AND CONSTRUCTION

(see also subdivision under Zaporozh'ye)

Automatic reverse of the 1500 mill. V. P. Potapov, V. A. Sychov. *Metallurg* 11 no. 2 33 '66

Cogging mills for large shape-rolling plants. I. I. Dohroskok and others. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 2-97-106 '66

Efficient direction for the elimination of disproportions in the conversion of reduction rolling in operating metallurgical plants. I. G. Mikhailov, N. S. Sachko, I. U. E. Funkov. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 2, 188-191 '66

Elastic deformation of backup rolls with a nonuniform setting of the bandage. P. I. Poluyhin, V. I. Sporyshch, I. U. D. Zhelezov. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 3 99-101 '66

Studying dynamic loads in a line of working stands of a continuous mill taking into account the rigidity of transmission elements and the elastic coupling between stands. F. K. Ivanchenko. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 2, 164-173 '66

Studying the scale factor in the calculation of rolling mill housings for fatigue strength. D. I. Shobulov, L. D. Sokolov. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 2, 160-162 '66

ROLLING MILLS—ELECTRIC DRIVING

Certain peculiarities of the drive of vertical rolls in slabbing mills. N. A. Tishchenko. *Stal'* 26 no. 3 242-245 Mr '66

ROLLING MILLS—EQUIPMENT AND SUPPLIES

Experience in the transfer of holding furnaces of medium-thickness sheet mills to heating with natural gas. E. I. Splak, I. Sh. Kherodnashvili. *Stal'* 26 no. 3 279-280 Mr '66

Important potentiality for increasing the output of cogging mills. V. G. Samolov, V. S. Gelman. *Metallurg* 11 no. 2-24-27 '66

ROLLING MILLS—LABOR PRODUCTIVITY (see subdivision under Nizhny Tagil)

ROLLING MILLS—LIGHTING

Lighting of adjusting shops in rolling mills. R. I. Berim. *Svetotekhnika* 12 no. 4-12-14 Ap '66

ROLLING MILLS—RELIABILITY

Reliability and service life of rolling mills. G. L. Khimich, M. N. Nelykh. *Metallurg* 11 no. 3 24-25 Mr '66

ROLLS (ROLLING MILLS)

Changing the shape of box grooves. B. M. Kilukovich, S. E. Merkur'ev. *Metallurg* 11 no. 2, 33 '66

Improving the service properties of rolls. P. M. Avrunin, N. V. Stetsenko, A. N. Osadchii. *Metallurg* 11 no. 2, 32 '66

Roll flattening during the rolling process. Report No. 1. I. A. Tarnovskii, S. N. Vysokovskii. *Izv. vys. ucheb. zav., Chern. met.* 9 no. 2, 90-96 '66

ROLLS (ROLLING MILLS)—DESIGN AND CONSTRUCTION

Improving the design of T-grooves for the rolling of R-65 rails. V. Z. Arshavskii and others. *Stal'* 26 no. 2 155-159 F '66

ROLLS (ROLLING MILLS)—THERMAL PROPERTIES

Calculating temperature fields and stresses in rolls during cold rolling. A. V. Tre'lyakov, E. A. Garber. *Mashinovedenie* no. 2, 74-85 '66

ROMASHKINO OIL FIELD—OIL FIELD FLOODING

Injecting solvents into a layer in the test sector of the Minibayev area. A. V. Valikhanov and others. *Nefteprom. delo* no. 2, 25-30 '65

ROMASHKINO OIL FIELD—PETROLEUM PRODUCTION

Controlling the carrying out of experimental solvent injection in the Minibayev area. B. S. Syshchev and others. *Nefteprom. delo* no. 3 15-19 '66

ROME—HISTORY

Problem of the downfall of the Roman Republic in Soviet historiography. E. M. Shuerman. *Vop. ist.* 41 no. 3 83-93 Mr '66

ROME—REVOLUTION OF 1848-1849

The defense of the Roman Republic. My second exile (continuation). G. Garibaldi. *Vop. ist.* 41 no. 3, 113-123 Mr '66

Garibaldi and the defense of the Roman Republic. V. E. Nivier. *Vop. ist.* 41 no. 3, 109-113 Mr '66

ROMNY DISTRICT—AGRICULTURAL WORKERS

On the frontier. I. Orlov. *Sov. prosoluzh.* 22 no. 3, 11-16 F '66

ROMNY DISTRICT—TRADE UNIONS

On the frontier. I. Orlov. *Sov. prosoluzh.* 22 no. 3, 11-16 F '66

ROOFING

Corrugated roofing sheets of plastic; efficiency profile and calculation method. I. U. M. Saifonov. *Nauch. trudy AKKH* no. 31 Zhil. khoz. no. 3 82-89 '64

Maintenance characteristics of roofs made of plastic elements. I. U. M. Saifonov. *Nauch. trudy AKKH* no. 31 Zhil. khoz. no. 3 76-81 '64

Moscow. Nauchno-issledovatel'skii institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Instructions for laying rolled roofing on buildings and structures.] *Instruktsiia po ustroistvu i utonnykh krovель zdanii i sooruzhenii.* Moskva, Stroizdat, 1966. 44 p

Output of new roofing materials is increasing. *Stal'* 26 no. 3 39 Mr '66

Protective painting of rolled roofing. A. V. Ivanova. *Nauch. trudy AKKH* no. 31 Zhil. khoz. no. 3, 105-110 '64

Shel'n, L. I. [New roofing materials for large-panel roofs.] *Novye krovельnye materialy dlia krupnopanel'nykh krysh.* Leningrad, Stroizdat, 1966. 130 p

ROOFING, CONCRETE

(see also subdivision under Kherson)

Maintenance characteristics of mesh-reinforced concrete roofs. V. M. Romanov. *Nauch. trudy AKKH* no. 31 Zhil. khoz. no. 3 60-67 '64

Practices in preparing prestressed roof elements for industrial buildings. N. N. Barmin. *Bet i zhel.-bet.* 12 no. 2-20-23 F '66

Technology of assembling precast roofs of single-hollow reinforced concrete slabs. S. D. Khimich, V. L. Vol'fson. *Nauch. trudy AKKH* no. 31 Zhil. khoz. no. 3, 172-178 '64

Using mesh-reinforced concrete roofs in housing construction. A. I. Kostits. *Nauch. trudy AKKH* no. 31 Zhil. khoz. no. 3 68-75 '64

ROOFS

Study on a model of flat roofs of three-way cross girders. R. I. Khisamov. *Stroitel. mekh. i soor. soor.* 8 no. 1, 34-38 '66

ROOFS—THERMAL PROPERTIES

Study of the heat resistance of composite roofs. N. Kh. Akubov. *Dokl. AN Tadzh. SSR* 9 no. 1 50-51 '66

ROOFS, SHELL

Calculation of reinforced concrete shallow shells. G. B. Gultman. *Stroitel. arkhit. [zhurn.]* no. 2, 112-118 '66

Hyperbolic shells as roofs of buildings. V. P. Abovskii and others. *Bet i zhel.-bet.* 12 no. 2, 1-4 F '66

Industrial buildings with three-dimensional roofs. V. P. Abovskii, L. A. Batukhtin. *Stroitel. arkhit. Len.* 28 no. 3, 32-34 Mr '66

More on precast three-dimensional elements. K. Glukhovskoi. *Na. stroit. Ros.* 7 no. 1, 14 Ja '66

Precast and cast-in-place reinforced concrete shell roofs for industrial buildings. *Blud. stroit. tekhn.* 28 no. 1, 28-29 Ja '66

Slabs with mounting ribs for vaulted roofs. N. A. Makelov. *Stroitel. arkhit. [zhurn.]* no. 2, 84-89 '65

ROOFS, SUSPENSION

Calculation of equitable sloping gey systems. L. D. Chiklin. *Stroitel. arkhit. [zhurn.]* no. 2, 96-103 '65

Gey system of large-span roofs with a support contour of arched elements. L. G. Dmitriev, A. V. Kasilov. *Stroitel. arkhit. [zhurn.]* no. 2, 76-83 '65

Practical method of the static calculation of a saddle-shaped suspension roof. A. N. Skuratovskii. *Stroitel. arkhit. [zhurn.]* no. 2, 104-111 '65

Using glass reinforced plastics for suspension roofs. V. G. Stoi'ko. *Stroitel. arkhit. [zhurn.]* no. 2, 80-85 '65

ROOFS, SUSPENSION—DESIGN AND CONSTRUCTION

Practices in the design and construction of general-purpose halls with suspension roofs. V. S. Vasil'ev, I. U. A. Plakstev, V. A. Reusov. *Stroitel. arkhit. [zhurn.]* no. 2, 55-64 '65

ROOT KNOT (see subdivision under Azerbaijan)

ROOTS (BOTANY)

Cytological injuries of apple radicles following irradiation of its seeds. I. V. Driagina, I. M. Kalinchenko, V. G. Lozhkina. *Radiobiologiya* 6 no. 1, 134-139 '66

Development of the root system of *Acanthophyllum euphraticoides* Rgl. in culture. S. B. Bespasev. *Bot. zhur.* 51 no. 1, 132-134 Ja '66

Sucking power of plant roots in pine stands. B. I. Akushev. *Dokl. AN BSSR* 10 no. 2, 108-110 F '66

ROOTS (BOTANY)—ANATOMY

Anatomical structure of the primary root system of rice. L. A. Vontsiov. *Vest. sel'sk. nauk* 10 no. 2, 91-92 Ji '66

ROOTS (BOTANY)—MORPHOLOGY

Morphological and anatomical characteristics of the rhizomes of commercial groundsel species. B. A. Muzaeva. *Apt. delo* 15 no. 1, 41-47 Ja-F '66

ROSACEA (MEDICINE)

Acanthosis. M. P. Butunin, D. N. Remilov. *Vest. dermat. ven.* no. 5, 19-23 '65

ROSE BENGAL

Clinical evaluation of the functional state of the liver using ¹³¹I-labeled rose bengal. L. A. Lashchinskii, V. V. Tisov, I. A. Beloshutsev. *Med. rad.* 11 no. 2 15-31 F '66

ROSES (see subdivision under Georgia)

ROSIN OIL

Improved method of the photographic determination of calciferol in the presence of retinol. V. G. Matunovskii, G. I. Samoilov, Zhur. anal. khim. 21 no. 2, 210-213 '66

ROSSOSHI' DISTRICT—EDUCATION, PRESCHOOL

In the Rossoshi' District. V. I. Gromov and others. *Dokl. vosp.* 39 no. 3, 20-24 Mr '66

ROSTOV-ON-DON—AGRICULTURAL MACHINERY

INDUSTRY—MANAGEMENT

The right flank men. G. Shashkin. *Sov. prosoluzh.* 22 no. 6, 6-7 Mr '66

ROSTOV-ON-DON—COOPERATIVE SOCIETIES

Toward the new successes. A. Konov. *Sov. polit. karp.* 10 no. 2, 7 F '66

ROSTOV-ON-DON—DRUGSTORES

Results of the work of consolidated groups of municipal drugstores. O. M. Nagatyov. *Apt. delo* 11 no. 3, 48-51 My-Ja '65

ROSTOV-ON-DON—RETAIL TRADE—MANAGEMENT

Retail trade management and profitability. M. I. Molodtsov. *Sov. toig* 39 no. 3, 16-18 Mr '66

ROSTOV-ON-DON—TELEVISION BROADCASTING

Results of creative enthusiasm and indifference. I. U. Dolgopiatov. *Sov. radio i tel.* 12 no. 1, 21-25 Ap '66

ROSTOV-ON-DON REGION—GEOLOGY, STRATIGRAPHIC

Pre-Cambrian of the Rostov-on-Don region. V. V. Sykhidov. *Sov. geol.* 9 no. 2, 152-155 F '66

ROSTOV PROVINCE—CONSTRUCTION EQUIPMENT

Mechanization of construction and problems in ergonomics. I. Loshak. *Na. stroit. Ros.* 7 no. 2, 20-21 F '66

ROSTOV PROVINCE—EDUCATION, PRESCHOOL—CONGRESSES

Province-wide conference of preschool education workers of Rostov Province. I. Kosonozhkin. *Dokl. vosp.* 39 no. 3, 34 Mr '66

ROSTOV PROVINCE—FIRES AND FIRE PREVENTION

On a Sunday. I. Shostakov. *Pozh. delo* no. 1, 20 Ja '66

ROSTOV PROVINCE—HISTORY—STUDY AND TEACHING

An evening university of local history. A. P. Pionatkin, A. G. Teleshchenko. *Ist. SSSR* 10 no. 2, 230-232 Mr-Ap '66

ROSTOV PROVINCE—PUBLISHERS AND PUBLISHING

High quality and economic efficiency in our slogan. I. Demchenko. *Kulzh. toig.* 17 no. 1, 30-31 Ja '66

ROSTOV PROVINCE—SPRINKLER IRRIGATION

Practices in the use of sprinklers in Rostov Province. D. A. Shkolov, N. P. Bredikhin. *Gidr. i mel.* 18 no. 1, 1-0 Ja '66

ROSTOV PROVINCE—STATE FARMS—FINANCE

Capital investments where complete business accounting is in effect. I. Soldatov, N. Borisenko. *Ekon. soiz'khoz.* 41 no. 2, 81-86 F '66

ROTARY CONVERTERS

Determination of the parameters of a two-motor machine-rectifier stage for driving centrifugal blowers. A. S. Sandler, L. A. Shapiro. *Trudy VZEI* no. 2, 83-75 '64

Present state and perspectives of the development of electromechanical rectifier networks. D. A. Zavallishin. *Izv. AN SSSR. Energ. i transp.* no. 1, 37-30 Ja-F '66

ROTARY KILNS (see Kilns, Rotary)

ROTATING AMPLIFIERS

Characteristics of amplifiers with additional poles on the transverse axis. P. A. Gorodkov, B. F. Tokarev, Elektrotehnika 37 no. 2:10-11 1st '68

ROTATING BODIES

Integrability in univalent functions of the equations of motion of a rigid body about a fixed point in a Newtonian force field. V. S. Seleznev, Vest. Misk. un Ser 1: Mat., mekh., 21 no. 2:90-93 Mr-Apr '68.

ROTATING MASSES OF FLUID

Magnetohydrodynamic coupling using a liquid metal flywheel. L. K. Matinson, Mag. gidr. no. 1:50-55 '68

ROTATION OF CROPS

Correct crop rotations as the most important condition. A. T. Belozorov, Zemledelie 28 no. 1:31-35 Ja '68.
Crops preceding winter wheat. A. A. Miroshchchenko, Zemledelie 28 no. 2:30-41 F '68.
For a more stable crop yield. L. B. Kazanov, Zemledelie 28 no. 2:31-33 F '68.
Master the rotation of crops more rapidly. I. A. Andriushchenko, Zemledelie 28 no. 2:38-39 F '68.
Provide all farms with a system of scientifically based agriculture. E. T. Varenitsa, Zemledelie 28 no. 1:35-38 Ja '68.

ROTERT, VLADISLAV ADOL'FOVICH, 1863-1910

Vladislav Adol'fovich Rotert (1863-1910) T. M. Gol'd, Bot. zhur. 51 no. 1:43-51 Ja '68.

ROTIFERA see subdivision under Gordly Reservoir

ROTORS—FLUID DYNAMICS

Device for observing and photographing hydrodynamic processes inside a "transparent" rotating rotor. I. G. Bospalov, L. V. Ilistatova, T. M. Churhatkina, Khim. i nef. mashinost., no. 1:8-9 Ja '68.

ROTORS—VIBRATION

Selecting optimal structural parameters for multi-supported rotors subjected to bending vibrations. M. F. Zeltman, Mashinovedenie no. 2:20-25 '68.

Vibration of a rotor in multiwedge unbalanced bearings. S. A. Chernavskii, Dokl. MISP 1 no. 5:97-100 '64.

ROWAN

Study of flavonoids of the mountain ash Sorbus pendula L. Report No. 1. Flavonoids of the flowers of Sorbus pendula L. O. I. Pavilil, H. V. Makarova, I. U. H. Borisuk, Farmasev. zhur. 21 no. 1:55-59 '68.

ROZDOL' REGION (UKRAINE)—LANDSLIDES

Forecast of landslides on the margins of a quarry in the Rozdol' sulfur deposit. M. H. Petusovych, L. P. Markovych, Dop. AN URSR no. 1:100-102 '66.

ROZENTAL', IOSIF SERGEEVICH, 1884-1955

Ja. memoir of I. S. Rozental'. Zhur. nevr. i psikh. 60 no. 3:177-178 '68

ROZMIROVICH, ELENA FEDOROVNA, 1886-1953

E. F. Rozmirovich; on the 60th anniversary of her birth. T. M. Kolesher, Ukr. ist. zhur. 10 no. 3:136-138 Mr '68.

RUBAKIN, NIKOLAI ALEKSANDROVICH, 1892-1948

N. A. Rubakin on the acquisition of books. E. P. Aref'eva, Trudy Gos. bibl. SSSR 9:132-154 '68.

RUBBER

Compatibility of polymers in the form of aqueous dispersions. Part 1. Effect of the nature of selective substances and the degree of surface covering of globules on the colloid-chemical properties of butadiene-styrene latex compounds. D. M. Krastoleva and others, Koll. zhur. 28 no. 1:70-82 Ja-F '68.

Simplified method of calculating the coefficient of the thermal linear expansion of rubber. G. M. Batenev, M. V. Voevodskina, Kauch. i rez. 25 no. 3:25-27 '68.

Using petrolatum for protecting rubber from atmospheric ageing. V. A. Shevlyakov, I. M. Tselilina, A. L. Rjabov, Nefteper. i neftekhim. no. 2:25-27 '68.

RUBBER—TESTING

Effect of defects on the service life of rubber. I. U. S. Zuev, T. I. Dorfman, Kauch. i rez. 25 no. 3:21-24 '68.

Effect of fillers on rubber autohesion and adhesion. V. G. Raevskii and others, Kauch. i rez. 25 no. 2:23-25 '68.

Method of determining the dynamic strength of bonds between rubbers under conditions of symmetric alternating shifting. A. I. Lukomskina, L. T. Kalnova, Kauch. i rez. 25 no. 3:27-30 '68.

Methods of evaluating the rugosity of rubber. L. I. Pruzhanskii, E. F. Nepomnashchii, Kauch. i rez. 25 no. 3:48-49 '68.

Studying the effect of various types of "Rubrax" softeners on the quality of vulcanizates. R. Sh. Frenkol' and others, Kauch. i rez. 25 no. 2:21-23 '68.

Unit for testing the ozone resistance of rubber under natural conditions. M. N. Reznikovskii, S. I. Bukhov, Kauch. i rez. 25 no. 2:46-47 '68.

RUBBER, SYNTHETIC

Analysis of the coagulation process of carbon black and latex compounds in the manufacture of black-extended butadiene-styrene rubber. G. P. Filinov and others, Kauch. i rez. 25 no. 3:6-9 '68.

Cross-linking of rubber by polyhalide compounds of the aliphatic series. V. A. Sidnev and others, Kauch. i rez. 25 no. 2:15-18 '68.

Effect of hexamethylene diamine on the properties of chloroprene latex films. M. S. Monastyrskala, L. I. Trubka, Izv. vyz. ucheb. zav., tekhn. leg. prom. no. 1:51-53 '68.

International symposium on macromolecular chemistry. A. S. Kuz'minskii, L. V. Ginzburg, Kauch. i rez. 25 no. 3:56-61 '68.

New type of softener with an aromatic base. V. G. Epshteln and others, Kauch. i rez. 25 no. 3:10-18 '68.

Preparation of compounds based on alluvane rubber. N. V. Piskonskaya, S. N. Arkina, Kauch. i rez. 25 no. 2:6-9 '68.

Stability and coagulation of synthetic latexes. Part 7. Electron microscopy data. R. E. Nelman, A. I. Kurilenok, A. P. Kirdeeva, Koll. zhur. 28 no. 1:105-109 Ja-F '68.

Stability and coagulation of synthetic latexes. Part 8. Mechanism of the first stage of coagulation. R. E. Nelman, O. A. Lashenko, A. P. Kirdeeva, Koll. zhur. 28 no. 1:110-111 Ja-F '68.

Structure of the SFR-26 type fluororubber studied by means of electron microscopy. V. A. Kargin, Z. I. Berestneva, V. G. Kalashnikova, Dokl. AN SSSR 168 no. 4:874-875 F '68.

Wear resistance of tire tread rubber made from stereoregular rubber. V. F. Evstiatov and others, Kauch. i rez. 25 no. 2:19-11 '68.

RUBBER, SYNTHETIC—TESTING

Studying the aging and thermal degradation of chloroprene polymers. R. M. Sorokina, A. L. Klobanskii, Kauch. i rez. 25 no. 2:18-20 '68.

RUBBER BOOTS AND SHOES see Boots and shoes, Rubber

RUBBER GOODS—TESTING

Using the coagulating method in studying strained state of rubber parts. N. A. Sukhova, K. K. Likharev, Izv. vyz. ucheb. zav., mashinost., no. 11:36-38 '68.

RUBBER INDUSTRY

Conference on the use of synthetic resins in the rubber, cable, asbestos technical products and light industries. G. A. Blokh, Kauch. i rez. 25 no. 2:18-30 '68.

Tasks and basic trends in the development of the synthetic rubber, tires and technical rubber goods industry in 1968. V. S. Fedorov, Kauch. i rez. 25 no. 3:2-5 '68.

RUBBER INDUSTRY—ACCOUNTING

Introduce a standard method of accounting in the rubber industry. V. I. Ushina, L. Garlazina, Bukh. uch. no. 2:31-33 F '68.

RUBBER INDUSTRY—COSTS

Some problems of the calculation of the cost of production of rubber goods. I. L. Gorodetskii, Kauch. i rez. 25 no. 3:38-42 '68.

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES

Mechanization and automation of operations in the preparation of rubber compounds. L. I. Gutman, Kauch. i rez. 25 no. 3:9-11 '68.

RUBBER INDUSTRY—PRODUCTION STANDARDS

Some problems in establishing latex consumption norms in the production of sponge rubber goods. B. M. Odintsov, G. M. Leonova, E. A. Gorelik, Kauch. i rez. 25 no. 2:35-39 '68.

RUBBER INDUSTRY WORKERS—DISEASES AND HYGIENE see subdivision under Kurek

RUBBER MACHINERY

Automation of fabric rolling on rubber skim-coating and spreading calendars. I. P. Proskurina, Kauch. i rez. 25 no. 3:42-46 '68.

Experience in the operation of DO-236 and DO-239 presses manufactured by the Odessa Plant for the production of bladders for shaper-vulcanizers. V. A. Lukasik, B. M. Sukhanov, Kauch. i rez. 25 no. 2:44-45 '68.

Studying the work of the rotor journal packings of rubber mixers in the Dnepropetrovsk Tire Plant. L. I. Mamont and others, Kauch. i rez. 25 no. 2:134-37 '68.

RUBBER MACHINERY—DESIGN AND CONSTRUCTION

Some physicochemical properties of free-flowing materials used in the preparation of rubber compounds. B. T. Andzhan, V. G. Kachirtseva, Kauch. i rez. 25 no. 3:12-15 '68.

RUBBER RESEARCH

Concerning the All-Union Conference on "Rubber as structural material in the modern machinery manufacture." M. M. Reznikovskii, Kauch. i rez. 25 no. 3:54-55 '68.

RUBBER TIRES see Tires, Rubber

RUBIDIUM CHLORIDE

Solubility isotherm in the system RbCl—ICl—H₂O at 25°C. V. I. Safonova, G. P. Kuznetsova, B. D. Stepin, Zhur. neorg. khim. 10 no. 10:2351-2354 O '68.

RUBTSOVSK (ALTAI TERRITORY)—TRACTOR INDUSTRY

Analysis of the strength and durability of the transmissions of the T-4 and T-4M tractors made at the Altay Tractor Plant. A. T. Bolgov, B. V. Kuglov, Izv. vyz. ucheb. zav., mashinost., no. 1:140-145 '68.

RUDAKI, 10th CENT.—BIBLIOGRAPHY see Bibliography—Rudaki, 10th cent.

RUDANOVSKII, NIKOLAI VASIL'EVICH, 1819-1882

Map of southern Sakhalin. A. I. Alekseev, Priroda no. 2: 98-101 F '68.

RUHR VALLEY—STRIKES AND LOCKOUTS—COAL MINERS

Why the restlessness in the Ruhr Valley: workers' movement. A. Grigor'ants, Nov. vram. 23 no. 13:16-17 M '68.

RUMANIA—BIBLIOGRAPHY

[New literature on Rumania] Nov. lit. po Rum. no. 2 '68

RUMANIA—CARDIDAE, FOSSIL

Find of Pliocene Ecericardium in Rumania. A. G. Eberzin, Paleont. sbor. [L'vov] no. 2 pt. 1:14-17 '65.

RUMANIA—HISTORY

New materials concerning V. I. Lenin's contacts with the Rumanian labor movement and Leninist propaganda in Rumania. E. I. Sptakovskii, Ist. SSSR 10 no. 2:188-200 Mr-Apr '68.

RUMANIA—LABOR AND LABORING CLASSES—EDUCATION

Culture and education for the Rumanian workers. Nikolaev Oniga, Vsem. prof. dvizh. no. 2:26-28 Mr '68.

RUMANIA—POULTRY—DISEASES AND PESTS

Coccidiosis in chicks and its prophylaxis. E. Kh. Lesnik, Veterin. ita 42 no. 1:114 Ja '68.

RUMEN

Dynamics of soluble carbohydrates in the rumen of lambs. N. U. Bazanova, A. V. Prokudin, Izv. AN Kazakh. SSR. Ser. biol. nauk 4 no. 1:63-66 Ja-F '68.

Methodology of simultaneous forming of an isolated portion from both dorsal and ventral pouches of the rumen. P. I. Zheleznev, V. F. Blakina, S. D. Polishchuk, Fiziol. zhur. 52 no. 1:108-110 Ja '68.

RUMEN—MICROBIOLOGY

Effect of feeding on the relation between the genera of infusorians and the level of cellulolytic activity of the rumen contents of sheep. M. D. Pomaznina, M. Kh. Spatvisev, Vest. sel'khoz. nauk 10 no. 7:90-99 Ji '65.

Methods of preliminary selection of micro-organisms, synthesizing vitamin B₁₂, from the rumen of cattle. I. A. Cheban, Izv. vyz. ucheb. zav. na kh. no. 2:45-47 '68.

RUMIANTEV, KONSTANTIN ANDREEVICH, 1891-1932

Life devoted to the revolutionary battle and dedicated work for the 75th anniversary of the birth of K. A. Rumiantsev, Neftnik 11 no. 2:14-15 F '68.

RUNOFF

(see also subdivision under Central Chernozem region; Kurnukichay Valley)

Accurate forecasting of annual streamflow. V. A. Grigor'ev, Probl. gidroenerg. i vod. khoz. no. 3:123-136 '65.

Development of a generalized method for calculations of long-term regulation of streamflow on the basis of integral equations. V. A. Kiktenko, E. N. Oshirov, Probl. gidroenerg. i vod. khoz. no. 3:74-95 '65.

Effect of strip subsiding on solid and liquid runoff from turf-Podzolic soils. D. U. Dzhabratlov, Pochvovedenie no. 3:42-45 M '68.

Generalized method of calculating the long-term regulation of streamflow for net output. V. A. Kiktenko, Probl. gidroenerg. i vod. khoz. no. 3:68-73 '65.

Logical diagram for a program of calculations for long-term streamflow regulation. V. A. Kiktenko, R. B. Batuhalov, Probl. gidroenerg. i vod. khoz. no. 3:104-113 '65.

Natural water basins, their improvement, and efficient use. I. V. Larin, Vest. sel'khoz. nauk 10 no. 7:10-18 Ji '65.

Systematic errors in evaluations of parameters of streamflow calculated by the method of moments. E. G. Blokhinov, Meteor. i gidrol. no. 4:32-38 Ap '68.

Systematic errors in evaluations of selective parameters of streamflow calculated by the method of moments. N. V. Nikol'skaya, Meteor. i gidrol. no. 4:38-40 Ap '68.

RURAL CONSTRUCTION

(see also subdivision under Dnepropetrovsk Province; Khmel'niksky Province, Saryargh, Karakhsan, Ukraine, Uzbekistan)

All-Union Conference on the Economics of Rural Construction V.P. Bortsov, *Bluzh. stroit. tekhn.* 28 no. 1 44-47 Ja '66.

RURAL CONSTRUCTION—COSTS

Construction and concentration of production M. Osmol'skiy, V. Stein, R. Tikhomirov *Ekon. sel'khoz.* 11 no. 3 67-74 Mr '66

For further industrialization of construction and the lowering of costs, *Sil' bud.* 15 no. 3, 1-2 Mr '65.

RURAL CONSTRUCTION—FINANCE

(see also subdivision under Kiev Province)

New rules for financing construction N. Sokolov, *Doklady* 24 no. 2 41-43 F '66

RURAL CONSTRUCTION—MANAGEMENT

Determining the optimal capacity of mechanized units, M. Oleshin, I. Sukhrachev, *Lkon. stroit.* 8 no. 4, 54-57 Ap '66.

RURAL EDUCATION see Education, Rural

RURAL ELECTRIFICATION

Transformer substations for agriculture, V. Fianquilian, *Tekhn. v sel'khoz.* 26 no. 2 37-41 F '66

RURAL LIBRARIES see subdivision under Daghestan, Peim Province

RURAL MEDICINE see Medicine, Rural

RURAL PLANNING

Mil'kov, F.N. [Landscape geography and practical problems] *Landshaftnaya geografiya i voprosy praktiki.* Moskva, Mysl', 1966. 255 p. (DNAL)

Organization of trade and everyday services in a rural settlement within the area of urban influence, N. V. Rogozhina, *Stroi. i arkhitekt. [zhurnal]* no. 2 133-144 '65. Practices in designing experimental model rural settlements, L. Tukalevskiy, *Stroi. i arkhitekt.* 14 no. 3 18-26 Mr '66.

Silvicultural and land improvement zoning of the U.S.S.R., A. F. Kalashnikov, *Vest. sel'khoz. nauk* 10 no. 7 1-9 Ju '65.

RURAL WATER SUPPLY see Water supply, Rural

RUSSELL, BERTRAND, 1872-

B. Russell's idealistic comprehension of the logical function of the categories of space, time, and cause in the cognition of physical phenomena V. T. Pavlov *Filos. probl. such. prirod.* no. 4 110-116 '65.

RUSSIA—AIR FORCE

Let us work carefully, efficiently, and swiftly, A. Rytov, *Komm. Vooruzh.* Sil 47 no. 6 31-37 Mr '66.

Lines written by Lenin, Kryl' 100, 17 no. 1 2-3 Ap '66

Our achievements are dedicated to you, our country! Av. i kosm. no. 4 7-11 Ap '66.

Spring of victors, G. Sementikhin, Av. i kosm. 44 no. 5 9-14 '62.

Thoughts and deeds of the home front soldiers, F. Polyulin, Av. i kosm. no. 3 24-28 Mr '66.

We should always try to increase the achieved results, N. Kiselev, *Komm. Vooruzh.* Sil 47 no. 6 40-51 Mr '66.

RUSSIA—AIR FORCE—OFFICERS

After a fallow, I. Zhikharev, Av. i kosm. no. 4 70-81 Ap '66.

Flights are a school, Part 2: Not a sleep without discipline, A. I. Archuk, Av. i kosm. no. 3 47-51 Mr '66.

Headquarters and the fighting skill of air pilots, V. Iukhin, Av. i kosm. no. 3 52-54 Mr '66.

Pride of a Soviet pilot, L. Agurin, Av. i kosm. 45 no. 12 35-40 '62.

Relay of courage, L. Goregillad, Av. i kosm. no. 3 35-40 Mr '66.

The second birth, S. Naumov, Av. i kosm. 44 no. 5 72-77 '62.

Spreading of the pre-congress competition, Av. i kosm. no. 3 15-23 Mr '66.

RUSSIA—AIR FORCE—PARTY WORK

Discipline and self-discipline, V. Diagomirskiy, Av. i kosm. 44 no. 1 14-20 '62.

RUSSIA—AIR FORCE—POLITICAL ACTIVITY

Ideological training of aeronautical staff, K. Vershinin, Av. i kosm. 44 no. 1 4-10 '62.

Political party work should be highly ideological and efficient, A. Rytov, Av. i kosm. no. 3 10-14 Mr '66.

RUSSIA—ARMED FORCES

Always guarding the peaceful labor and happiness of the people, V. I. Smirenko, *Neftianik* 11 no. 2 6-7 F '66

Anniversary of the Soviet armed forces, *Toor. i prak.* 117 kuli, 29 no. 2 1-2 F '66

Guarding peace and labor, I. V. Timeney, *Sov. profsoyuz* 22 no. 3 20-21 F '66

Guidance of the C.P.S.U. is the principal source of the strength of the Soviet Armed Forces, *Voen.-ist. zhur.* 8 no. 3 3-8 Mr '66.

On guard of peace and labor, *Voen.-med. zhur.* no. 2 3-7 F '66

Powerful unity, V. Gzhel'skiy, B. Ivanov, V. Peredel'skiy, *Sov. voyn* 47 no. 22 1-3 N '65

Program of the C.P.S.U. in regard to strengthening the defense of our country, P. A. Koverov, *Trudy MFT* no. 204 45-58 '65

RUSSIA—ARMED FORCES—NONCOMMISSIONED OFFICERS

Increase in every possible way the role of sergeants in the training and education of personnel, A. I. Pold'skiy, *Vest. protivovoza, uboi.* no. 10 21-24 O '65.

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

Brief news of party and political work, *Komm. Vooruzh.* Sil 47 no. 6 04-05 Mr '66.

Brief news of party and political work, *Komm. Vooruzh.* Sil 47 no. 7 83-86 Ap '66.

Communists of the Army and Navy prepare for the congress of their beloved party, A. Dpishev, *Komm. Vooruzh.* Sil 47 no. 6 10-24 Mr '66.

Independent work is the principal method of political education, A. Lomako, *Komm. Vooruzh.* Sil 47 no. 7 36-42 Ap '66

RUSSIA—ARMED FORCES—REGULATIONS

Russia (1923- U.S.S.R.) Ministerstvo oborony. [Disciplinary regulations of the Armed Forces of the U.S.S.R.] *Disciplinarnyy ustav Vooruzhennykh Sil Soluza SSSR.* Moskva, Voenizdat, 1966. 47 p.

RUSSIA—ARMY

Moscow, Tsentral'nyi muzej Sovetskoy Armii, [For the Soviet government] *Za Sovetskuyu vlast'*, Moskva, 1963. 14 plates, (MFT)

RUSSIA—ARMY—GUARD DUTY

Carrying out a battle assignment, F. Seretnikovskiy, *Komm. Vooruzh.* Sil 47 no. 7 10-52 Ap '66.

RUSSIA—ARMY—MILITARY LIFE

First Concerto, Valeriy Mukhin, *Sov. voyn* 47 no. 22 31-33 N '65.

... a man with a capital letter, I. Ishchenko, *Sov. voyn* 47 no. 19 5 O '65.

On a short leave, L. Bergol'tsev, *Sov. voyn* 40 no. 6 30-31 Mr '66.

RUSSIA—ARMY—OFFICERS

The chairman precluded the discussion of this matter, N. Ioshin, *Komm. Vooruzh.* Sil 47 no. 7 83 Ap '66.

RUSSIA—ARMY—PERSONNEL MANAGEMENT

Feigned tears, *Komm. Vooruzh.* Sil 47 no. 7 84 Ap '66.

RUSSIA—ARMY—POLITICAL ACTIVITY

Effectiveness? No, it's rather haste, V. Mikhailov, *Komm. Vooruzh.* Sil 47 no. 7 83-84 Ap '66.

Servicemen approve the "Directives" and show it in their achievements, *Komm. Vooruzh.* Sil 47 no. 6 57-60 Mr '66.

A source of inspiration, D. Isakov, *Komm. Vooruzh.* Sil 47 no. 7 35-37 Ap '66

We are learning to live as Lenin did, N. Kosychev, *Komm. Vooruzh.* Sil 47 no. 7 71-74 Ap '66.

RUSSIA—ARMY—SANITARY AFFAIRS

Medics in the battle of the Volga, V. V. Zluziukin, *Voen.-med. zhur.* no. 2 93 F '66

Training of nonstaff aidmen, S. K. Gilasman, *Voen.-med. zhur.* no. 2 75-76 F '66.

RUSSIA—ARMY—SPORTS

Army men, to the offensive! *Sov. voyn* 48 no. 7 44-46 Ap '66

RUSSIA—BIOGRAPHY

Mikulina, E. N. [Man is not alone, short tales of our days] *Chelovek ne odin, korotkie povesti nashikh dney.* Moskva, Znanie, 1965. 94 p. (CST-II)

RUSSIA—COMMERCE

Communiqué, *Vnesh. torg.* 46 no. 3 24-26 '66.

For the economy of electric power and fuel, N. Solunanova, *Sov. torg.* 30 no. 3 52-64 Mr '66.

Important tasks of foreign trade, *Vnesh. torg.* 46 no. 3 3-7 '66.

A new stage in the development of trade, A. Situev, *Sov. torg.* 39 no. 4 1-6 Ap '66.

Soviet watches, A. Morozov, *Vnesh. torg.* 46 no. 3 43-46 '66.

Spare parts for export, *Vnesh. torg.* 46 no. 3 32a-32d '66.

RUSSIA—COMMERCE—FRANCE

Franco-Russian commercial contacts in the 19th century, N. I. Akovkina, *Vest. LGU* 20 no. 2 '65.

RUSSIA—COMMERCE—HUNGARY

Our Hungarian friends write us, *Vnesh. torg.* 10-23 '66.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTION

The development of the Constitution of the U.S.S.R. in the light of the decisions of the 21st Congress, CPSU, G. Aleksandrov, *Sov. gos. i pravo* 1 S '59.

RUSSIA—CULTURE—EXHIBITIONS

"Soviet culture" Pavilion in 1966, *Iskustvo* 10 134-35 Ja '66

RUSSIA—ECONOMIC CONDITIONS

At the threshold of a new five-year plan, *Fizmat* no. 1 1-2 Ja '66

Comments on the information bulletin of the Central Statistical Administration of the U.S.S.R., *Fizmat* no. 1 32-31 F '66.

In our republics: facts and figures, *Agitator* 37 24-26 Mr '66.

Into a new orbit, Nikolai Gribachev, *Sov. voyn* 47 no. 2 5 Ap '66.

Krasnoyarsk, Institut teletnykh metallo. [Economic and political conditions in the U.S.S.R. in the light of the conference on science and technology] *Fizmat*, politicheskaya ekonomiya i istoriya KPSS, nauchno-tekhnicheskoy konferentsii. Pod red. Kravtsova I. A., Seigova. Krasnoyarsk, 1966. (CST-II)

Soviet society yesterday and today: facts and figures, *Agitator* 33 no. 4 10-11 F '66.

Years of achievements, *Sov. voyn* 47 no. 24 30-31 '65.

RUSSIA—ECONOMIC CONDITIONS—BIBLIOGRAPHY

Moscow, Publichnaya biblioteka, Otdel spravok. [Bibliograficheskoy raboty i nauchno-informatsionnoy bibliografii.] [Economy of the U.S.S.R., an annotated list of Soviet bibliographies published in 1917-1954. Ekonomika SSSR; annotirovannyy perechen' otchetnykh bibliografiy, opublikovannykh v 1917-1954 g. Moskva, Kniga, 1965. 158 p.]

RUSSIA—ECONOMIC POLICY

The building of communism is the great international objective of the C.P.S.U. and the Soviet people, *Sov. torg.* Trudy MFT no. 204 131-142 '65.

[By Lenin's course] *Leninskii kursom.* Moskva, vo "Pravda", 1966. 204 p. (Bibliotekha Pravdy)

Concluding remarks by Academician M. V. Keldysh, *AN SSSR* 36 no. 2 90-91 F '66

Discussion of reports, *Vest. AN SSSR* 36 no. 2 11 F '66.

Economic advantages of socialism and how to use them, L. Levshin, A. Eremin, *Kommunist* 42 no. 2 3-4 Mr '66.

Economic foundation of the harmonious interests of the people, I. Puzanov, *Komm. Vooruzh.* Sil 47 no. 7 1 Ap '66

Economic problems of technological progress, I. Gatovskiy, *Vest. AN SSSR* 36 no. 2 30-40 F '66.

The economic reform in the U.S.S.R. and the role of its critics, V. Gel'bras, *Sov. torg.* 46 no. 2 1-2 Mr '66.

Economic reforms in the Soviet Union; their complex and objectives, I. A. Liberman, *Sov. shakht* 15 no. 9-10 '66

Economic science and problems in the management of the national economy, A. M. Rumiantsev, *Vest. AN SSSR* 36 no. 2 8-20 F '66.

Economic theory and the guidance of the national economy, A. Rumiantsev, *Kommunist* 42 no. 1 42-54 Ja '66.

Firm steps, *Mir. ekon. i mezhdunar. otn.* no. 4 3 Ju '66.

The five-year plan for the further development of the society, *Kommunist* 42 no. 3 13-11 F '66.

The five-year plan of large-scale construction, *Fizmat* no. 1 13-13 Ap '65.

Five years of great achievements; the whole nation is the project of the directives of the 23d Congress of the CPSU, *Priroda* 55 no. 3 2-8 '66

For the people and communism, *Agitator* 33 no. 5 1-2 Mr '66.

From one achievement to another, I. A. Fomenko, *Komm. Vooruzh.* Sil 47 no. 6 38-43 Mr '66.

Fundamental problem of economic development, T. A. Kiselev, *Nar. khoz. Kazakh.* 24 no. 2 18-23 F '66.

The goal is prosperity, N. Lagutin, *Nov. vrem.* no. 13 3-4 Mr '66.

Horizons of the five-year plan, *Agitator* 33 no. 5 1-2 Mr '66.

Important milestone in the development of socialist economics, *Mias, ind. SSSR* 37 no. 1 1-3 '65.

RUSSIA—ECONOMIC POLICY (Continued)

Important phase in the building of communism. Part 1. *Pravda*, 6-8-69 Mr '66.

Important planning for the national economy at the present stage. D. Filikh, *Ekon. i zhizn'* 8 no. 2:13-17 Mr '66.

Interest of the people. *Fin. SSSR* 40 no. 3:3-6 Mr '66.

New phase of the building of communism. N. Baryshnikov, *Komm. Vooruzh. Sil* 47 no. 6:8-15 Mr '66.

Report and concluding speech at the 21st Congress of the CPSU, January 27th-February 5th, 1959. Pro kontrol'ni islyfy rozvykly narodnoho hospodstva SSSR na 1959-1965 roky. Dopovid' i zaklyuchenie na pozacherhovomu XXI z'lydzi Komunistychnoi parti Radians'koho Soluzu 27 slichnia 15 hntoho 1959 r. Kyiv, Derzh. vyd-vo polit. lit-y UkrSSR, 1959 165 p. (Cyr)

Kosygin, A. N. [Directives of the 23d Congress of the CPSU on the five-year plan for the development of the national economy of the U.S.S.R. in the years of 1966-1970; report and concluding speech of the Chairman of the Council of Ministers of the U.S.S.R. at the 23d Congress of the CPSU on April 5-7, 1966] Dn aktivy XXIII s'ezda KPSS po plaitelennmu planu i zavvilia narodnogo khoziaistva SSSR na 1966-1970 roky, doklad i zaklyuchitel'noe slovo P'edседателя Soveta Ministrov SSSR na XXIII s'ezde KPSS 5 i 7 apreila 1966 goda Moskva, Politizdat, 1966. 70 p.

Legal problems of economic studies. A. Savits'ka, *L. Shyrlin, Rad. pravo* 29 no. 3:41-45 Mr '66.

Lenin and planning. B. M. Oshnichenko, *Plan. khoz.* 43 no. 4:1-9 Ap '66.

The lies will die but the truth won't be destroyed. E. Brezhnev, *Kommunist* 42 no. 1:73-83 Ja '66.

A new important stage in the creation of the material and technical foundation of communism. *Vest. stal.* no. 3:3-9 '66.

[The new system for the management of the economy and planning] Nova sistema upravlinnia ekonomiko i planuvannia, zbirnyk statel. Kyiv, Politytydav Ukrainy, 1966. 68 p.

On the eve of the congress, *Agitator* 33 no. 6:3-5 Mr '66.

The party on the eve of its 23d Congress. *Kommunist* 42 no. 5:3-11 Mr '66.

The people and the five-year plan. A. Voronov, *Nov. vrem.* 23 no. 13:5-7 Mr '66.

Perfect the regulatory legislation on national economic planning. G. I. Khalilov, *Sov. gos. i pravo* 36 no. 3:15-23 Mr '66.

Planning for the comprehensive development of the economic regions of the U.S.S.R. G. Vosnenko, A. Sibirskov, *Plan. khoz.* 43 no. 3:75-82 Mr '66.

Planning the economic development of territorial complexes in the new five-year plan. D. Bogorad, V. Kovrigina, *Kommunist* 42 no. 5:77-79 Mr '66.

A policy conforming with the interests of the people. *Nov. vrem.* 23 no. 15:1-2 Ap '66.

The rates, proportions, and effectiveness of economic development. B. Pyshevskii, *Kommunist* 42 no. 3:24-35 F '66.

The Soviet Union today and tomorrow. *Nov. vrem.* 23 no. 13:1-2 Mr '66.

Toward the new achievements in the building of communism. *Sots. trud* 11 no. 3:3-8 Mr '66.

Triumph of V. I. Lenin's thoughts and deeds. *Komm. Vooruzh. Sil* 47 no. 7:3-8 Ap '66.

The whole world comments on the directions for the five-year plan. S. Novoselov, *Agitator* 33 no. 7:38-39 Ap '66.

World press on the Soviet five-year plan. B. Rakitskii, *Nov. vrem.* 23 no. 14:3-5 Ap '66.

Zhogovitch, A. E., and others. [Economic maneuver and methods of management] *Ekonimicheskii manevr i metody khoziaistvovannia*. Moskva, Ekonomika, 1966. 121 p.

RUSSIA—EPOCH OF CONFUSION, 1605-1613

"Legend of Grishka Otrep'ev" as an historic-publicistic monument of the beginning of the 17th century. S. V. L'vovskii, *Zbir. nauk. prais' asp. 2 filol.* Kyiv, un. no. 18:46-52 '63.

RUSSIA—FAMINES

American bourgeois studies on U.S. aid to Soviet Russia. D. N. Stashevskii, *Vop. ist.* 41 no. 4:173-180 Ap '66.

RUSSIA—FEBRUARY REVOLUTION, 1917

Fedorov, A. V. [February bourgeois and democratic revolution in Russia] *Fevral'skaya burzhuzno-demokraticheskaia revoliutsiia v Rossii*. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauka, tekhnika. I Seriya: Istoria, no. 4)

RUSSIA—FOREIGN ECONOMIC RELATIONS

An important factor in international cooperation. B. Vaganov, *Mezhdunar. zhizn'* 13 no. 4:29-37 '66.

The Soviet Union in the economy of the modern world. A. Alekseev, I. U. Shirlaev. *Mir. ekon. i mezhdunar. otn.* no. 3:19-31 '66.

RUSSIA—FOREIGN ECONOMIC RELATIONS—COMMUNIST COUNTRIES

From the practice in economic cooperation among socialist countries. I. Kapranov, *Nov. vrem.* 23 no. 16:5-7 Ap '66.

RUSSIA—FOREIGN ECONOMIC RELATIONS—CZECHOSLOVAKIA

Cooperation in the light of the new programs. R. Solutskii, *Nov. vrem.* 23 no. 13:11-13 Mr '66.

RUSSIA—FOREIGN ECONOMIC RELATIONS—EUROPE, EASTERN

The building of communism in the U.S.S.R. and the cooperation of socialist countries. E. L. Rabkin, *Study MIT* no. 20:115-130 '65.

Economic cooperation of the U.S.S.R. with other socialist countries. A. Vikent'ev, *Mezhdunar. zhizn'* no. 4:147-149 '66.

Fraternality economic cooperation. S. Zavolzhskii, *Agitator* 33 no. 6:18-20 Mr '66.

RUSSIA—FOREIGN ECONOMIC RELATIONS—KHIVA KJANATE

Sadykov, A. S. [Economic relations of Khiva and Russia in the second half of the 19th and the beginning of the 20th century] *Ekonimicheskoe svyazi Khivy s Rossiia vo vtoroi polovine XIX - nachale XX vv*. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 181 p. (Tashkent. Universitet. Nauchnye trudy, no. 296. Istoricheskii nauki, no. 67)

RUSSIA—FOREIGN RELATIONS

Akademiia nauk SSSR, Institut istorii. [History of the foreign policy of the U.S.S.R., 1917-1966 in two parts] *Istoria vnesnoi politiki SSSR 1917-1966 gg. v dvukh chastiakh*. Pod red. B. N. Ponomareva, A. A. Gromyko i V. M. Khavostova. Moskva, Nauka.

Pl. I. Borezkin, A. V., and others. [1917-1945] 1917-1945 gg. 1966. 477 p.

Galkin, A. A., and D. E. Mel'nikov. [U.S.S.R., Western states and the German question, 1945-1965] SSSR, Zapadnye derzhavy i germandskii vopros, 1946-1965 gg. Moskva, Nauka, 1966. 261 p.

Immutable policy of peace. *Nov. vrem.* 23 no. 17:1-2 Ap '66.

Markova, O. P. [Russia, Transcaucasia, and international relations in the 18th century] *Rossia, Zakavkaz'e i mezhdunarodnye otnosheniia v XVIII veko*. Moskva, Nauka, 1966. 322 p.

Policy tested by life. *Mezhdunar. zhizn'* 13 no. 4:3-9 '66.

A review of international events. I. U. Shvedkov, *Agitator* 33 no. 4:35-38 F '66.

[Under the glorious banner of communism and peace] Pod volkim znanomem kommunizma i mira. Moskva, Pravda, 1966. 430 p. (Biblioteka "Pravdy")

V. I. Lenin on the foreign policy of the Soviet state, V. Zevin. *Mir. ekon. i mezhdunar. otn.* no. 4:11-23 '66.

Zakharova, N. V. [Influence of social revolution on the validity of international treaties] *Vliianie sotsial'noi revoliutsii na silu mezhdunarodnogo dogovora*. Moskva, Nauka, 1966. 140 p.

RUSSIA—FOREIGN RELATIONS—CHINA

Sun Yat-sen about Soviet-Chinese friendship. P. A. Mironovskii, *Nar. Az. i Afr.* no. 2:138-140 '66.

RUSSIA—FOREIGN RELATIONS—GERMANY

Rosenko, I. A. [Soviet-German relations, 1921-1922] *Sovetsko-germandskie otnosheniia, 1921-1922 gg.* [Leningrad] Izd-vo Leningr. univ., 1965. 157 p.

RUSSIA—FOREIGN RELATIONS—LATIN AMERICA

First steps of Soviet diplomacy in the establishment of political and economic relations with the Latin American countries in the 1920's and 1930's. V. M. Marchenko, *Vest. LGU* 21 no. 2:54-61 '66.

RUSSIA—FOREIGN RELATIONS—UNDERDEVELOPED AREAS

Soviet Union and the developing countries. V. Nikharin, *Mezhdunar. zhizn'* 13 no. 4:42-56 '66.

RUSSIA—HISTORY

Books and time. N. Bol'shakova, *Doshk. vosp.* 39 no. 2:99-93 F '66.

Brief news. *Vop. ist.* 41 no. 4:170-172 Ap '66.

The monarchic regime of June 3, 1907, and the labor question. A. I. Avrekh. *Ist. SSSR* 10 no. 1:42-69 Ja-F '66.

Multivolume "History of the U.S.S.R. from the ancient past to the present." *Vest. AN SSSR* 38 no. 1:3-8 Ja '66.

Preparation of the "History of the U.S.S.R. in 12 volumes. V. A. Kurnakov. *Vop. ist.* 41 no. 3:139-142 Mr '66.

A session devoted to the problem of the "Transition from feudalism to capitalism in Russia." I. V. Ledovskaya, *Ist. SSSR* 10 no. 1:237-241 Ja-F '66.

Some supplementary notes on the history of the "Beseda" group. B. P. Mikhoeva. *Ist. SSSR* 10 no. 3:241-243 Mr-Ap '66.

Terrorism of the kulaks in rural areas, 1925-1928. I. U. S. Kukuishina, *Ist. SSSR* 10 no. 1:184-184 Ja-F '66.

RUSSIA—HISTORY—BIBLIOGRAPHY

New literature on the history of the U.S.S.R. *Ist. SSSR* 10 no. 2:159-162 Mr-Ap '66.

RUSSIA—HISTORY—SOURCES

Akademiia nauk SSSR, Institut istorii. [Complete collection of Russian chronicles] *Polnoe sobranie russkikh letopisei*. Moskva, Nauka.

Vol. 13. [The Patriarch or Nikon chronicle] *Patriarshaia ili Nikonovskiaia letopia'* [3. Izd.] 1965. 532 p.

Akademiia nauk SSSR, Institut istorii. [Peerage book from 1475 to 1566] *Razriadnaya kniga 1475-1566 gg.* Moskva, Nauka, 1966. 613 p.

History and reminiscences. I. U. Ozetov, *Ist. SSSR* 10 no. 2:236-237 Mr-Ap '66.

Materials relating to the history of the U.S.S.R. in the Archives of the French Ministry of Foreign Affairs. I. N. Minneva. *Vop. arkh.* 9 no. 4:83-85 O-N '64.

Sources for the history of Soviet society in the Soviet Central Archives of the October Revolution. N. B. Kovalenko, *Vop. ist.* 41 no. 3:154-160 Mr '66.

Toward the 50th anniversary of Soviet government; documents and materials (1916-1919). *Vest. ysn. shkoly* 24 no. 2:76-77 F '66.

RUSSIA—HISTORY, MILITARY

First steps in the democratization of the Russian Army. I. Minin, *Voen.-ist. zhur.* 8 no. 3:45-58 Mr '66.

How the party trained the commanding officers and political commissars of the Red Army, 1918-1920. I. U. G. Kiselevskii, *Vop. ist. KP Kazakh* no. 2:119-139 '64.

On the road of our fathers. V. Filippov, *Sov. voia.* 47 no. 24:4-5 D '65.

RUSSIA—INDUSTRIES

A businesslike attitude; letters, information notes, and comments. *Agitator* 33 no. 6:16-17 Mr '66.

From one achievement to another. I. A. Fomenko, *Komm. Vooruzh. Sil* 47 no. 6:38-43 Mr '66.

Have a heart-to-heart talk with Nikolai Troekurov! The first talk. *Agitator* 33 no. 6:46-48 Mr '66.

Let us greet the CPSU Congress with worthwhile achievements! *Sov. profsojuzy* 22 no. 3:4-6 F '66.

Norms for the number of repair workers and planned preventive-maintenance personnel. I. A. Konfendrat, L. Alekshovskii, *Sots. trud* 11 no. 3:98-105 Mr '66.

On calculating the number of repair workers. A. Neboshenko, *Sots. trud* 11 no. 3:112-114 Mr '66.

Our Hungarian friends write us. *Vnesn. iorg.* 46 no. 3:19-23 '66.

The Soviet Union in the economy of the modern world. A. Alekseev, I. U. Shirlaev. *Mir. ekon. i mezhdunar. otn.* no. 3:19-31 '66.

Study of industrial concentration processes by the method of groupings. G. Baklanov, V. Adamov. *Vest. stal.* no. 3:21-30 '66.

The U.S.S.R. is a great "construction project" of communism; in the notebooks of propagandists and lecturers. *Kommunist* 42 no. 2:28-39 Ja '66.

RUSSIA—INDUSTRIES—CLASSIFICATION

Classification of industrial and agricultural production. B. Kaganovich, A. Lalaitants, *Vop. ekon.* no. 2:41-50 F '66.

RUSSIA—INVASION OF 1812

Was it Napoleon who set Moscow on fire? V. M. Kholodkovskii, *Vop. ist.* 41 no. 4:31-43 Ap '66.

RUSSIA—LITERATURES

The manifold process of interaction. M. Pryhodii, *Rad. lit.* 10 no. 1:53-62 Ja '66.

RUSSIA—LITERATURES—BIBLIOGRAPHY

Moscow, Publichnaia biblioteka. [Literary classics of the peoples of the U.S.S.R. (the pre-October period); a recommended index of the literature to assist youth in self-instruction] *Klassiki khudozhestvennoi literatury narodov SSSR (dopiktabr'skii period); rekomendatsii'nyi ukazatel' literatury v pomoshch' samooobrazovaniu molodezhi*. Moskva [Kniga] 1966. 280 p.

RUSSIA—MANUFACTURES

Seventh Congress of the Trade Union of the Workers of the Light and Textile Industries. *Kozh.-obuv. prom.* 8 no. 2:1-3 F '66.

RUSSIA—MANUFACTURES—FINANCE

Payments in light industry. M. Orlova, O. Gorodetskaya, *Den. i kred.* 24 no. 3:32-36 Mr '66.

RUSSIA—MANUFACTURES—PRICES

Akademiia nauk SSSR, Minsk, Institut ekonomiki. [Price determination for articles of consumption] *Tsonobrazovanie na predmety potrebleniia*. Minsk, Nauka i tekhnika, 1965. 197 p.

RUSSIA—MILITARY POLICY

Present-day military strategy. V. Sokolovskii, M. Cherednichenko, *Komm. Vooruzh. Sil* 47 no. 7:50-66 Ap '66.

- RUSSIA—NAVY**
Journey to three countries. B Bogolepov. Sov. voen. 47 no. 24 44-45 D '65.
Standing guard for peace. S.G. Gorshkov. Sudostroenie 56 no. 2,3-6 F '66.
Veteran ship. M. P. Kotukhov. Mor. sbor. 49 no. 3:28-31 Mr '66.
We try to increase our military preparedness. A. Lobov. Komm. Vooruzh. Sil 47 no. 6 25-30 Mr '66.
- RUSSIA—NAVY—AVIATION**
Air facilities of distress signaling. V.G. Kapust'ian. Mor. sbor. 49 no. 4:57-61 Ap '66.
- RUSSIA—NAVY—HISTORY**
From documents of the civil war. Mor. sbor. 49 no. 4: 18-19 Ap '66.
The members of the Baltic Fleet listen to Lenin. I. M. Freidin. Mor. sbor. 49 no. 4:15-17 Ap '66.
Sailors in the defeat of the first counterrevolutionary mutiny. A. K. Bul'. Mor. sbor. 49 no. 4:8-15 Ap '66.
- RUSSIA—NAVY—MANAGEMENT**
Problems of the scientific organization of labor. V. D. Skugarev. Mor. sbor. 49 no. 3:38-48 Mr '66.
- RUSSIA—NAVY—OFFICERS**
First steps of the young officer. V. P. Zaitsev. Mor. sbor. 49 no. 3:83-86 Mr '66.
Independence, responsibility, and the right of a commander to take a risk. G. P. Bondar'. Mor. sbor. 49 no. 3:54-59 Mr '66.
- RUSSIA—NAVY—POLITICAL ACTIVITY**
Higher level of party and political work in the navy. V. M. Grishanov. Mor. sbor. 49 no. 3:6-13 Mr '66.
- RUSSIA—NAVY—SEA LIFE**
Moliseev, V. M. [By the perpetual ice] U vechnykh l'dov. Moskva, Voenizdat, 1966 189 p.
- RUSSIA—POLITICS AND GOVERNMENT**
Brezhnev, L. I. [Report of the Central Committee of the CPSU to the 23d Congress of the Communist Party of the Soviet Union, March 29, 1966] Otechestny doklad Tsentral'nogo Komiteta KPSS XXIII s'ezdu Kommunisticheskoi partii Sovetskogo Soyuza, 29 marta 1966 goda Moskva, Politizdat, 1966. 125 p.
Discussing the prepared for publication "History of the national and political development of the U.S.S.R., 1917-1984." V. D. Kalyta. Ukr. ist. zhur. 10 no. 1:158 Ja '66.
Extended role of public-service organizations during the large-scale building of communism. A. V. Mitekevich. Sov. gos. i pravo no. 9:24-33 S '59.
[Gazette of the Supreme Soviet of the R. S. F. S. R.] Ved. Verkh. Sov. RSFSR 10 nos. 9, 12, 14 Mr-Apr '66.
[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. SSSR 29 nos. 5, 12, 15-16 F Ap '66.
Iakubovskaya, S. I. [Formation and development of the Soviet multinational state] Obrazovanie i razvitiye sovetskogo mnogonatsional'nogo gosudarstva. Moskva, Znaniye, 1966. 45 p. (Novoe v zhizni, nauke, tekhnike. I Seriya: Istoriya, no. 3)
Increasing role of the Soviets of workers' deputies in the communist education of the Soviet people. N. I. Kostitskiy. Trudy MII' no. 204:59-77 '65.
Ivashchenko, V. K. [Lenin's plan for the building of socialism in the U.S.S.R., a lecture for correspondence students of the Novosibirsk Institute of Cooperative Trade] Lentskiy plan postroyeniya sotsializma v SSSR: lektitsia dlia studenlov-zaochnikov NSKT. Otv. za vyp. I. G. Lazhkov. Novosibirsk, Novosibirskiy in-t sovetskoi kooperativnoi torgovli, 1965. 29 p. (CS-11)
A policy conforming with the interests of the people. Nov. vrem. 23 no. 15:1-2 Ap '66.
Resolution of the 23d Congress of the Communist Party of the Soviet Union based on the report of the Central Committee of the CPSU. Nov. vrem. 23 no. 16:37-45 Ap '66.
Role of the state of all people in the building of communism. P. V. Popov. Trudy MII' no. 204:17-35 '65.
Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the R. S. F. S. R., sixth session, December 16-17, 1965] Zasedaniya Verkhovnogo Soveta RSFSR shestogo sozyva, shestaya sessiya (16-17 dekabrya 1965 g.). Stenograficheskiy otchet. [Moskva] Izd. Verkhovnogo Soveta RSFSR, 1966. 223 p.
Russia (1923- U.S.S.R.) Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the U.S.S.R., sixth session, October 1-2, 1965. Verbatim report] Zasedaniya Verkhovnogo Soveta SSSR shestogo sozyva, shestaya sessiya (1-2 oktyabrya 1965 g.). Stenograficheskiy otchet. Moskva, Izd. Verkhovnogo Soveta SSSR, 1965. 278 p.
Some problems in the history of Soviet society discussed in the works of V. I. Lenin; based on the new materials of V. I. Lenin's complete works V. I. A. Zevin, E. V. Klopov, B. M. Iakovlev. Ist. SSSR 10 no. 2:3-26 Mr-Apr '66.
Soviet socialist democracy. V. Chikhikvadze, V. Kotok. Kommunist 42 no. 5:52-61 Mr '66.
- RUSSIA—RELATIONS (GENERAL) WITH CHINA**
Soviet legal studies published in the Chinese People's Republic and Chinese legal studies published in the U. S. S. R. L. N. Ichev. Sov. gos. i pravo no. 9:132-135 S '59.
- RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA**
Cicative relationships between the scientists of the Academy of Sciences of the U. S. S. R. and the Czechoslovak scientists. I. N. Kiselev. Vest. AN SSSR 36 no. 1 82-86 Ja '66.
- RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES**
Evening dedicated to the friendship of youth. P. P. Karpenko. Sred. spets. obr. 13 no. 2:52 F '66.
On the wave of friendship. A. Gavrilov. NTO 0 no. 2:51-55 F '66.
Work of societies for friendship with the Soviet Union in foreign countries. A. E. Ioffe. Vop. ist. 11 no. 3: 15-30 Mi '66.
- RUSSIA—RELATIONS (GENERAL) WITH FRANCE**
To know, to understand, and to cooperate. L. Volodin. Nov. vsem 23 no. 14:6-9 Ap '66.
- RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN**
Two weeks in the Soviet Union. E. Reshetnikov. Metallurg 11 no. 3:37 Mr '66.
- RUSSIA—RELATIONS (GENERAL) WITH HUNGARY**
Drozdov, P. I. [Landmarks of a centuries-long friendship, on the history of Soviet-Hungarian relations] Vekhi mnogovekovoi druzhby, k istorii sovetsko-vengorskiikh svyazoi. Moskva, Mysl', 1965. 446 p.
- RUSSIA—RELATIONS (GENERAL) WITH THE NETHERLANDS**
Meeting of amateur astronomers of the U. S. S. R. and Holland. Zem. i vesel. 2 no. 1:88-90 Ja-F '66.
- RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES**
History of Russo-American scientific contacts in the second half of the 18th century. E. M. Dvotchenko-Markova. Sov. slav. no. 2:41-47 '66.
"This is Moscow..." V. N. Zhogin. Vop. arkh. 9 no. 4: 80-91 O-N '64.
- RUSSIA—RELATIONS (GENERAL) WITH TRANSCAUCASIA**
Markova, O. P. [Russia, Transcaucasia, and International relations in the 18th century] Rossiia, Zakavkaz'e i mezhdunarodnye otnosheniya v XVIII veke Moskva, Nauka, 1966. 322 p.
- RUSSIA—RELATIONS (GENERAL) WITH YUGOSLAVIA**
Meetings with Yugoslav lawyers. G. Anashkin. Sots. zakon. 43 no. 3:70-72 Mr '66.
- RUSSIA—RELATIONS (MILITARY) WITH CZECHOSLOVAKIA**
Word to the young. Ludvik Svoboda. Sov. voen. 47 no. 22:41 N '65.
- RUSSIA—REVOLUTION OF 1905**
Beginning of the revolution. K. Koshkin. Mol. komm. no. 1:89-91 Ja '65.
[Bolshevik party in the revolution of 1905-1907; consultations, methodological advice] Partiya bol'shevikov v revoliutsii 1905-1907 godov, konsultatsii, metodicheskio soveti. [Moskva] Mosk. rabochi, 1966. 190 p. (V pomoshch' izuchaiushchego istoriku KPSS, toma 3)
Demochkin, N. N., L. K. Erman, and E. D. Chermenskiy. [Revolution of 1905-1907 in Russia; a textbook for teachers] Revoliutsia 1905-1907 gg. v Rossii; posobie dlia uchiteloi. Moskva, Poravoshchenie, 1965. 238 p. fold. map (insert)
The Revolution of 1905-1907 in Russia and its international significance. N. M. Lobedov. Nov. i novish. Ist. no. 2:173-175 '66.
- RUSSIA—REVOLUTION, 1917-1921**
Approved by Lenin. Agitator 33 no. 3:24-27 F '66.
Breath of the revolution. V. Protsenko. Nar. obr. no. 4: 84-89 Ap '66.
The Committee on War and the Revolution attached to the Headquarters of the Russian Army. O. A. Bilumfeld. Ist. SSSR. 10 no. 2:131-141 Mr-Apr '66.
History of the closing of "city dumas" in 1918. D. D. Galperina, V. I. Startsev. Ist. SSSR 10 no. 1:124-130 Ja-F '66.
How the Bolsheviks organized the suppression of the uprising of military cadets in Petrograd in October 1917. A. A. Artemov. Vest. LGU 19 no. 20:5-16 '64.
In the battles for Soviet power. M. V. Ostapchuk. Vest. protivovozd. obr. no. 1:91-95 Ja '66.
In the very midst of the masses. R. Savitskaya. Agitator 33 no. 4:30-31 F '66.
- Neustorenko, A. I.** [How the People's Commissariat of the Public Health Service of the R. S. F. S. R. was organized, from the history of Soviet public health, October 1917-July 1918] Kak byl obiazovan Narodnyi komissariat zdoravookhianeniia RSFSR, iz istorii sovetskogo zdoravookhianeniia, oktiabr' 1917 g. - iul' 1918 g. Moskva, Meditsina, 1965. 84 p.
Ob'edneniia chinov kornilovskogo udarnogo polka. [Answer to Kilenko's book, "1913, from glory and honor, to the disgrace and shame of February 1917"] Otv. na knigu Kilenko "1913 g. ot chasti slavy - k podlosti i pozoru fevralia 1917 g." sbornik statii chlenov... Paris, 1965. 81 p.
Problem of the "History of the Great October Socialist Revolution" has been discussed at a conference of the historians of the socialist countries. V. I. Miller. Ist. SSSR 10 no. 1:232-234 Ja-F '66.
A new document on the history of the October Revolution found in the Central Party Archives of the Institute of Marxism-Leninism attached to the Central Committee of the CPSU. Submitted by V. V. Antokov. Vop. arkh. 9 no. 4:86-90 O-N '64.
Sailors in the defeat of the first counterrevolutionary mutiny. A. K. Bul'. Mor. sbor. 49 no. 4:8-15 Ap '66.
Who organized the uprising of military cadets in October 1917. D. L. Gotnikov. Vop. ist. 41 no. 3:202-205 Mr '66.
- RUSSIA—REVOLUTION, 1917-1921—FOREIGN PARTICIPATION**
Internationally-influenced workers and the Great October Revolution. V. A. Dantlov, K. D. Potiaev. Nov. i novish. Ist. no. 2 176-178 '66.
A section of Soviet historians in Odessa. V. V. Zelentsov. Sov. slav. no. 2:116-118 '66.
- RUSSIA—REVOLUTION, 1917-1921—NAVAL OPERATIONS**
First voyage to America. N. D. Kravkov. Mor. sbor. 49 no. 3:23-28 Mi '66.
- RUSSIA—REVOLUTION, 1917-1921—SOURCES**
From documents of the civil war. Mor. sbor. 49 no. 4: 18-19 Ap '66.
- RUSSIA—SOCIAL CONDITIONS**
Drobtzhev, V. Z. [Elimination of the exploiting classes in the U. S. S. R.] Likvidatsiia eksploatatorskikh klassov v SSSR. Moskva, Znaniye, 1966. 31 p. (Novoe v zhizni, nauke, tekhnika. I Seriya: Istoriya, no. 6)
RUSSIA—STATISTICS—YEARBOOKS
[National economy of the R. S. F. S. R. in 1964; a statistical yearbook] Na odnoe khoziaistvo RSFSR v 1964 g., statisticheskiy ezhegodnik. Moskva, Statistika, 1965. 576 p.
[National economy of the U. S. S. R. in 1964; a statistical yearbook] Na odnoe khoziaistvo SSSR v 1964 g., statisticheskiy ezhegodnik. Moskva, Statistika, 1965. 888 p.
- RUSSIA—UNDERGROUND LITERATURE**
Sociopolitical platform of the illegal periodical "Studenchestvo." R. G. Zhulikov. Vest. LGU 10 no. 20:48-60 '64.
- RUSSIA, ASIATIC—GEOLOGICAL TIME**
Absolute age of Pro-Cambrian rocks in the western and central parts of Central Asia. V. S. Kizincev and others. Dokl. AN SSSR 166 no. 5:1173-1176 F '66.
- RUSSIA, ASIATIC—OSTRACODA, FOSSIL**
New Cytherea (Ostracoda) from the continental Mesozoic of Asia. M. N. Gramm. Paleont. zhur. no. 1:72-80 '66.
- RUSSIA, NORTHERN—ARCHITECTURE, MEDIEVAL**
The tailor shop of the Solovetskiy Monastery. V. I. Kurlov. Sov. arkheol. 10 no. 2:274-287 '66.
- RUSSIA, NORTHERN—BUILDING—COLD WEATHER CONDITIONS**
Take into consideration the specific conditions of the Far North. T. Chernov, I. U. Tarnovskii. Ekhn. st. i. o. l. 8 no. 4:68-61 Ap '66.
- RUSSIA, NORTHERN—CITY PLANNING**
For the Far North. S. Odnovalov, M. T. Smoln. Sov. arkh. no. 17:57-62 '65.
- RUSSIA, NORTHERN—DEAD RECKONING (NAVIGATION)**
More on dead reckoning when sailing in ice. V. Badalov. Mor. flot 20 no. 3:24-25 Mr '66.
- RUSSIA, NORTHERN—DESCRIPTION AND TRAVEL**
People of the North. B. Poliakov. Mol. komm. no. 1: 16-22 Ja '65.
- RUSSIA, NORTHERN—LABOR SUPPLY—CONGRESSES**
All-Union Conference on the Formation of the Population and the Use of the Labor Resources in the Regions of the Far North. L. Svytova. Vop. ekon. no. 2:150-153 F '66.

RUSSIA, NORTHERN—LIBRARIES

Libraries of the North should be supplied with the books on their region. B. Shaplin Biblioteka 43 no. 3:22-24 Mr '66

RUSSIA, NORTHERN—PLANTS—CHEMICAL ANALYSIS

Sergeev, A. V. [Chemical composition of plants and siltage of the northeastern U. S. S. R., Yakut A. S. S. R., and Magadan Province] Khimicheski sostav rastenii i silosov Sovero-Vostoika Soluzia SSR; I Akutskoi ASSR i Magadanskoi oblasti. [Magadan] Magadanskoe knizhnoe izd-vo, 1965. 100 p. (DNL)

RUSSIA, NORTHERN—SHEEP BREEDING

Sheep for the regions of the Far North D. Epeneisnikov, Inform. blul VDNKH no. 1:27-28 Ja '66

RUSSIA, NORTHERN—SLAGE

Sergeev, A. V. [Chemical composition of plants and siltage of the northeastern U. S. S. R., Yakut A. S. S. R., and Magadan Province] Khimicheski sostav rastenii i silosov Sovero-Vostoika Soluzia SSR; I Akutskoi ASSR i Magadanskoi oblasti. [Magadan] Magadanskoe knizhnoe izd-vo, 1965. 100 p. (DNL)

RUSSIA, NORTHWESTERN—DAIRY FARMS

Mechanization of cow barns in the northwestern zone, M. Kuznetsov, G. Tatalnev, Tekh. v sel'khoz. 26 no. 3: 30-32 Mr '66.

RUSSIA, NORTHWESTERN—DESCRIPTION AND TRAVEL

Across our homeland, N. Mikhailov, Doshk. vosp. 39 no. 3:96-101 Mi '66.

RUSSIA, NORTHWESTERN—ELECTRICITY IN AGRICULTURE

How the party organizations of northwestern Russia struggled for the electrification of agriculture, 1953-1963. S. I. Guseva, Vest. LGU 20 no. 2:5-13 '65.

RUSSIA, NORTHWESTERN—PHYSICAL GEOGRAPHY

Rikhter, G. D., and A. G. Chikishev. [The north of the European part of the U. S. S. R.; studies of nature] Sever Evropeiskoi chasti SSSR; ocherki prirody. Moskva, Myel', 1966. 236 p.

RUSSIA, NORTHWESTERN—SEWAGE IRRIGATION

Sanitary helminthological studies of sewage irrigation fields in the northwestern zone of the U. S. S. R., V. I. U. Andrianov, Med. paraz. i paraz. bol. 35 no. 2:130-140 Mr-Apr '66.

RUSSIA, NORTHWESTERN—THERMAL WATERS—CLASSIFICATION

Hydrothermal zoning of the northwestern part of the U. S. S. R., V. I. Gurevich, Zap. LGU 48 no. 2:102-107 '65.

RUSSIA, NORTHWESTERN—WORMS, INTESTINAL AND PARASITIC

Sanitary helminthological studies of sewage irrigation fields in the northwestern zone of the U. S. S. R., V. I. U. Andrianov, Med. paraz. i paraz. bol. 35 no. 2:136-140 Mr-Apr '66.

RUSSIA, SOUTHERN—CLAY

Zkhua, I. D. [Clay minerals and their paleogeographic significance as revealed by a study made in some oil- and gas-bearing regions in the southern part of the U. S. S. R.] Glinistyie mineraly i ikh paleogeograficheskoe znachenie, na primere nekotorykh neftegazonosnykh raiionov Uga SSSR. Moskva, Nauka, 1966. 278 p. illus.

RUSSIA, SOUTHERN—INSECTS, INJURIOUS AND BENEFICIAL

Conference of entomologists of the sanitary and epidemiological stations of the territories and provinces of the Northern Caucasus and the lower Volga Valley dedicated to the memory of V. N. Beklomishev. V. P. Polovodova, L. A. Il'chenko, Med. paraz. i paraz. bol. 35 no. 2:251-262 Mr-Apr '66.

RUSSIA, SOUTHERN—MOLLUSKS, FOSSIL

Composition of the family Nuculidae in Upper Paleogene sediments in the southern part of the U. S. S. R., N. A. Fokina, Biol. MOIP, Otd. geol. 41 no. 1:96-100 Ja-F '66.

RUSSIA, SOUTHERN—OSTRACODA, FOSSIL

Genus Paracypripoda in the Pliocene and Quaternary in the south of the U. S. S. R., G. F. Shneider, Paleont. zhur. no. 1:150-161 '66.

RUSSIA, SOUTHERN—PALEOGEOGRAPHY

Zkhua, I. D. [Clay minerals and their paleogeographic significance as revealed by a study made in some oil- and gas-bearing regions in the southern part of the U. S. S. R.] Glinistyie mineraly i ikh paleogeograficheskoe znachenie, na primere nekotorykh neftegazonosnykh raiionov Uga SSSR. Moskva, Nauka, 1966. 278 p. illus.

RUSSIA, SOUTHERN—PASTURES AND MEADOWS

Establishing highly productive grasslands on sandy soils in the southeast. A. E. Ivanov, O. A. Zolotarev, Vest. sel'khoz. nauki 10 no. 7:11-16 Ji '65.

RUSSIA, SOUTHERN—REFRIGERATION AND REFRIGERATING MACHINERY

Heimetic refrigerating units for tropical countries and southern regions of the Soviet Union. V. B. Iakobson, Khol. tekhn. 43 no. 2:1-8 F '66.

RUSSIAN ACTRESSES see Actresses, Russian

RUSSIAN DRAMA—HISTORY AND CRITICISM

Present-day discussion of conflicts shown in dramatic works. V. P. Muromskii, Vest. LGU 20 no. 2:94-105 '65.

RUSSIAN DRAMA (COMEDY)

By means of a gay genre. Iur. Zubkov, Teatr 26 no. 7:43-50 Ji '65.

RUSSIAN HISTORY—STUDY AND TEACHING

Let's inculcate patriotism with the aid of concrete historic material. D. V. Samoilov, Stud. spets. obr. 13 no. 2:4-7 F '66.

RUSSIAN LANGUAGE—ADJECTIVE

History of some adjectives designating colors in the Russian language of the 16th and 17th centuries. L. M. Granovskaja, Uch. zap. API laz. Ser. filol. no. 3:135-152 '63. Some characteristics of the use of adjectives designating colors in the language of fiction at the end of the 19th and in the first half of the 20th century. L. M. Granovskaja, Uch. zap. API laz. Ser. filol. no. 3:5-18 '63.

RUSSIAN LANGUAGE—CASE

The dative case connected with predicate words ending in "ov" and with the infinitive. E. I. Volnova, Vest. LGU 20 no. 2:151-158 '65.

RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

What a primary grade reader should be like. Nach. shkola 34 no. 3:85, 96 Mr '66.

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Student compositions in connection with class and extra-curricular reading. G. F. Matriuk, Nach. shkola 34 no. 3:24-28 Mr '66.

RUSSIAN LANGUAGE—DIALECTS

(see also subdivisions under Kedabek District; Shamuyan District) Characteristics of preposition-case government in Cossack dialects of the upper Don region. L. G. Dolgachev, Sbor. nauch. rab. Volg. gos. ped. inst. no. 1, 228-233 '64. Perekop dialect. L. M. Orlov, Sbor. nauch. rab. Volg. gos. ped. inst. no. 1:233-213 '64.

Some problems of dialectal lexicography. F. P. Filin, Izv. AN SSSR, Ser. lit. i jaz. 25 no. 1:3-12 Ja-F '66.

RUSSIAN LANGUAGE—DICTIONARIES—ARABIC

Moscow, Universitet družby narodov, Kafedra algebr i geometrii. [Short Russian-Arabic dictionary of arithmetical terms] Kratki russko-arabskii slovar' aritmeticheskikh terminov. Moskva, 1965. 34 p.

RUSSIAN LANGUAGE—DICTIONARIES—FRENCH

[Russian-French dictionary. Approximately 23,000 words] Russko-frantsuzskii slovar'. Okolo 23 000 slov. Sost. V. V. Pototskaja i N. P. Pototskaja. Izd. 10, ispr. i dop. Moskva, Sovetskaja Entsiklopediia, 1966. 688 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES—ARMENIAN

Loan words from the Azerbaijani and Armenian languages in the dialect of the village of Russkiy Boris in the Shamuyan District of the Azerbaijan S. S. R., G. N. Aslanov, Uch. zap. API laz. Ser. filol. no. 3:53-73 '63.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES—AZERBAIJANI

Loan words from the Azerbaijani and Armenian languages in the dialect of the village of Russkiy Boris in the Shamuyan District of the Azerbaijan S. S. R., G. N. Aslanov, Uch. zap. API laz. Ser. filol. no. 3:53-73 '63.

Words of Azerbaijani origin in the dialects of Russian migrants; based on materials of the villages of Slavyanka and Novo-Saratovka in the Kedabek District of Azerbaijan S. S. R., S. D. Kats, Uch. zap. API laz. Ser. filol. no. 3:33-51 '63.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES—LATIN

Elements of the Latin language in the Russian lexicon. G. A. Sonkina, Uch. zap. MGPI no. 234:353-373 '65.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES—TURKIC

Methods for studying the oldest Turkic elements within the structure of a Russian dictionary. I. G. Dobrodromov, Izv. AN SSSR, Ser. lit. i jaz. 25 no. 1:57-64 Ja-F '66.

RUSSIAN LANGUAGE—GLOSSARIES, VOCABULARIES, ETC.

Vocabulary of M. Gor'kii; lexicographic studies in the universities of our country. L. S. Kovtun, Vest. LGU 21 no. 2:117-131 '66.

RUSSIAN LANGUAGE—LEXICOGRAPHY

Some problems of dialectal lexicography. F. P. Filin, Izv. AN SSSR, Ser. lit. i jaz. 25 no. 1:3-12 Ja-F '66.

RUSSIAN LANGUAGE—OLD RUSSIAN—GRAMMAR

Discrepancies in the agreement of short particles of the active voice with nouns, based on literary monuments from the 11th to the 15th century. N. I. Maevskaja, Sbor. nauch. rab. Volg. gos. ped. inst. no. 1:218-227 '64.

RUSSIAN LANGUAGE—PHONETICS

Spectral characteristics of Russian sonants. N. A. Ljubimova, Vest. LGU 20 no. 2:159-167 '65.

RUSSIAN LANGUAGE—PRONOUN

Fedorova, M. V. [Lexical and grammatical studies on the history of Russian pronouns] Lektsio-grammaticheskie ocherki po istorii russkikh mestoimenn. Voinozh, Izd-vo Voenizhskogo univ., 1965. 200 p.

RUSSIAN LANGUAGE—SENTENCES

Lexical interrelationships between component parts of a complex sentence. V. A. Fedosov, Sbor. nauch. rab. Volg. gos. ped. inst. no. 1:243-253 '61. Secondary parts related to the sentence as a whole. T. I. Antonova, Sbor. nauch. rab. Volg. gos. ped. inst. no. 1:209-218 '61.

Simple impersonal sentences in the contemporary Russian and Lithuanian languages. V. I. Mikhailchenko, Vest. LGU 21 no. 2:132-140 '66.

RUSSIAN LANGUAGE—STUDY AND TEACHING

(see also subdivisions under Lithuanian) Let's base our work on the observation of students. I. A. Man'ko, Nach. shkola 34 no. 3:22-23 Mr '66.

Strakevich, M. M. [Work on expressive reading during the study of Russian, grades 5-8] Rabota nad vyrazitel'nyim chteniem pri izuchenii russkogoazyka; V-VIII klassy. Pod red. A. V. Tokucheva, Moskva, Prosveshchenie, 1964. 113 p. (Pedagogicheskaja biblioteka uchitelja) (NIC)

Students' collections of humor. L. I. Tikunova, Nach. shkola 34 no. 3:20-22 Mr '66.

RUSSIAN LANGUAGE—STYLE

About unnecessary, appropriate and unavoidable terminology. G. Lebedeva, Doshk. vosp. 39 no. 3:84-86 Mr '66.

Gvozdev, A. N. [Essays on style in the Russian language] Ocherki po stilistike russkogoazyka. Izd. 3. Moskva, Prosveshchenie, 1965. 407 p.

On one characteristic of the poetic language of the beginning of the 19th century. E. L. L'vova, Uch. zap. API laz. Ser. filol. no. 3:123-134 '63.

Serman, I. Z. [Poetic style of Lomonosov] Poeticheski stil' Lomonosova. Moskva, Nauka, 1966. 257 p.

RUSSIAN LANGUAGE—SYNONYMS AND ANTONYMS

Akademii nauk SSSR, Institut russkogoazyka. [Studies on synonyms in modern literary Russian] Ocherki po sinonimike sovremennogo russkogo literaturnogoazyka. Moskva, [Nauka] 1966. 225 p.

RUSSIAN LANGUAGE—SYNTAX

Academic elaboration of the government of syntax in Soviet linguistics. R. V. Boldyrev, Zbir. nauk. prats' asp. z filol. Kyiv. un. no. 18:77-83 '63.

RUSSIAN LANGUAGE—WORDS

Development of new meanings of words and their use in the language of newspapers ("rubesh", "razgovor", and "malak"). L. I. Rakhmanova, N. I. Formanovskaja, Vest. Mosk. un. Ser. 7: Filol., zhur. 20 no. 6:76-91 N-D '65.

Study of word combinations in M. V. Lomonosov's "Russian grammar." A. F. Dem'ianenko, Zbir. nauk. prats' asp. z filol. Kyiv. un. no. 18:84-91 '63.

RUSSIAN LITERATURE

Good and various literary works. M. Lapshin, Knizh. izrg. 16 no. 12:38-39 D '65.

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—HISTORY AND CRITICISM
Base continent Petr Sirekov. *Okhadr* 42 no. 4:175-178 Ap '66

Ideas of socialism in the Russian classical literature of the 19th century. N.I. Prutskov. *Vest. AN SSSR* 35 no. 1:69-72 Ja '66

'Legend of Grishka Otrep'ev' as an historic-publicistic monument of the beginning of the 17th century. S.V. Likhovskiy. *Zhurnal nauki i iskusstva* 2 filol. zhur. no. 18:46-52 '63

Literary newspapers of the 1830's and 1840's and the censorship. A.I. Stan'ko. *Vest. LGU* 20 no. 2:116-127 '65

Lidvinov, V.M. [A writer begins... new names in contemporary prose] *Pisatel' nachinaet*. , noye ime-na v sovremennoi proze. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike VI Seriya; Literatura i iskusstvo, no. 5)

Mirages. N. Sargovantsev. *Okhadr* 42 no. 3:201-210 M '66

Problem of national traditions in Russian literature of the 18th century. P.N. Berkov. *Izv. AN SSSR, Ser. lit. i iaz.* 25 no. 1:25-30 Ja-F '66

Skerin, M.R. [On the skills of writers] *O masterstve pisatel'*. 2, dop. izd. [Moskva] Moskovskii tabochil, 1965. 258 p

RUSSIAN LITERATURE—PERIODICALS

To measure by the depth of the Volga. L. Kriachko. *Okhadr* 42 no. 3:197-199 M '66

RUSSIAN MUSICIANS see Musicians, Russian

RUSSIAN NEWSPAPERS

(see also subdivision under Baikal Lake region)

Development of new meanings of words and their use in the language of newspapers ("yubezh", "razgovor", "and "mala"). L.I. Rakhmanova, N.I. Formanovskaya. *Vest. Mosk. un. Ser. 7: Filol., zhur.* 20 no. 6:78-91 N-D '65

From the pages of cooperative society newspapers. V. Filippov. *Sov. poireb koop.* 10 no. 3:62-63 M '66

"Okopnaya pravda" in the struggle for the masses of soldiers during the preparation for and execution of the October Revolution. M.I. Alekseeva. *Vest. Mosk. un. Ser. 7: Filol., zhur.* 20 no. 6:47-55 N-D '65

Our Soviet press: facts and figures. *Agitator* 33 no. 7:44-45 Ap '65

"Pravda," a militant assistant of the party in the organization of socialist competition on the collective farms of Moscow Province in 1933 and 1934. A.F. Galkina. *Uch. zap. MOPI* 110 77-110 '63

Vital processing of renewing the Soviet press and the reader (influence of the reader on journalistic quest). R.M. Lamp'yskaia. *Vest. Mosk. un. Ser. 7: Filol., zhur.* 20 no. 6:3-11 N-D '65

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles] *Let. gazet. st.* no. 3 '66

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] *Let. zhur. st.* nos. 6, 9-12 '66

RUSSIAN PLAIN see East European Plain

RUSSIAN PLATFORM—EPIGENESIS (GEOLOGY)

Kopelovich, A.V. [Epigenesis of the old series in the southwestern part of the Russian Platform] *Epigenes drevnikh tolekh jugo-zapada Russkoi platformy*. Moskva, Nauka, 1965. 310 p. (Akademiya nauk SSSR. Geologicheskii institut. Trudy, no. 121)

RUSSIAN PLATFORM—FAULTS (GEOLOGY)

Ancient Pre-Cambrian faults in the southern Russian Platform and their extension in the northern Black Sea region. A.V. Chekunov, I.A. Garkalenko, G.E. Kharchenko. *Geofiz. sbor.* no. 3:24-34 '65

RUSSIAN PLATFORM—FORAMINIFERA, FOSSIL

Kuznetsova, K.I. [Late Jurassic boreal foraminifera and their development on the Russian Platform] *Pozdnejurasskie boreal'nye foraminifery i ikh razvitiye na Russkoi platforme*. Moskva, Nauka, 1965. 97 p. (Akademiya nauk SSSR. Geologicheskii institut. Trudy, no. 142)

IGRAPHIC

European
P. Semenenko.

ents in the
Solontsov,
no. 1:70-77

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A.

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, 1966.

RUSSIAN PLATFORM—ROCKS, IGNEOUS

Trap igneous activity in the Rhiphean and Vendian in the central and eastern areas of the Russian Platform. V.V. Kuznetsov. *Dokl. AN SSSR* 187 no. 1:162-165 M '66

RUSSIAN POETRY

The springs of poetry. M.I. Apelin. *Knizh. tovg.* 17 no. 1:34-35 Ja '66

RUSSIAN POETRY—ADDRESSES, ESSAYS, LECTURES

Antokol'skii, P.G. [Ways of the poets; sketches] *Puli puelov, ocheiki*. Moskva, Sovetskii pisatel', 1965. 470 p. (NIC)

RUSSIAN POETRY—HISTORY AND CRITICISM

Stepanov, N.L. [Nekrasov and Soviet poetry] *Nekrasov i sovetskaya poezia*. Moskva, Nauka, 1966. 238 p.

RUSSIAN SATELLITES see Communist countries

RUSSIAN SOCIAL DEMOCRATIC PARTY

(see also subdivision under Kazakhstan; Moscow Government)

[Bolshevik party in the revolution of 1905-1907; consultations, methodological advice] *Partiya bol'shevikov v revoliutsii 1905-1907 godov, konsultatsii, metodicheskie sovety*. [Moskva] Moskv. tabochil, 1966. 100 p. (V pomoshch' izuchaiushchimi istoriiu KPSS, tema 3)

Bolsheviks and the movement of the government employees of lower ranks, 1913-1914. I.S. Rozental'. *Ist. SSSR* 10 no. 2:142-150 M-Ap '66

L'vov, Universitet. [Along Lenin's road; on the 60th anniversary of the 2d Congress of the Russian Social Democratic Party] *Lenins'kym shlikhom, do 60-richchia II z'izdu RSDRP*. [L'viv] 1963. 320 p. (CAOTU)

New materials on the Russian delegation at the London Congress of the Second International. V.E. Nevler. *Ist. SSSR* 10 no. 2:84-93 M-Ap '66

Richard Pipes assesses the facts of history. R.A. Kazakevich, F.M. Suslova. *Ist. SSSR* 10 no. 1:190-213 Ja-F '66

V.I. Lenin and the "united conference" in Brussels. S.S. Shaumian. *Ist. SSSR* 10 no. 2:27-33 M-Ap '66

RUSSIAN STUDIES

(see also subdivision under Europe, Eastern; Great Britain, United States)

Work of societies for friendship with the Soviet Union in foreign countries. A.E. Ioffe. *Vop. ist.* 41 no. 3:15-30 M '65

RUSSIAN TECHNICAL ASSISTANCE see Technical assistance, Russian

RUTHENIA see Transcarpathia

RUTHENIUM ISOTOPES

Behavior of cobalt 60 and ruthenium 106 in reservoirs with slow circulation. V.I. Ivanov. *Trudy Inst. biol. UFAN SSSR* no. 46:71-75 '65

RUZSKII, MIKHAIL DMITRIYEVICH, 1864-1948

Zoologicheskoe soveshchanie, posviashchennoe 100-letliu so dnia rozhdeniya Mikhaila Dmitriyevicha Ruzskogo. [Reports of the Zoological Conference Dedicated to the 100th Anniversary of the Birth of Mikhail Dmitriyevich Ruzskii] *Doklady*. Tomsk, Izd-vo Tomskogo univ., 1964. 281 p.

RYAZAN PROVINCE—BUCKWHEAT

A highly-profitable crop. A.N. Karlin. *Zemedeife* 20 no. 1:30-40 Ja '66

RYBINSK—WOMEN IN THE MACHINERY INDUSTRY

Our Maria Ivanovna. L. Gaevskii. *Sov. profsoyuz* 22 no. 4:21 F '66

RYBINSKIY DISTRICT—TILLAGE

Use cultivation practices in an effective manner. G.N. Nikulin. *Zemedeife* 28 no. 2:33-35 F '66

RYE

Study of swelling and water-soluble carbohydrates of winter rye. V.F. Golentov, G.D. Traubenberg. *Prikl. biokhim. i mikrobiol.* 2 no. 1:27-38 Ja-F '66

RYE—GENETIC RESEARCH

Catalase activity and quality in diploid and tetraploid rye. S.M. Sokolova, E.A. Zhebrak. *Genetika* no. 1:41-44 Ja '66

RYLENKOV, NIKOLAI IVANOVICH, 1909-

Fifth season. Vladimir Osinin. *Sov. voen* 47 no. 10:28 O '65

RYSHKANY DISTRICT—TRICHINA AND TRICHINOSES

Sources of trichinosis in Ryshkany District, Moldavian S.S.R., and measures for their eradication. V.F. Shmonova-Tsaralunge. *Trudy Kish. gos. med. inst.* 14:187-188 '61

SAFAVIDS

From the history of social movements in cities of the Safavid state, the Nukhtavi movement. K.K. Kuteisa. *Nar. Az. i Afr.* no. 2:69-75 '66

SAFLORITE see subdivision under Dnieper Valley

SAGE

Synthesis of 19-optimonol. P.P. Vlad. A.G. Russo. (Iazur'evskii. Khim. prikl. od. soed. 2 no. 1:20-32 '66

SAIGA see subdivision under Turkmenistan

SAILORS (NAVY)

Following the steps of fathers. I. Kashkadamov. *Sov. profsoyuz* 22 no. 3:22-23, 34-35 F '66

Men of the "Polukhin." IU. Morozov. *Sov. voen* 47 no. 22:20-21 N '65

People of a restless constitution. N. Radchenko. *Sov. voen* 48 no. 7:6-7 Ap '66

ST. HELENA—GEOMORPHOLOGY

Characteristics of the relief of St. Helena. V.F. Zorachenko. *Izv. Vses. geog. ob-va* 98 no. 1:77-79 Ja-F '66

ST. VITUS'S DANCE see Chorea

SAKA see subdivision under Syi Daiya Valley

SAKHALIN—BAMBOO

Protective role of kuril bamboo stands. A.N. Lashkov. *Vest. sel'khoz. nauki* 10 no. 6:97-106 Jo '65

SAKHALIN—FISHERIES

New achievements of fishing collectives of Sakhalin. A. Tananov. *Ryb. khoz.* 42 no. 2:87 '66

SAKHALIN—FISHERIES—FINANCE

Potentialities of the fishing industry. N. Kiylova. *Fin. SSSR* 10 no. 3:64-68 M '66

SAKHALIN—MAPS

Map of southern Sakhalin. A.I. Alekseev. *Priroda* no. 98:101 F '66

SAKHALIN—ROCKS

Physical properties of rocks of southern Sakhalin. M. Skorikova. *Razved. geofiz.* no. 7:39-47 '65

SAKHALIN—TRADE UNIONS

Raise public-spirited persons. V. Borodin. *Sov. profsoyuz* 22 no. 4:14-16 F '66

SAKHALIN—TRANSPORTATION, AUTOMOTIVE—MANAGEMENT

Urgent problem. V. Kozlov. *Avt. transp.* 44 no. 2:39 '66

SAKHALIN PROVINCE see Sakhalin

SALAIR (KEMEROVO PROVINCE)—BARITE

Conditions for the granulation of the Salair barite concentrate. A.F. Loshkin, A.L. Sofronov. *Ghor. nauch. trud. Peim. politekh. inst.* no. 10:161-168 '61

SALAMANDERS

Reproduction of the spotted salamander (*Salamandra atra* L.) and its relation to the environment. N.A. Poluhina. *Zool. zhur.* 45 no. 1:144-146 '66

SALES

L'vovich, IU. IA. [Protection of buyers' interests] *Okhrana interesov pokupatelya*. Moskva, Iuridicheskii liternurn, 1966. 222 p.

SALICYLIC ACID

Mixed salicylic acid complexes of rare-earth elements. N.S. Poluektov, V.T. Mishaenko. *Zhur. neorg. khim.* 10 no. 10:2275-2281 O '65

SALINE AND ALKALI SOILS see subdivision under Karabakh Steppes

SALINE WATERS—DEMINEERALIZATION

Atomic energy and the distillation of saline waters. IU. Koriatkin, A.A. Loginov. *Atom. energ.* 20 no. 3:232-2 Mr '66
First International Symposium on the Distillation of Salt Water. A. Loginov. *Atom. energ.* 20 no. 2:178-179 F '66

SALINITY see subdivision under Azov, Sea of; Black Sea; Caspian Sea; Kuul, Lake

SALINITY—PHYSIOLOGICAL EFFECT

Survival of some pelagic copepods of the Black and Mediterranean Seas in waters of different salinity. A.V. Kovalev. *Gidrobiol. zhur.* 2 no. 1:43-48 '66

SALISHCHEV, KONSTANTIN ALEKSEEVICH, 1905-

Anniversary of K.A. Salishchev, an outstanding cartographer. *Geod. i kart.* no. 11:57-59 N '65

SALIVA—ANALYSIS

Incorrect collection and forwarding of saliva specimens as a source of error in expert opinion. E.G. Gershteyn. *Sud.-med. eksp.* 9 no. 1:16-17 Ja-Mr. '66

SALIVARY CALCULI see Calculi, Salivary

SALMON see subdivision under Luveng River

SALMONELLA—CULTURES AND CULTURE MEDIA

Acquired resistance to levomycetin and variability of *Escherichia coli* and *Salmonella typhi* under conditions of continuous flow culturing. A. N. Kovalevskaya. *Antibiotiki* 11 no. 3:242-241 Mr '66.

Effect of acriflavine on the frequency of colicinogenic factor 1 transfer in *Salmonella typhimurium* V. G. Likhoded, T. B. Padanko. *Mikrobiologiya* 34 no. 6 1041-1048 N-D '65

Induction of autoagglutination by 5-bromonitroacetic acid in *Salmonella typhimurium* LT2. A. G. Skvortsova, V. N. Potemovskii. *Genetika* no. 1:77-81 Ja '66

SALMONELLA INFECTIONS

Clinical characteristics of salmonellosis caused by various types of *Salmonella*. G. V. Voronova. *Sov. med.* 23 no. 2:55-58 F '66.

Course of *Salmonella bracon* infection in patients with helminthiasis. T. S. LA. Minnsburg. *Trudy Kish. gos. med. inst.* 14:159-162 '61.

SAL'SK DISTRICT—BOOKSTORES

The good name of a bookstore. G. Kolesnikov. *Knizh. torg* 16 no. 12:23 D '65.

SALT

Complex processing of table salt. Part 1: New flow sheet for the complex processing of table salt. M. G. Mamvlian, G. O. Grigorian, S. S. Karapanchian. *Izv. AN Arm. SSR, Khim. nauki* 17 no. 5:573-576 '64.

Morphological study of plastically deformed halite crystals. I. I. Afanas'ev, V. A. Mokisevskii. *Zap. Vses. min. ob-va* 95 no. 1:18-20 '60.

Platform for storing and dissolving salt. A. V. Ivanchov. *Energetik* 14 no. 3:26 M '66.

SALT—TRANSPORTATION

Ways of improving the transshipping of salt. I. U. Nikitin. *Rech. transp.* 23 no. 8:10-17 Je '64.

SALT DEPOSITS see subdivision under Caspian Lowland; Siberian Platform; Volgograd Province

SALT DOMES see subdivision under Tajikistan

SALTPETER

Effect of an explosion on a substance. Dynamic compression of potassium nitrate. S. S. Baisanov and others. *Fiz. gor. i vzi. ya* no. 4:78-82 '65.

SALTS

Effect of salts on the liquid-vapor equilibrium of 78% ethyl alcohol. V. F. Sergeeva, M. A. Mishchenko. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4:7-12 O-D '64.

Metastable equilibria in studying the crystallization processes in salts from sea water, lake brines and derived alkalies belonging to a quaternary reciprocal system of the marine type. I. U. Aitaberdiev. *Uch. zap. Turk. gos. un.* no. 28:39-50 '64.

SALTS—PHYSIOLOGICAL EFFECT

Effect of various salts on *Azotobacter chroococcum* and *Azotobacter galophilum*. N. M. Babak. *Mikrobiologiya* 35 no. 1:162-167 Ja-F '66.

SALTYKOV, MKHAILEV GRAFOVICH, 1926-1980

Prozorov, V. V. [Literary thought of a writer and satirist; studies on the creative process of M. E. Saltykov-Shchedrin] O khudozhestvennom myslenii pisatel'satirika; nabludeniya nad tvorcheskimi protsessami M. E. Saltykova-Shchedrina. Pod red. E. I. Pokusnaya. [Saratov] Izd-vo Saratovskogo univ., 1965. 87 p.

SALVAGE (WASTE, ETC.)

Using the electrolysis method for obtaining metallic tin. N. Rudakova. *Mias, ind. SSSR* 37 no. 1:37 '60.

SAMARIUM ISOTOPES

Lifetime of the first excited state of Sm^{140} . E. E. Berlovich and others. *Izv. AN SSSR, Ser. fiz.* 30 no. 2: 194-197 F '66.

SAMARKAND—HOTELS, TAVERNS, ETC.—DESIGN AND CONSTRUCTION

"Inturist" hotel in Samarkand. O. Aidinova. *Stroi. i arkh.* 6 no. 8:22-23 Je '65.

SAMARKAND—TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS

Creativeness. D. Gerasov. *Ekon. i zhizn'* 8 no. 1:31-33 Ja '66.

SAMARKAND—WAGES—FERTILIZER INDUSTRY

We are preparing for work under the new conditions. A. Geis. *Sots. trud* 11 no. 3:31-32 Mr '66.

SAMBORSKAYA, LINA SEMENOVNA

Lina Semenova Samborskaya. D. Delamov. *Teatr* 20 no. 7:107-119 Ji '65.

SAMPLERS

Some problems of the theory of integral samplers. V. A. Gusev, P. A. Moroz, V. B. Povzner. *Trudy VNIIRKafé-gaz* no. 1:250-259 '65.

SAN JOSÉ SCALE see subdivision under Moldavia

SANATORIUMS see subdivision under Kuchino (Moscow Province), Odessa, Tai Khovka (Leningrad Province)

SAND

Automatic hydraulic classification plant for enriching construction sand. P. S. Erindaev and others. *Stroi. mat.* 12 no. 3:34-36 Mr '66.

Citation of sand compactness in the foundation beds. O. M. Roznikov. *Gid. stroi.* 36 no. 2:47-18 F '66.

Stabilization of loose petroleum-bearing rocks in foreign countries. B. A. Amelin. *Nef. khoz.* 43 no. 12:65-67 D '65.

SAND—TRANSPORTATION

Extend the life of bucket cranes used in the loading of sand. V. Kaimazo. *Rech. transp.* 23 no. 6:22 Je '64.

SAND, FOUNDRY

(see also subdivision under Uzbekistan)

Olive mixtures with soluble glass. A. F. Vlasov. *Lit. proizv.* no. 2:41-42 F '66.

Using the method of tube blow in condensing molding sand in flasks with molds. G. I. Bobrikov, A. S. Korol'enko, B. V. Itabovich. *Avt. prom.* 32 no. 2 11-13 F '66.

SAND, FOUNDRY—ADDITIVES

Improving the knockout properties of sand mixtures with soluble glass. V. V. Vinokurov and others. *Lit. proizv.* no. 2:25-27 F '66.

SAND-LIME PRODUCTS—CONGRESSES

Seminar on sand-lime materials. *Stroi. mat.* 12 no. 3: 37-38 Mr '66.

SANDWICH CONSTRUCTION

Axial compression of sandwich cylinders and panels with a crimp filler in the presence of elastic ribs. B. A. Panasenok. *Samoletost. i tekhn. voz. d. flota* no. 4:52-61 '65.

SANDY SOILS

Establishing highly productive grasslands on sandy soils in the southeast. A. E. Ivanov, O. A. Zolfort. *Vest. Sel'khoz. nauki* 10 no. 7:41-46 Ji '65.

Polyacrylamide and the stabilization of shifting sands. V. S. Gubal. *Vest. sel'khoz. nauki* 10 no. 7:33-37 Ji '65.

SANGUINARINE—PHYSIOLOGICAL EFFECT

Pharmacology of sanguinarine, an anticholesterolaemic alkaloid. B. S. Nikol'skaya. *Farm. i toks.* 29 no. 1:76-78 Ja-F '66.

SANITARY ENGINEERING—EQUIPMENT AND SUPPLIES

Caking bodies for the manufacture of building materials for sanitary engineering. E. S. Butyleva, I. A. Bulavin. *Stek. i ker.* 23 no. 3:26-28 Mr '66.

Glue in elements of sanitary engineering systems. V. Obvintsov. *Stroi. i arkh.* 14 no. 1:30-32 Ja '66.

SAPONINS

Phytochemical study of the soapberry *Sapindus mucronatus*. Report No. 4: Study of the saponins of soapberry. N. I. Zykova, P. E. Kryuchuk. *Paimatev. zhur.* 20 no. 4 27-30 '66.

SAPONITE see subdivision under Dnieper Valley

SAPPHIRES

Thermovacuum treatment of high-melting extra-hard chemical compounds, aluminum oxide. K. V. Savitskii and others. *Izv. vys. ucheb. zav., mashinost.* no. 1: 163-167 '66.

SAPROPELITES see subdivision under Irkutsk Basin

SARAI (RYAZAN PROVINCE)—BOOKSTORES

Our popular bookstore. A. Kulikov. *Knizh. torg* 16 no. 12:21 D '65.

SARATOV—LIBRARIES

Saratov. *Universitet. Nauchnaya biblioteka*. [Guide-book to the Academic Library of Saratov University] Putevoditel'. [Saratov] Izd-vo Saratovskogo univ., 1959. 53 p., fold. chart., facsim. (NN)

SARATOV—POTTERY, PRIMITIVE

A settlement of the Bronze Age in Saratov. I. U. V. Derevina. *Gid. Sov. arkh.* 10 no. 2:287-298 '66.

SARATOV PROVINCE—BOOKSELLERS AND BOOKSELLING

Bookselling and the Soviets. A. Bochkarev. *Knizh. torg* 17 no. 3:1-3 Mr '66.

SARATOV PROVINCE—CHILDREN—MANAGEMENT

Results of a two-year work. V. Persova, B. Lisevskii. *Nar. obr.* no. 3:71-73 Mr '66.

SARATOV PROVINCE—LIBRARIES AND READERS

Alliance of labor and science. M. Bogadel'shchikova. *Bibliotekar'* 43 no. 3:12-13 M '66.

SARATOV PROVINCE—OIL WELL DRILLING

Success factors. I. U. Rogozin. *Nef. i gaz* 10 no. 12:22-23 D '65.

SARATOV PROVINCE—TECHNOLOGICAL INNOVATIONS

Vershinnin, P. F., and V. F. Noritsin. [Forms of progressive practice in industry and their economic effect] Formy peredovogo opyta v promyshlennosti i ego ekonomicheskaya effektivnost'. [Saratov] Saratovskoe knizhnoe izd-vo, 1963. 23 p. [MICROFILM]

SARATOV PROVINCE—TRACTORS—MAINTENANCE AND REPAIR

Vizgalin, V. I., D. G. Vadvasov, and I. U. D. Pashin. [Repairing tractors on a line] Remont traktorov na poloke. [Saratov] Saratovskoe knizhnoe izd-vo, 1963. 34 p. [MICROFILM]

SARCOLYSINE

Some biochemical characteristics of the Jensen's sarcoma with acquired resistance to sarcolysine. N. A. Orshinikova, M. A. Novikova, G. L. Zhdanov. *Dokl. AN SSSR* 157 no. 1:219-221 M '66.

SAREZ LAKE REGION—BOTANY

Flora of the Lake Sarez region of Badkhashan and its relation with the flora of the Pamirs. I. U. D. Gusev. *Bot. zhur.* 51 no. 1:64-73 Ja '66.

SARMATIAN ANTIQUITIES

Notes on Scythian and Sarmatian archaeology. B. N. Gakov. *Mit. i issl. po arkheol. SSSR* no. 130:215-219 '65.

SARYAGACH (KAZAKHSTAN)—RURAL CONSTRUCTION

What worries rural builders. A. Malykhin. *Nar. khoz. Kazakh.* 24 no. 2:47-50 F '65.

SASSAFRAS

Structure of the leaf epidermis in recent and fossil representatives of the genus *Sassafras* (Lauraceae). N. N. Imkhanitskaya. *Bot. zhur.* 51 no. 1:74-82 Ja '66.

SAUERKRAUT

Dill pickled cucumbers and sauerkraut. M. Gurevich. *Zakup. sel'khoz. prod.* no. 1:63-64 Ja '66.

SAUREL see subdivision under Indian Ocean

SAURY see subdivision under Soviet Far East

SAUSAGES see subdivision under Bryansk

SAVICH, TAT'IANA

Tat'iana Savich. *L. Naska. Teatr* 27 no. 1:101-102 Ja '66.

SAVING AND INVESTMENT see subdivision under India

SAVING AND THRIFT

(see also subdivision under Uzbekistan)
For economy and thrift: survey of articles and correspondence received by the editor. *Fin. SSSR* 10 no. 3: 76-83 Mr '66.

SAVINGS BANKS see subdivision under Armenia, Vladimir Province

SAVINGS BANKS—ACCOUNTING

Machin accounting in savings banks. V. Kiselevskii. *Dokl. kred.* 24 no. 3:67-71 Mr '66.

SAWING

Increasing the output of dimensions for carpentry use in the sawing of logs and planks by various methods. I. P. Kozhevnikov. *Der. prom.* 15 no. 3:6-8 Mr '66.

Producing fine chips instead of sawdust in sawing. I. P. Ostrovnikov. *Bum. prom.* no. 2:19 F '66.

SAWMILLS—BY-PRODUCTS

Production of technological chips from sawmill wastes. N. A. Serov. *Der. prom.* 15 no. 3:18-22 Mr '66.

SAWMILLS—DESIGN AND CONSTRUCTION

Some principles underlying the designing of a sawmilling enterprise with overall mechanization and automation of the production line. V. I. Bol'sko, S. S. Vlasov, V. I. Kaplan. *Der. prom.* 15 no. 2:15-18 F '66.

SAWS

Device for holding broken blades. V. M. Ermishin. *Shkola i proizv.* 9 no. 3:75-76 Mr '66.

Gang saw for sawing blocks into frames. E. M. Balakhovskii. *Der. prom.* 15 no. 2:26-27 F '66.

Substantiation of the standard type of disk saws for stonecutting machinery. B. M. Rodin, M. Sh. Liandres, G. Or., *stroi. i dor. mash.* no. 2:95-92 '65.

SAWS—TESTING

Testing the tensioning of circular saws by the measurement of deflections along the disc circumference. M. M. Teremina. *Der prom* 15 no. 3:12-14 Mr '66.

SAYAN MOUNTAIN REGION—FOREST ECOLOGY

Phytocenotic characteristics of some associations of the taiga belt in the Eastern Sayan. G. A. Zvereva. *Rast. pokr. Kras. kraia* no. 2:234-235 '65.

SAYAN MOUNTAINS—DESCRIPTION AND TRAVEL

The Sayan Mountains are far from the sea... I. U. Nosov, V. Zhidakov. *Sov. voim* 47 no. 22:44-45 N '65.

SAYAN MOUNTAINS—GEOLOGICAL TIME

Absolute age of granitoids in the Olkhovskiy complex (Eastern Sayan). G. V. Poltavov and others. *Geol. i geofiz.* no. 9:22-31 '65.

SAYAN MOUNTAINS—GEOLOGY

Geology and structural characteristics of the Anzas iron ore deposit (Western Sayan Mountains). G. S. Rumiantsev, Sh. D. Kurtsralte. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 1:58-64 Ja-F '66.

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Stratigraphy and fauna of the Karagasskaya series of the Early Paleozoic in the Eastern Sayan Mountains. A. L. Dodin, L. P. Pirozhnikov. *Dokl. AN SSSR* 166 no. 5:1169-1172 F '66.

SAYAN MOUNTAINS—ORE DEPOSITS

Geology and structural characteristics of the Anzas iron ore deposit (Western Sayan Mountains). G. S. Rumiantsev, Sh. D. Kurtsralte. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 1:58-64 Ja-F '66.

SAYAN MOUNTAINS—PALEONTOLOGY, STRATIGRAPHIC

Stratigraphy and fauna of the Karagasskaya series of the Early Paleozoic in the Eastern Sayan Mountains. A. L. Dodin, L. P. Pirozhnikov. *Dokl. AN SSSR* 166 no. 5:1169-1172 F '66.

SAYAN MOUNTAINS—PHYTOGEOGRAPHY

Zonality of the vegetation in the western part of the Eastern Sayan. A. V. Kuminova. *Rast. pokr. Kras. kraia* no. 2:5-23 '65.

SAYAN MOUNTAINS—PROSPECTING—GEOPHYSICAL METHODS

Nature of various correlations between geophysical anomalies and geological structure as revealed by a study in the Altai-Sayan fold area. V. S. Sukov. *Geol. i geofiz.* no. 9:12-21 '65.

SAYAN MOUNTAINS—ROCKS, SEDIMENTARY

Cambrian volcanic sedimentary formations of the Western Sayan Mountains. V. V. Valinskii, A. P. Shcheglov. *Geol. i geofiz.* no. 9:32-43 '65.

SCALP—DISEASES

Treatment of Microsporum infections of the scalp. V. E. Ziserman. *Vest. derm. i ven.* no. 6:72-73 '65.

SCALP—WOUNDS AND INJURIES

Thermal burns of the scalp. L. G. Selezneva, T. A. Khussain Abdel'fatakh. *Klin. khir.* no. 4:47-49 '65.

SCANDINAVIA—MOUNTAINS

Influence of the Scandinavian Mountains on the evolution and displacement of cyclones at the earth's surface. A. N. Mertsalov. *Meteor. i gidrol.* no. 4:12-18 Ap '66.

SCANDIUM

Interaction of manganese oxides with scandium in air. L. N. Komissarova, B. I. Pokrovskii, I. S. Shaplygin. *Izv. AN SSSR, Neorg. mat.* 2 no. 2:275-280 F '66.

Scandium sorption from aqueous acetone solutions of some mineral acids. G. D. Brytina, I. P. Alimarin, T. A. Bellavskaya. *Radiokhim. i at. no. 1:110-112 '65.*

SCANDIUM—METALLURGY

Behavior of scandium during treatment of zircon concentrates. L. V. Favor'skaya, V. A. Peresnetsova, A. D. Muldagulova. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4:23-28 O-D '64.

SCANDIUM CHLORIDES

Physicochemical study of the system $\text{ScCl}_3 - \text{MCl}$. Report No. 2; Feasibility diagram of the system $\text{KCl} - \text{ScCl}_3$. N. I. A. Fedorov, E. S. Petrov. *Izv. SO AN SSSR* no. 11, Ser. khim. nauk no. 3:154-155 '64.

SCANDIUM COMPOUNDS

Binary sulfates of scandium, alkali metals, and ammonium. B. N. Ivanov-Emin and others. *Zhur. neorg. khim.* 11 no. 3:511-515 Mr '66.

SCANDIUM FLUORIDE

System $\text{Li}^+, \text{Ca}^{2+}, \text{Sc}^{3+} \parallel \text{F}^-$. E. P. Bebaeva, G. A. Bukharova. *Zhur. neorg. khim.* 11 no. 3:648-651 Mr '66.

SCANDIUM OXIDE

Mass spectrometric study of scandium oxide evaporation. G. A. Semenov. *Zhur. neorg. khim.* 10 no. 10:2390-2391 O '65.

Phase diagram of the system $\text{Sc}_2\text{O}_3 - \text{Cl}_2\text{O}_3$. S. G. Tsvetovskii, V. N. Pavlov, L. M. Lopatin. *Izv. AN SSSR, Neorg. mat.* 2 no. 2:269-274 F '66.

SCANDIUM SALTS

Reaction of scandium salts with ammonium fluoride. B. N. Ivanov-Emin, T. N. Susanna, L. A. Ogorednikova. *Zhur. neorg. khim.* 11 no. 3:504-510 Mr '66.

SCAPHOID BONE—RADIOGRAPHY

Results of clinical X-ray analysis of traumas of the scaphoid bone of the wrist. I. F. Bogolavenskii. *Sbor. nauch. rab. vrachei Kar. ASSR* no. 4:147-151 '62.

SCAPHOID BONE—WOUNDS AND INJURIES

Results of clinical X-ray analysis of traumas of the scaphoid bone of the wrist. I. F. Bogolavenskii. *Sbor. nauch. rab. vrachei Kar. ASSR* no. 4:147-151 '62.

SCARABAEIDAE see subdivision under Crimea

SCARLET FEVER

Prevention of recurrent scarlet fever by vaccine therapy (electrophoretic method). P. A. Alisov and others. *Sov. med.* 27 no. 5:13-16 My '64.

SCATTERING (PHYSICS)

Asymptotic behavior of the scattering amplitude for potential and field-theoretical scattering. I. U. M. Lomandze, S. S. Tokar'. *Ukr. fiz. zhur.* 11 no. 2:133-141 F '66.

The direct and inverse scattering problems for a partial difference equation. M. S. Eskina. *Dokl. AN SSSR* 166 no. 4:809-812 F '66.

Effect of translucency and diffusivity of the nuclear boundaries on angular distributions of scattered particles. E. Isamatov. *Izv. AN SSSR, Ser. fiz.* 30 no. 2:331-335 F '66.

Ionization and scattering with characteristic energy losses in atomic collisions. V. V. Afrosimov and others. *Zhur. tekhn. fiz.* 39 no. 1:123-131 Ja '66.

Restrictions on the imaginary part of the scattering amplitude at high energies. V. S. Popov, V. D. Mur. *Iad. fiz.* 3 no. 3:551-558 Mr '66.

Self-luminescence of a scattering layer. D. P. Zego. *Dokl. AN SSSR* 166 no. 1:15-17 Ja '66.

SCHEDULING (MANAGEMENT)

What is SPU (network planning and management)? M. I. Ipatov, A. V. Proskuriakov. *Mashinost. otel'* no. 3:2-5 Mr '66.

SCHLITTE see subdivision under Uzbekistan

SCHIFF BASES

Azomethine bases. Part 5: Effect of the structure on the polarographic characteristics of some azomethine derivatives of aniline and benzidine and of some of their chloro-substituted compounds. V. N. Dmitrieva and others. *Zhur. ob. khim.* 36 no. 3:405-410 Mr '66.

Complex compounds of metals with some nitrogen-containing ligands. Part 2: 1-Methylimidazole-3-aldehyde anils and their copper complexes. A. D. Garmovskii and others. *Zhur. ob. khim.* 36 no. 2:328-332 F '66.

Synthesis of new anils of the heterocyclic and aromatic series. I. U. A. Zhdanov and others. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 8 no. 6:954-958 '65.

SCHIFF BASES—SPECTRA

Azomethine bases. Part 4: Synthesis and study of the absorption spectra of o-toxyaminobenzaldehydes. B. M. Bolotin, B. M. Krasovitskii. *Ukr. khim. zhur.* 32 no. 1:56-60 '66.

SCHIRMACHER PONDS, ANTARCTICA—DIATOMS

Diatom flora of the Schirmacher Ponds. Z. V. Alekhinskaya, V. I. Bardin. *Inform. biol. Sov. antark. eksp.* no. 54:47-49 '65.

SCHIRMACHER PONDS, ANTARCTICA—GLACIERS

Orientation of glacial striation in the Schirmacher Ponds. V. G. Aver'yanov. *Inform. biol. Sov. antark. eksp.* no. 54:40-42 '65.

SCHIRMACHER PONDS, ANTARCTICA—RADIOACTIVITY

Natural radioactivity of the Schirmacher Ponds. N. N. Eremin. *Inform. biol. Sov. antark. eksp.* no. 55:37-39 '65.

SCHIZOPHRENIA

(see also subdivision under Ukraine)

Differential diagnosis of schizophrenia and its distinction from reactive psychosis. V. D. Titova. *Prak. sudebnopsikh. ekspert.* no. 10:32-38 '65.

Erroneous diagnosis of schizophrenia. E. N. Ozhimkova. *Prak. sudebnopsikh. ekspert.* no. 10:20-24 '65.

Forensic psychiatric evaluation of pseudopsychopathic remissions in schizophrenia. V. K. Stasiuk. *Prak. sudebnopsikh. ekspert.* no. 10:11-16 '65.

Forensic psychiatric evaluation of schizophrenic remissions in repeated dangerous actions of the patients. L. N. Zernskov. *Prak. sudebnopsikh. ekspert.* no. 10:13-10 '65.

Schizophrenia treatment with amfazin. R. G. Meshki. *Soob. AN Gruz.* 41 no. 1:223-229 Ja '66.

Simulation in schizophrenia. I. U. N. Batkalin. *Prak. sudebnopsikh. ekspert.* no. 10:25-31 '65.

SCHOOL AND COMMUNITY see Community and school

SCHOOL AND HOME see Home and school

SCHOOL DISCIPLINE

Thoughts, discussions, activities... A. Sverbylov. *Prof. tekhn. obr.* 23 no. 3:24-25 M '66.

SCHOOL EXCURSIONS

If there is no school garden... A. Samoilova. *Doshk. vosp.* 39 no. 2:32-33 F '66.

SCHOOL GARDENS

Controlling the plant diseases and pests in a school garden. L. N. Drorodov. *Nach. shkola* 34 no. 3:65, 62 Mr '66.

Development of cognitive interests. N. Postnikova. *Doshk. vosp.* 39 no. 1:36-16 M '66.

School garden in spring. N. Shvalova. *Doshk. vosp.* 39 no. 3:30-10 M '66.

School garden in spring. P. A. Zavitanov. *Nach. shkola* 34 no. 3:62-65 Mr '66.

Working in nature. A. Voevodina. N. Minaeva. *Doshk. vosp.* 39 no. 3:10-12 M '66.

SCHOOL LIBRARIES

Joy of work. V. Naumov. *Sred. spets. obr.* 13 no. 3:33-34 M '66.

Moscow. Public main library. [An aid to children's and school libraries for the year 1966; a collection of methods and bibliographic materials] V. Ponomarev. *Detsk. i shkol'n. biblioteka*, 1966 god, sbornik metodicheskikh i bibliograficheskikh materialov. Moskva, kniga, 1965. 61 p.

SCHOOL LUNCHROOMS, CAFETERIAS, ETC. see subdivision under Dubrovnik District

SCHOOL MANAGEMENT AND ORGANIZATION see subdivision under Tambov Province

SCHOOL SUPERINTENDENTS AND PRINCIPALS

More on working with adults. M. Shum. *Doshk. vosp.* 39 no. 2:107 F '66.

Supervision of a pedagogical collective. G. Sandul. *Prof. tekhn. obr.* 23 no. 2:22-23 F '66.

We approve and support! A. M. Zhigalovskii, V. A. Dantukova. *Sred. spets. obr.* 13 no. 3:18 Mr '66.

SCHOOL SUPERVISION

From the notebook of a principal and the head of the teaching department. Nar. obr. no. 3:53 Mr '66.

Let's improve the organizational and methodological work. A. N. Naumenko. *Sred. spets. obr.* 13 no. 3:20-21 Mr '66.

Main link. V. Turunin. *Nar. obr.* no. 4:29-35 Ap '66.

Organizer, assistant, and adviser. *Doshk. vosp.* 39 no. 2:3-5 F '66.

Role of the methodological committee on specialized subjects in the industrial training of youth. V. Bogusheva. *Sred. spets. obr.* 13 no. 2:34-36 F '66.

Supervision as the leader of a pedagogical collective. *Doshk. vosp.* 39 no. 3:52-53 M '66.

SCHOOL SUPERVISION, SECONDARY

Combined inspections of schools. G. N. Raiko. *Sred. spets. obr.* 13 no. 3:7-10 Mr '66.

SCHOOLCHILDREN—FOOD

Organizing nutrition. B. Iukonene. *Doshk. vosp.* 39 no. 2:28 F '66.

SCHOOLHOUSES

Let's build all schools for September 1st. P. Mlin. *Nar. obr.* no. 3:16-17 Mr '66.

Planning the auditoriums in a technical school. V. V. Kuznetsov. *Sred. spets. obr.* 13 no. 3:14-15 Mr '66.

The summer is getting closer. L. Muzhelevskaya. *Doshk. vosp.* 39 no. 3:35 Mr '66.

SCHOOLHOUSES—DESIGN AND CONSTRUCTION

(see also subdivision under Leningrad)

Principles for setting norms and new methods of evaluating the conditions of solar radiation for school buildings. A. I. Steinberg. *Stroi. i arkhitekt. (sbornik)* no. 2:10-23 '65.

SCHOOLS—FURNITURE, EQUIPMENT, ETC.

(see also subdivision under Finland; Germany, East)

Device for training exercises. K. S. Gorbatov. *Shkola i prof. 10* no. 3:71 M '66.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—CONGRESSES

First Transcaucasian Conference on the History of the Science. D. I. Gordeev. *Vest. Mosk. un. Ser. 4: Geol.* 21 no. 1:114-115 Ja-F '66.

How the libraries of foreign countries acquire the materials of international scientific congresses. K. V. Lizaeva. *Bibliotekoved. i bibliot. ra. rub.* no. 17:70-81 '65.

SCIENCE--INTERNATIONAL COOPERATION

(see also subdivision under Communist countries)
Scientific cooperation of the White Russian S.S.R. with the countries of the socialist commonwealth. M. S. Vainel. Vest. AN SSSR, Ser. khim. nauk. no. 1, 42-51 '66.

SCIENCE--METHODOLOGY

Problem of scientific suppositions in natural sciences. A. Z. Hutso, O. N. Radchenko, Filos. probl. such. prirod. no. 4, 13-14 '65.

SCIENCE--MISCELLANEA

On the periodical "Priroda." S. I. Somov. Priroda 55 no. 3, 126 '66.

SCIENCE--PHILOSOPHY

Dialectical materialism and present-day natural science. F. N. Kaplunenko. Mezhdvuz. filos. sbor. Khim. un. no. 4, 159-172 '61.

For an all-encompassing approach to the philosophical problems of the present-day natural sciences. S. I. Popov, E. N. Chesnokov. Uch. zap. kaf. nar. i. lon. filos. no. 5, 151-156 '65.

SCIENCE--POPULAR WORKS

The "Znanika" Society of the Ukrainian S.S.R. on the eve of the 23d Congress of the CPSU. H. V. Kuzovkov. Ukr. isl. zhur. 10 no. 3, 29-39 Mr '66.

SCIENCE--SOCIAL ASPECTS

Present revolution in science and technology and its social implications under socialism. V. G. Marikhov, I. U. S. Melishechenko. Vop. filos. 20 no. 3, 129-140 '66.

The role of science in socialist society. N. G. Nikolaev. Vop. filos. 20 no. 3, 1-13 '66.

SCIENCE--STUDY AND TEACHING

Relying on the laws of logic. E. Chuevov. Nar. obr. no. 3, 54-55 Mr '66.

SCIENCE AND COMMUNISM see Communism and science

SCIENTIFIC JOURNALISM see Journalism, Scientific

SCIENTIFIC LIBRARIES see subdivision under Leningrad

SCINTILLATION COUNTERS

Activation detector of thermal neutrons. T. V. Tsetsikhadze, V. M. Fel'ker, M. A. Kolonitsaev. Atom. energ. 20 no. 3, 272-273 Mr '66.

Large-size liquid scintillation detectors. A. T. Abrosimov, I. A. I. Blokh, A. A. Pomanskii. Kosm. luch. no. 7, 280-278 '65.

Scintillation counter for fast neutrons. V. A. Muminov, V. F. Babal'manta, A. Kh. Abdurakhmanov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 1, 74-76 '66.

Scintillation counter for cosmic-ray study. A. T. Abrosimov. Kosm. luch. no. 7, 226-230 '65.

Use of scintillation counters in cosmic-ray detectors. A. T. Abrosimov, I. A. I. Blokh, Kosm. luch. no. 7, 240-250 '65.

SCINTILLATION SPECTROMETRY

Coincidence spectrometer with proportional gas-discharge counter. O. I. Orlov, N. S. Shimanukin, I. V. AN SSSR, Ser. fiz. 30 no. 3, 459-465 Mr '66.

Scintillation spectrometer with charged particle discrimination. T. N. Mikhailova and others. Izv. AN SSSR Ser. fiz. 30 no. 3, 313-340 Mr '66.

SCLEROSIS

Case of isolated sclerotic of the fibrous ring of the mitral valve. E. M. Koinatir. Sbor. nauch. rab. vrachei Kar. ASSR no. 4, 105-108 '62.

Lesion of the nervous system in hyperinsulinism (syndrome of lateral amyotrophic sclerosis in adenoma of the pancreas). I. S. Avonukh, V. L. Efimenko, Zhur. nerv. i polkh. 66 no. 3, 445-450 '66.

Pathomorphological afferent innervation of the lungs in pneumosclerotic of various etiology. I. M. Isaev. Azerb. med. zhur. 43 no. 3, 49-56 Mr '66.

SCOTCH PINE

Effect of the stroke width on the changes in Scotch pine growth. I. A. G. Drozhnev. Gidroliz. i lesokhkh. prom. 10 no. 2, 18 '66.

SCRAP METALS

(see also subdivision under Ukraine)

Overall mechanized processing of scrap metals. E. V. Adamovskii, V. A. Iatsenko. Mekh. i avtom. prozv. 20 no. 2, 16-18 F '66.

Regularities of the hot and cold pressing of steel scrap. S. I. Stepanov. Porosh. met. 6 no. 2, 27-30 F '66.

Utilizing tool steel waste. D. P. Solivanov, M. G. Kozulin. Vest. mashinost. 46 no. 2, 65-66 F '66.

SCREW CUTTING

Thread cutting in aluminum. V. N. Sharypov. Trudy Ural. elektromekh. inst. inzh. zhol. dor. transp. no. 10, 180-187 '65.

SCREWS

Device for screw thread cutting. K. Smirnov. Tekh. v sel'khoz. 26 no. 2, 84 F '66.

SCRUBBER (CHEMICAL TECHNOLOGY)

Regularity of the process of dust collection in unilow packed scrubbers. V. M. Kostin, K. N. Shabalin. Khim. prom. 42 no. 3, 204-209 Mr '66.

Using the condensation effect for increasing the dust collecting capacity of a foam apparatus. A. I. U. Val'dberg, M. M. Zaitsev. Khim. prom. 41 no. 11, 845-856 N '65.

SCULPTURE, AFRICAN

"The gravity principle" in African sculpture. V. I. Matvei. Nar. Az. i Afr. no. 2, 148-157 '66.

SCULPTURE, ANCIENT see subdivision under Black Sea region

SCULPTURE, PRIMITIVE see subdivision under Chechen-Ingush A.S.S.R.

SCURVY PEA see Peas and

SCYTHIAN ANTIQUITIES

(see also subdivision under Cheikassy Province; Dambie Valley)

An inscription on a deer? Apropos of a publication. M. P. G. Iaznov, S. G. Kitashoray. Nar. Az. i Afr. no. 2, 131-133 '66.

Notes on Scythian and Sarmatian archaeology. B. N. Griakov. Mat. i issl. po arkheol. SSSR no. 130, 216-219 '65.

The ritual aspects of the Scythian and pre-Scythian period. V. A. N. N. N. Mat. i issl. po arkheol. SSSR no. 130, 206-211 '65.

SCYTHIANS

The social system of the Scythians. A. I. Terenozhkin. Sov. arkheol. 10 no. 2, 33-40 '66.

SEA FOOD

The apotetic effect of a diet containing seafood in coronary atherosclerosis. E. G. Patamonova and others. Sov. med. 20 no. 2, 11-15 F '66.

SEA ICE see subdivision under Mirny Station region, Antarctica; Polar regions; see subdivision 'Ice' under Antarctic Ocean

SEA ICE--TESTING see subdivision under Mirny Station region, Antarctica

SEA ICE DRIFT

Correlation method of processing information data on ice drift. Z. M. Gudkovich. Probl. Arkt. i Antark. no. 2, 56-59 '65.

Some problems of determining ice drift with the use of aerial photographic surveying. V. G. Zdanovich, I. U. D. Shal'kov. Probl. Arkt. i Antark. no. 2, 91-98 '65.

SEA LEVEL

(see also subdivision under Yellow Sea)

Natural variability of sea level in prognostic practice. V. V. Ivanov, L. G. Toponkov. Probl. Arkt. i Antark. no. 12, 25-29 '65.

SEA URCHINS

Changes in the acetylcholine concentration during the mitotic cycle of fertilized sea urchin eggs. I. V. Chudakova, L. V. Beldysheva, G. A. Buzankov. Tsitologiya 8 no. 1, 105-108 Ja-F '66.

Effect of inhibitors on the change in the activity of cytochrome oxidase during early development of sea urchins. G. V. Donskova, A. A. Nefedov, Dokl. AN SSSR 167 no. 1, 215-218 Mr '66.

SEALING (TECHNOLOGY)

Normative sealing of the outlet shafts of hydraulic units. T. M. Bashin. Vest. mashinost. 46 no. 2, 20-24 F '66.

Investigating the radial sealing of a rotary engine. N. I. Kormilov, V. P. Timoshenko. Samoletost. i tekhn. vozd. flota no. 4, 10-16 '65.

SEALING COMPOUNDS--THERMAL PROPERTIES

Studying heat resistance of new sealing materials of the UMD-SKT system. M. E. Belitskii and others. Samoletost. i tekhn. vozd. flota no. 4, 84-88 '65.

SEALS (NUMISMATICS)

(see also subdivision under Azov Sea region; Chechen-Ingush A.S.S.R.)

Restoration of seals used upon wax and sealing wax. D. N. Dobkova, T. L. Nefedova, V. F. Privalov. Vop. arkh. 6 no. 4, 85-86 O-N '64.

SEAMANSHIP

From experience in navigation and seamanship. B. G. Shamshiev. Mor. sbor. 49 no. 4, 62-66 Ap '66.

SEASONAL INDUSTRIES

Seasonal industry. G. Shchaglov. Sov. profsoyuzy 22 no. 5, 11-13 Mr '66.

SEASONAL VARIATIONS (ECONOMICS)

More about seasonal variations in the meat industry. Z. Kalupov, I. Bazarli. Mias. ind. SSSR 37 no. 1: 32-33 '66.

SEAWATER

Characteristics of the use of sea water in water supply systems. N. A. Malishevskii. Nauch. trudy KHIIT no. 60, 25-40 '62.

SEAWATER--COMPOSITION

(see also subdivision under Atlantic Ocean)

Calcium content and some characteristics of the composition of soil in Pre-Cambrian seas. V. I. Lebedev. Geokhimiya no. 9, 1154-1164 S '65.

New synthetic materials for chemico-oceanographic work. K. M. Khatkov. Okeanologiya 6 no. 1, 185-186 '66.

SEAWATER--DENSITY see subdivision under Antarctic Ocean

SEAWATER--OXYGEN CONTENT

Experimental data on the oxygen consumption of seawater polluted by oil. I. O. Atliksinskaya. Okeanologiya 6 no. 1, 89-97 '66.

SEAWATER--POLLUTION see subdivision under Khanlar (Azerbaijan)

SEAWATER, DISTILLATION OF

Kovalenko, V. F. [Thermal distillation of seawater; elements of the theory of sea evaporators] Teoriya i eksperimentalnoye resheniye voprosov o teorii morskikh isparitel'nykh apparatov. Moskva, Transport, 1966, 215 p.

SECOND BAKU--PALYNOLOGY

Preliminary data on the comparison of the Lower Carboniferous spore-pollen complexes of terrigenous sediments in the Kizil Dashi, Ural Mountain region, and Volga-Ural oil-bearing region. R. V. Burylova, E. M. Nougodnikova. Nauch. trudy Form. pol'nekh. inst. no. 12, 23-30 '64.

SECONDARY EDUCATION see Education, Secondary

SECONDARY RECOVERY OF OIL see subdivision under Surakhany Oil Field

SECONDARY SCHOOL SUPERVISION see School supervision, Secondary

SECURIGERA

Cardenolides of Securigera securidaca. Part 2. V. V. Zatul, N. P. Makstulina, D. G. Kolesnikov. Khim. prirod. soed. no. 3, 153-156 '65.

SEDATIVES

Effect of scopoline and amiazine on the cerebral cortex, hypothalamus, and reticular formation of the mesencephalon in rabbits during the alimentary conditioned reflex. L. V. Keliuzhnyi, I. N. Zakharova. Biul. eksp. i med. 61 no. 1, 58-62 Ja '65.

Role of some segments of the nervous system in the mechanism of action of stimulating and depressive drugs. S. I. Arbuzov, M. I. Nikiforov. Farm. i toks. 27 no. 6, 746-750 N-D '64.

SEDGES

Carex brevicollis, a medicinal plant used in experimental medicine. D. S. Ivashyn. Farmats. zhur. 20 no. 4: 44-48 '65.

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION ANALYSIS

Photo-sedimentometer for the rapid determination of dispersity of powder metals. V. M. Chegorian and others. Porosh. met. 6 no. 1, 55-61 Ja '66.

Study of the properties of fogs in a sedimentation chamber. V. G. Morozhevskii, B. M. Shintsov. Probl. fiz. atm. no. 3, 215-217 '65.

SEED INDUSTRY

Concentrate the production of tomato seeds in the raw material zones of canneries. N. S. Kostin, Kosm. i ov. prom. 21 no. 4, 13-14 Ap '66.

SEED POTATOES--STORAGE

Storage of young early harvested potatoes for seedling purposes. B. P. Zhigilevich. Vest. sel'khoz. nauki 10 no. 6, 62-67 Ja '66.

SEED PRODUCTION

(see also subdivision under Armenia; Kostroma Province)

Urgent problems of seed production. Zemledelie 28 no. 1, 22 Ja '66.

SEEDS

Agronomist is responsible for the seed. P. A. Zabaznyi. Zemledelie 28 no. 2, 55-57 F '66.

Shatekai, M. G. [Some biological characteristics of the seeds of ephemerals] Nekotorye biologicheskie osobennosti semena efemerovyi rastenii. Tashkent, Izd-vo "Nauka" UzSSR, 1965, 94 p.

Treating pine seeds with a complex of activating agents. V. I. Mosin. Vest. sel'khoz. nauki [Kazakh.] 6 no. 2, 63-100 F '66.

- SEEDS—CLEANING**
(see also subdivision under Chelyabinsk Province)
Make efficient use of machines for the cleaning and grading of seed. G. T. Pavlovskii, *Zemledelie* 28 no. 2 62-67 F '66.
- SEEDS—DISINFECTION**
Disinfection of seeds. K. I. A. Kalashnikov, *Zemledelie* 28 no. 1 61-65 Ja '66.
Effectiveness of some seed disinfectors containing mercury. K. I. A. Kalashnikov, *Khim. v sel'khoz.* 4 no. 3 28-30 Mi '66.
- SEEDS—DRYING**
Apparatus for drying disinfected seeds. P. Roshehin, *Tekhn. v sel'khoz.* 28 no. 3 21-23 Mr '66.
- SEEDS—GRADING**
Importance of the size of seeds. I. G. Strona, *Zemledelie* 28 no. 2 56-58 F '66.
Machine for water grading of buckwheat seed. F. I. An and others, *Tekhn. v sel'khoz.* 28 no. 2 15-16 F '66.
Make efficient use of machines for the cleaning and grading of seed. G. T. Pavlovskii, *Zemledelie* 28 no. 2 62-67 F '66.
Size of seeds and the yield of barley. G. F. Nikitenko, I. U. M. Nenasarov, *Zemledelie* 28 no. 2 59-61 F '66.
- SEEDS, EFFECT OF GAMMA RAYS ON**
"Steibel"-3" apparatus. T. Konieva, *Inform. biul. VDNKH* no. 1 36 Ja '66.
- SEEDS, EFFECT OF NEUTRONS ON**
Method of calculating the absorbed dose in plant seeds following their irradiation with fast neutrons. B. M. Isaev, I. U. I. Bregadze, *Radiofizika* 6 no. 1 140-142 '66.
- SEEPAGE**
Comparative evaluation of formulas determining the water seepage gap. P. N. Kostukovich, *Zap. LGI* 48 no. 2, 39-50 '65.
- SEGEZHA (KARELIA)—INDUSTRIAL HYGIENE**
Rheumatic fever, chronic tonsillitis and other chronic inflammatory otorhinolaryngological diseases at industrial enterprises. I. U. E. Noskovskii, I. A. M. Rudgiser, *Sbor. nauch. rab. vrachei Kar. ASSR* no. 4, 41-44 '62.
- SEIFULLIN, SAKEN, 1894-1939**
Communist, poet, and statesman. T. Zh. Zhangel'din, *Vop. ist. KP Kazakh* no. 2 140-183 '64.
- SEIGNETTOELECTRIC SUBSTANCES** see Ferroelectric substances
- SEISMIC PROSPECTING**
(see also subdivision under Siberia)
Amplifier for the recording mark signaling the moment of blasting at intermediate magnetic recording stations. L. L. Khudzhinski, *Razved. geofiz.* no. 7 13-7 '65.
Experience gained with and estimation of the economic efficiency of grouping charges near the day surface. V. B. Leviant, *Razved. geofiz.* no. 7 18-15 '65.
New method of seismic prospecting in shallow areas of the sea. A. V. Kalinin, V. V. Kalinin, M. Kh. Fataliev, *Vest. Mosk. un. Ser. 4, Geol.* 21 no. 1 92-95 Ja-F '66.
- SEISMIC REFRACTION METHOD** see subdivision under Dalepov-Donets Lowland
- SEISMIC WAVES**
Effect of the interference of diffracted and reflected waves on the characteristics of seismic recording according to studies on models. A. A. Bykov, E. K. Chalikova, *Geol. i geofiz.* no. 9 131-137 '65.
Experimental amplitude characteristics of explosions. I. I. Gurvich, V. B. Leviant, L. V. Molotova, *Izv. AN SSSR, Fiz. zem.* no. 3 33-43 '66.
Kinematic and dynamic characteristics of seismic waves related to boundaries in the earth's crust and upper mantle. V. Z. Riaboi, *Izv. AN SSSR, Fiz. zem.* no. 3 74-82 '66.
Modeling of the complex seismogeological interfaces of geotectonic media. A. N. Bezrodov, V. I. Ulomov, *Uzb. geol. zhur.* 10 no. 1 46-50 '66.
Plastic shear waves in the soil. I. U. I. Vasil'ev, M. N. Shcharbo, *Izv. AN SSSR, Fiz. zem.* no. 10 53-71 '65.
Reflected and diffracted waves recorded in hodographic seismic sounding of the earth's crust. M. M. Radziabov, O. B. Babazade, *Izv. AN SSSR, Fiz. zem.* no. 3 63-69 '66.
Relation between amplitudes and periods of longitudinal waves caused by earthquakes. S. L. Solov'ev, A. I. Minin, *Izv. AN SSSR, Fiz. zem.* no. 10 23-44 '65.
Some kinematic characteristics of refracted waves in the presence of one vertical discontinuity in the case of a three-dimensional problem. M. I. Borodulin, *Geofiz. sbor.* no. 3 53-59 '65.
Study of seismic waves in natural media. E. I. Gal'perin, *Vest. AN SSSR* 36 no. 1 55-60 Ja '66.
Studying the earth's upper mantle on the basis of body waves. E. F. Savarenskii, *Izv. AN SSSR, Fiz. zem.* no. 3 13-14 '66.
- Theory of a spherical emitter of seismic waves. I. I. Gurvich, *Izv. AN SSSR, Fiz. zem.* no. 10 45-56 '65.
Velocities of longitudinal waves in samples of volcanic and metamorphic rocks at pressures to 20,000 kg/cm². M. P. Volarovich, N. E. Gaidin, A. I. Levitskii, *Izv. AN SSSR, Fiz. zem.* no. 3 15-23 '66.
- SEISMIC WAVES—SPEED**
Kinematic characteristics of waves in inhomogeneous media. T. I. Obolovina, V. B. Pip, *Izv. AN SSSR, Fiz. zem.* no. 3 21-32 '66.
- SEISMOLOGY**
(see also subdivision under Afghanistan)
Determining the shock response of a medium at interior points in the ground. L. A. Ivanova, I. A. Kh. Shaikhlanov, *Izv. AN SSSR, Fiz. zem.* no. 10 88-93 '65.
Energy balance in the region of a strong seismic center. K. V. Pashennikov, *Izv. AN SSSR, Fiz. zem.* no. 10 17-24 '65.
Interpretation of the law of recurrence of earthquakes based on the energy concept. I. U. I. Ritzchenko, *Izv. AN SSSR, Fiz. zem.* no. 10 7-16 '65.
Resolving power of high-frequency seismicity. S. A. Kats, *Izv. AN SSSR, Fiz. zem.* no. 3 44-54 '66.
Shifts in an elastic medium caused by a plastic wave. L. V. Molotova, L. M. Fritman, *Izv. AN SSSR, Fiz. zem.* no. 10 57-62 '65.
Some data on the development of the seismoclastic organ system in Black Sea anchovies. M. A. Vinikova, *Gidrobiol. zhur.* 20 no. 1 56-58 '66.
- SEISMOLOGY—CONGRESSES**
Session of the Scientific Council on Seismology at the Academy of Sciences of the U. S. S. R., held in Moscow. V. M. Aikhang'skaya, *Izv. AN SSSR, Fiz. zem.* no. 2 84-87 '66.
- SEISMOLOGY—OBSERVATIONS**
(see also subdivision under Novolazarevskaya Station, Antarctica)
[Observations of the "Apatity" Seismic Station] Mt. nabl. seism. sta. "Apatity" J1-D '64, publ. 1965.
- SEISMOMETRY**
Relation between the intensity of seismic transients and the size of an explosive charge. V. F. Afonin, *Geofiz. sbor.* no. 3 107-110 '65.
- SELENIDES**
Association of uraninite and selenides in hydrothermal deposits of uranium ores. V. E. Boissov, *Atom. energ.* 20 no. 1 48-50 Ja '66.
- SELENIUM**
Separation of selenium from mercury in sublimates. M. I. Erdenbaeva, Z. M. Usenova, *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 3 46-48 Ji-S '64.
State of selenium (IV) and tellurium (IV) ions in solutions. D. S. Gasbikian, M. V. Darbinian, *Izv. AN Arm. SSR, Khim. nauki* 17 no. 5 501-504 '64.
- SELENIUM—ELECTRIC PROPERTIES**
Electric properties of selenium in the vitreous state. M. E. Mosti, *Vest. LGU* 21 no. 4 152-155 '66.
- SELENIUM—PHOTOELECTRIC PROPERTIES**
Photosensitivity distribution in selenium samples of anomalous photoconductivity. G. D. Mokhov, V. N. Bavykina, V. A. Bazakutsa, *Izv. vya. ucheb. zav., fiz.* 9 no. 1 182-183 '66.
- SELENIUM COMPOUNDS**
Isomerism of thallium selenobromides. S. S. Boisanov, V. I. Rigin, *Dokl. AN SSSR* 187 no. 1 80-80 Mr '66.
Phenyl selenochloride in the Arbuson rearrangement. E. G. Katsaev, T. G. Mannafov, *Zhur. ob. khim.* 36 no. 2: 234-237 F '66.
- SELENIUM RECTIFIERS**
Advice on the operation of selenium rectifiers. G. E. Vinichenko, *Vest. protivovoed. sbor.* no. 10 66-67 O '65.
- SELF-GOVERNMENT (IN EDUCATION)**
Role of the organs of self-government in the work training of students. S. V. Kletson, *Shkola i proizv.* 10 no. 3 21-25 Mr '66.
- SELF-INTEREST**
Some characteristics of the development of socialism. V. Zh. Kello, *Vop. filios.* 20 no. 3 14-24 '66.
- SELF-SERVICE STORES**
Sale of vegetables in self-service departments. N. Gafsin, B. Fainer, *Sov. torg.* 39 no. 4 47-48 Ap '66.
- SEMANTICS**
Lexical-semantic groups of words. V. I. Kosolapov, *Zhur. nauk. prats' esp. z. filol. Kyiv. un.* no. 18 98-104 '63.
- SEMEN**
Dilution of herd bull sperm. V. A. Kolnash, *Vest. sel'khoz. nauki* 10 no. 6 72-75 Ja '65.
- SEMEN—ANALYSIS**
Case of examination of sperm stains on the soil. V. P. Khomenok, V. G. Butchinskii, *Sud.-med. eksp. i. o* no. 1 18-10 Ja-Mr '66.
- SEMEN—MICROBIOLOGY**
Effect of the activity of catalase of some micro-organisms on the viability of bull spermatozoa during the storage of the sperm. V. Kulikov, *Veterinaria* 42 no. 1 113 Ja '66.
- SEMENENKO, MYKOLA PANTELEIMONOVYCH, 1905-**
Sixtieth birthday of Mykola Panteleimonovich Semenenko. *Geol. zhur.* 25 no. 6 104-106 '65.
- SEMENTOVKA (NIKOLAYEV PROVINCE)—COOPERATIVE SOCIETIES**
Along the road to a vacation. V. Bakshi, *Sov. polet. koop.* 10 no. 3 15-16 Mi '66.
- SEMICARBAZONES—SPECTRA**
Structure and reactivity of nitrogen-containing derivatives of carbonyl compounds. Report No. 13. Roman spectra and structure of semi- and thiosemicarbazones. O. A. Raevskii, R. R. Shagidullin, I. U. P. Khin v, *Izv. AN SSSR, Ser. khim.* no. 2 218-222 '66.
- SEMICONDUCTOR DIODES** see Diodes, Semiconductor
- SEMICONDUCTORS**
Automatic device for Volta potential measurement on semiconductors. V. G. Bolshov, L. I. Boguslavskii, *Elektr. khimika* 2 no. 3 377-379 Mr '66.
Discussion of problems in modern chemistry; conference in Novosibirsk. N. M. Vorozhitov and others, *Vest. AN SSSR* 36 no. 2 169-173 F '66.
Dynamic method for studying the mechanical properties of semiconductor materials. D. K. Kaipnazarov and others, *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk* 10 no. 2 63-68 '66.
Effect of thermal treatment on the electric properties of contacts obtained by the electrochemical method. V. M. Kochegarov, A. I. Pomichneva, *Zhur. prikl. khim.* 39 no. 2 341-347 F '66.
"Electrochemistry of semiconductors" by V. A. Mamlin, I. U. V. Plezov, I. U. A. Gurovich, *Elektr. khimika* 2 no. 2 262-263 F '66.
Equations of stability curves for semiconductor compounds. A. N. Klugitov, F. G. Avvakumov, *Izv. SO AN SSSR* no. 11 Ser. khim. nauk no. 3 73-77 '64.
Heat of adsorption of gases on zinc-blende type semiconductors. L. G. Madaunovskina, I. A. Kirovskaya, *Zhur. fiz. khim.* 40 no. 3 669-683 Mr '66.
Modification of physicochemical characteristics of solids by additions. Part 6: Role of contact phenomena in the catalysis of the thermal decomposition of solids by additions of semiconductors. I. U. A. Zakharov, G. G. Savolev, *Kin. i kat.* 7 no. 1 55-61 Ja-F '66.
Nonlinear transmission line with distributed parameters using a p-n junction. V. N. Shabanov, V. A. Tolmashov, *Radiofiz. i elektron.* 11 no. 4 772-773 Ap '66.
Possible nature of irreversible type of chemisorption on semiconductors. O. Peshev, *Kin. i kat.* 7 no. 1 84-87 Jo-F '66.
Some irreversible processes in chemisorption on semiconductors. O. Peshev, F. F. Volkenshtein, *Zhur. fiz. khim.* 40 no. 3 574-579 Mr '66.
Structural-chemical characteristics of glasses. AsSe₃, 5Ge₂. E. V. Shkol'nikov, Z. U. Borisova, *Vest. LGU* 21 no. 4 120-128 '66.
Study of the physical properties of semiconductor compounds; conference in Baku. G. B. Abdullayev, *Vest. AN SSSR* 36 no. 2 158-159 F '66.
Zemel'man, M. A., ed. [Semiconductor devices in measuring technology. Translated from the German] Poluprovodnikovye pribory v izmeritel'noi tekhnike; sbornik statei. Moskva, Energiia, 1964. 255 p. (CSMOF)
- SEMICONDUCTORS—PHOTOELECTRIC PROPERTIES**
Photometric apparatus for determining the effective cross sections of local centers from the impurity photoconductivity. E. I. Adirovich, S. P. Lamezhov, F. S. Iarullina, *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk* 10 no. 2 41-48 '66.
- SEMICONDUCTORS—WELDING**
Pressure microwelding of gold to silicon. V. D. Tabetov, A. A. Rossoshinskii, *Avtom. avar.* 10 no. 2 18-20 F '65.
- SEMIOTIC**
Popovich, M. V. [Philosophical analysis of the language of science] O filozofskom analize iazyka nauki. Kiev, Naukova dumka, 1966. 221 p.
- SEMPALATINSK—AUXILIARY POLICE**
Who else if not we? M. Ledenev, *Sots. zakon.* 43 no. 3: 24-26 Mr '66.
- SEMPALATINSK—CRIME AND CRIMINALS**
Who else if not we? M. Ledenev, *Sots. zakon.* 43 no. 3: 24-26 Mr '66.
- SEMIRECH'YE—ANTIQUITIES**
Chronology of some treasure-troves of Semirech'ye. E. E. Kuz'mina, *Mat. i issl. po arkheol. SSSR* no. 130: 106-110 '65.

SEMITIC MANUSCRIPTS see Manuscripts, Semitic

SENEGAL

Kashin, I. S. Senegal. Moskva, Mysl', 1965. 131 p. [Sotsial'no-ekonomicheskie problemy razvivaniya cheloveka v stran]

SENSE ORGANS—FISHES

Some data on the development of the osmosensitive organ system in Black Sea anchovies. M. A. Vinnikova. Gidrobiol. zhur. 2 no. 1 55-58 '66.

SENSES AND SENSATION

Changes in the sensitivity of the skin in old age. A. A. Rudzits. Trudy LIETIN no. 18, 53-61 '65.
Disorders of sensitivity in the clinical aspects of diencephalitis. S. A. Rovinskaya, I. I. Shogam. Zhur. nevroz. 65 no. 3 300-361 '66.

SEPARATORS (MACHINES)

Lipatov, N. N. Effectiveness of the centrifugal removal of impurities from milk. Efektivnost' tsentrifuzhnogo oshchistki moloka. Moskva, Tsentr. in- nauchno-tekhn. informatsii pishchevoi promyshl., 1965. 28 p. [MICROFILM]

Studying the effectiveness and hydraulic resistance of dehydrating installations. I. U. A. Bortovitsyn, S. I. Nakhankin. Sukhostroenie 56 no. 2:29-30 '66.

Using a battery hydrocyclone for cleaning power fluids of rodless hydraulic pumps of the sinking type. K. A. Datsilov and others. Izv. vuz. ucheb. zav., nefi i gaz 9 no. 1:73-82 '66.

SEPHADEX

Use of chromatography on G-200 sephadex for the isolation of antibodies from a specific precipitate. I. A. Tarikhova. Vop. med. khim. 12 no. 1:108-111 Ja-F '66.

SEQUENCES (MATHEMATICS)

Lacunary power sequences in C and L_p spaces. V. I. Gurarii, V. I. Matisev. Izv. AN SSSR, Ser. mat. 30 no. 1:3-14 '65.

Rate of convergence of stationary gradient relaxation. I. U. I. Lubich. Zhur. vych. mat i mat. fiz. 6 no. 2 356-360 Mr-Apr '66.

Sequences of certain functions examined on a semilattice. A. F. Leonov. Sb. mat. zhur. 7 no. 1:120-145 Ja-F '66.

Set of limit points for the subsequence of the partial sums of an infinite series. I. P. Milovidova. Trudy VZEI no. 28, 84-85 '65.

Some methods for constructing Hermitian processes. G. I. Chandirov. Trudy Vych. teorii AN Azerb. SSR 3: 85-96 '65.

Theory of Banach spaces of sequences and their transformations. I. U. I. Orhanov. Funkt. anal. i teor. funk. no. 1:22-38 '63.

SERBIA—LABOR AND LABORING CLASSES

The Institute of the History of the Serbian labor movement. Madađa Jovanović. Sov. slav. no. 2:132-133 '66.

SERGEV, VIACHESLAV

Remembrance of oneself. O. Valentinov. Sov. voen. 47 no. 2:32-33 N '65.

SERGI RADONEZHSKI, Saint, 1314?-1392

Epifani, monk, 15th cent. [Life of Saint Sergii Radonezhskii]. Zhizn svyatogo Sergiya Radonezhskogo [Louvain, Belgium] Vitechnoe, 1964. 30 p. (CU)

SERIAL PUBLICATION OF BOOKS

Let us talk about serial publications. I. A. L'vov. Knizh. torg. 17 no. 1:9-10 Ja '66.

SERICULTURE see subdivision under Moldova

SERIES

Absolute convergence of linear series. B. I. Golubov. Usp. mat. nauk. 20 no. 5:188-202 S-O '65.

Conformal mappings of infinitely connected lattice regions onto the exterior of a lattice of circles. V. P. Fil'chakov. Dop. AN URSR no. 1:18-20 '66.

A generalization of the Hardy theorem. D. D. Voskresenskii. Dokl. MIUSP 1 no. 5:57-62 '64.

One form of expanding a harmonic function in a series. A. F. Zoltn. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk. 10 no. 1: 12-18 '65.

Preserving the limits of indeterminacy of partial sums of a series. I. P. Milovidova. Trudy VZEI no. 28:80-83 '65.

Reduction of the frequency determinant to a form convenient for expansion by an electric digital computer. M. M. Kryvoruchko. Trudy MIT no. 214:105-106 '65.

Region of convergence of series of the type $\sum a_n x^n$ and the integral representation of their sums. M. Mere-dov. Uch. zap. Turk. gos. un. no. 20:23-34 '64.

Series in the system $\{\psi_n(x)\}$. V. F. Gaspachkin. Mat. sbor. 69 no. 3:328-353 Mr '66.

Sechkin, S. B. and P. L. Ulianov. [Subsequences of convergence of series]. Podposledovatel'noe skhodimosti ryadov. Moskva, Nauka, 1965. 80 p. [Akademiya nauk SSSR. Matematicheskii institut. Trudy, vol. 85]

A Tauberian theorem for the summation of series. K. M. Slopenchuk. Dop. AN URSR no. 1:32-35 '66.

SERIES, DIRICHLET'S

Self-reciprocal functions combined with Dirichlet's series. B. S. Rimskii-Korsakov. Trudy VZEI no. 28 55-72 '65.

SERIES, INFINITE

Set of limit points for the subsequence of the partial sums of an infinite series. I. P. Milovidova. Trudy VZEI no. 28 84-85 '65.

SERIES, ORTHOGONAL

Generalization of the concept of orthogonality. I. U. V. Kuznetsov. Trudy VZEI no. 28 95-112 '65.
One generalization of the concept of orthogonality. I. U. V. Kuznetsov. Trudy VZEI no. 28 10-32 '65.

SEROTONIN

Dependence of the antineoplastic action of serotonin on its dose and method of administration. L. P. Mutsaeva. Vop. onk. 12 no. 3:67-71 '66.

Possible participation of serotonin and other neurotransmitters in the regulation of protein biosynthesis, based on experiments with egg cells of sea urchins. G. A. Buznikov, N. D. Zverdina, R. G. Makeeva. Dokl. AN SSSR 166 no. 5 1252-1255 F '66.

Serotonopathy. N. I. Semchenov and others. Lab. delo no. 3:140-141 '66.

SEROTONIN—PHYSIOLOGICAL EFFECT

Effect of some substances on the antidiuretic activity of serotonin. I. M. Samoilovich. Form i toka, 27 no. 6 736-738 N-D '64.

SERPENTINE

X-ray studies of chrysotile asbestos. G. A. Kovalev. Zap. Vses. min. ob-va 95 no. 1:70-75 '66.

SERPENTINE—THERMAL PROPERTIES

Determining the heat capacity of serpentine. V. I. Leonidov. Geokhimiya no. 3:348 Mr '66.

SERPENTINTES

(see also subdivision under Arabian Sea; Indian Ocean)

Serpentine alkali-resistant filters. M. A. Matyev. V. F. Zueva. Zhur. prikl. khim., 39 no. 2 280-293 F '66.

SERUM

Effect of different antineoplastic cytotoxic sera on the development of Guein's carcinoma. I. U. A. Umanaki. Vop. onk. 12 no. 2:54-57 '66.

SERUM DIAGNOSIS

Activity of serum enzymes (transaminase and aldolase) in pulmonary tuberculosis and associated diseases of the liver and gallbladder. A. M. Vilderman, Z. A. Evgrafova. Probl. tub. no. 3 74-81 '65.

Antigenic properties of the foot-and-mouth disease virus strain AL. P. N. Darda, D. L. Salozhov, V. P. Antonikh. Veterinarlia 42 no. 1:20-22 Ja '66.

Clinical character of lesions of salmonellosis caused by various types of Salmonella. G. V. Voronova. Sov. med. 20 no. 2:55-58 F '66.

Immunodiagnosis of cystercoasis in cattle and the method of evaluating the results obtained. E. S. Leikina and others. Med. paraz. i paraz. bol. 36 no. 2:157-164 Mr-Apr '66.

Increasing the sensitivity of animals and cell cultures to viruses, a review of the literature. A. A. Sintekil and others. Voen.-med. zhur. no. 2:49-53 F '66.

Serum diagnosis of dermatomycoses in Saitaval. M. M. Kadyrova. Voen. i med. i ven. no. 8:40 '65.

Serum diagnosis reaction in tumorous diseases. A. K. Pankov and others. Lab. delo no. 3:171-174 '66.

SERVANTES SAAVEDRA, MIGUEL DE, 1547-1610

Everlasting greatness. I. A. Karavaev. Knizh. torg. 17 no. 4:84-85 Ap '66.

SERVICE INDUSTRIES see subdivision under Ivanovo Province; Volga-Baltic Canal region

SERVICE STATIONS

Improvements in service stations. I. B. Pilitan. Transp. i khran. nefi i nefteprod. no. 1:34-35 '66.

SERVOMECHANISMS

Accurate analysis of the formula of the output voltage of an inductosyn. Avtom. i telem. no. 1:158-160 '66.

Adjustment of a pneumatic servomechanism for the control of steam-air forging hammers. V. M. Shmelberg. [Nauch. trudy] NEKMAsha 10:76-86 '65.

Concerning L. N. Safonov's article "Problems of the theory of air-core inductive angle position indicators with printed windings." V. E. Mashkov. Avtom. i telem. no. 1:160-162 '66.

Concerning L. N. Safonov's article "Problems of the theory of air-core inductive angle position indicators with printed windings." B. K. Karpenko, N. S. Ruban. Avtom. i telem. no. 1:162-164 '66.

Damping of automatic control systems using motors with inertial damping. G. A. Ovanos'iants, E. A. Fabrikant, O. I. Anushovskii. Avtom. i telem. no. 2 117-122 '66.

Dzhelalov, A. R. [Servo systems with synchronous motors]. Stediashechie sistemy s sinkhronnyimi dvigatel'nyimi. Trunze, Ifim, 1966. 157 p.

General properties of two-dimensional servosystems with modulation. A. M. Palatnik. Avtom. i telem. no. 1:74-80 '65.

Investigating steady processes in electronic step-by-step systems. V. M. Kofanikov. Trudy MINKHGP no. 58 121-125 '65.

Magnetic servo amplifier for a.c. automatic control systems. I. A. G. Neulmin, D. D. Kapalov. Trudy LIVT no. 50:22-28 '64.

Noncontact servo drive for controlling cutting machines. V. M. Kuznetsov. Mekh. i avtom. stroit., 20 no. 2:25-26 F '66.

Studying the pneumatic servodrive and its possibilities as a drive for automatic control mechanisms. B. A. Chelishchev. [Nauch. trudy] ENIKMAsha 10 63-75 '65.

Theory of the e.m.f. of an inductosyn. L. N. Safonov. Avtom. i telem. no. 1:101-105 '65.

SEUTULLIN, SAKEN, 1894-1939

Documentary materials concerning the political activities of S. Seutullin. Vop. ist. KP Kazakh no. 2:256-274 '61.

SEVAN, LAKE—SILT—MICROBIOLOGY

Methods of determining the time of generation of micro-organisms in bottom sediments. M. E. Gatur-baian. Mikrobiologiya 34 no. 6:1070-1076 N-D '65.

SEVERNAYA ZEMLYA—PHYSICAL GEOGRAPHY

Physicogeographical regionalization of Severnaya Zemlya. I. V. Sosonov. Izv. Vses. geog. ob-va 98 no. 1:1-9 Ja-F '65.

SEWAGE—PURIFICATION

Clarification and purification of weakly radioactive sewage by flotation of noncalcined dolomite. V. V. Pushkarov, V. L. Zolotarev, A. S. Lubimov. Atom. energ. 20 no. 1:83 Ja '65.

SEWAGE IRRIGATION

(see also subdivision under Russia, Northwestern)

Antimicrobial properties of actinomycetes isolated from the soil of sewage irrigation fields. L. I. Skripka, A. M. Branskina. Med. paraz. i paraz. bol. 35 no. 2:146-148 Mr-Apr '66.

SEWEN DESIGN

Designs for purification plants for local sewage. S. K. Iobanov. Sil. bud. 15 no. 3:12-14 Mr '65.

Maximum depth for laying sewer pipes. R. M. Mukurdumov and others. Stroi. i arkh. Uzb. 6 no. 6:4-6 Je '65.

SEWING

Processing of seams in articles made from double fabrics. V. F. Shant'gina. Shveit. prom. no. 1:25-26 Ja-F '66.

SEWING MACHINES

Selecting the basic model of a sewing machine. S. I. Ruankov. Shveit. prom. no. 1:31-33 Ja-F '66.
Sewing machine with a two-thread chain stitch. S. K. Akhchenko, I. K. Gaponkin. Shveit. prom. no. 1:27-29 Ja-F '66.

Trends in the design of driving systems for sewing machines. V. P. Polukhin, V. A. Umanov, O. I. Pobol. Shveit. prom. no. 1:11-13 Ja-F '66.

SEWING MACHINES—TESTING

Determining the temperature of the friction surfaces of thread guiding parts. P. T. Basko. Izv. vuz. ucheb. zav., tekhn. i log. prom. no. 1:134-141 '66.

SEX HORMONES see Hormones, Sex

SEX ORGANS see Generative organs

SEX RESEARCH

Some problems of the genetics of sex. V. L. Ryzhkov. Genetika no. 2:3-15 '66.

SHAARTUZ DISTRICT—MALARIA

Organization of epidemiological inspection for malaria control in Shaartuz District, Tajikistan. N. I. Polesol, A. S. Kironov. Med. paraz. i paraz. bol. 35 no. 2:109-201 Mr-Apr '66.

SHAFT SINKING

(see also subdivision under Kuznetsk Basin)

Speed of the sinking of shafts. E. F. Ivanin, I. S. Pichugin. Razved. i okh. nedr. 31 no. 1:17-21 N '65.

SHAFT SINKING—EQUIPMENT AND SUPPLIES

Machinery and technology of shaft sinking in deep mines. K. I. Smirnov. Ugol' Ukr. no. 3:49-51 Mr '66.

Malevich, N. A. [Equipment assemblies for the sinking and boring of vertical shafts]. Kompleksy oborudovaniia dlia prokhozki i bureniia vertikal'nykh stvolov. Moskva, Nedra, 1965. 285 p.

SHAFT SINKING—SAFETY MEASURES

Boring of control bores for vertical shaft sinking. V. K. Korkin, *Shakht. stroit.* 10 no. 2:24-25 F '66.

SHAFTING

Eliminating the gap between the stern tube and the bushing by the use of epoxy resins. I. I. Zaitsev, *Sudostroenie* 56 no. 1:80-81 Ja '66.

Torsional vibrations of propeller shafts driven by diesel plants with the SKL engines. L. V. Efremov, *Sudostroenie* 56 no. 2:21-25 F '66.

Use of roller bearings for large-diameter ship propeller shafts. D. L. Gernashev, Z. R. Shening, *Sudostroenie* 56 no. 2:62-66 F '66.

SHAKESPEARE, WILLIAM, 1564-1616

Notes on Olivier in the role of Othello and on "Othello," the tragedy by Shakespeare. B. Zingerman, *Teatr* 27 no. 2:130-132 F '66.

William Shakespeare and Miguel Cervantes Saavedra. *Nar. obr.* no. 4:92-93 Ap '66.

SHALIAPIN, FEDOR (VANOVIKH), 1873-1938

Rozen'el'd, S. E. [A story about Shaliapin] *Povest' o Shaliapine*, [Leningrad] Lenizdat, 1966, 277 p.

SHAMIAKIN, IVAN, 1921-

Problems and characters in the novel, based on the "Heart" in the palm of the hand, a novel by I. Shamiaikin. S. A. Andriuk, *Vestis AN BSSR. Ser. hram. nav.* no. 1:75-83 '66.

SHATELEN, MIKHAIL ANDREEVICH, 1866-1957

M. A. Shatelen, on the 100th anniversary of his birth. *Svetotekhnika* 12 no. 2:1-4 F '66.
Patristich of Russian electrical engineering. *Elektrichestvo* no. 3:61-84 Mr '66.

SHAUMYAN DISTRICT—RUSSIAN LANGUAGE—DIALECTS

Loan words from the Azerbaijani and Armenian languages in the dialect of the village of Russkiye Botlay in the Shaumyan District of the Azerbaijani S. S. R. G. M. Aslanov, *Uch. zap. APL iz. Ser. filol.* no. 3:53-73 '63.

SHECHPKIN, MIKHAIL SEMENOVICH, 1788-1863—ROMES AND HAUNTS

Zemankov, B. S. [M. S. Shechepkin in Moscow] M. S. Shechepkin v Moskve. [Moskva] Mosk. rabochii, 1966, 126 p.

SHCHUKIN, EVGENII FEDOROVICH

A day, of which there are many. V. Garnov, *Sov. voen* 48 no. 7:17 Ap '66.

SHEARS (MACHINE TOOLS)

Reinforced concrete plates of circular shears. M. M. Bol'sharov, V. A. Gudim, M. M. Kovlenko, *Vest. mashinost.* 46 no. 3:40-41 Mr '66.

SHEBELINKA GAS FIELD—GAS, NATURAL—ANALYSIS

Gas condensates from the Lower Permian and Upper Carboniferous formations of the Shebelinka gas fields. B. Le and others. *Khim. i tekhn. topl. i masol* 11 no. 4:30-34 Ap '66.

SHEBELINKA GAS FIELD—HYDROCARBONS

Heavy hydrocarbons in the coal gases in the southwestern part of the Donets Basin in connection with the genesis of the Shebelinka gas field. B. M. Kosenko and others. *Geol. nefli i gaza* 9 no. 3:19-23 Mr '65.

SHEBUEV, GORGII ALEKSANDROVICH

Lessons of my youth. G. Shebuev, *Teatr* 27 no. 1:17-21 Ja '66.

SHEEP—FEEDING AND FEEDS

Effect of feeding on the ratio between the genera of infusorians and the level of cellulolytic activity of the rumen contents of sheep. M. D. Pomaznina, N. Kh. Sparvisev, *Vest. sel'khoz. nauk* 10 no. 7:86-99 Ji '65.

The sheep is a natural laboratory. Z. Opatina, *Zakup. sel'khoz. prod.* no. 6:26 Je '65.

SHEEP—PARASITES see Parasites—Sheep

SHEEP BREEDERS' SOCIETIES see subdivision under Spain

SHEEP BREEDING see subdivision under Alma-Ata Province; Russia, Northern

SHEEPSHEARING

Isachurin, R. A. [Mechanization of labor consuming operations in sheep raising abroad; a survey of the foreign literature] *Mekhanizatsia trudomkikh protsessov v ovtsevodstve za rubezhom; obzor inostran-nol literatury*. Moskva, Kolos, 1965, 172 p. (DNAL)

SHEET METAL—TESTING

Stability of a two-axial stretching of an anisotropic sheet. V. D. Golovlev, *Mashinovedenie* no. 2:112-120 '66.

SHEET METAL—WELDING

All-Union conference on the fusion welding of thin sheet metals. B. L. Smolod. *Avtom. svar.* 19 no. 1:79-80 Ja '66.

Baizov, M. S. [Technology of the production of welded structures] *Tekhnologiya proizvodstva svarnykh konstruktii*. Moskva, Mashinostroyeniye, 1966, 332 p.

SHEET-METAL WORK

Engineering efficiency of large parts manufactured from sheet metal by cold stamping. G. N. Rovinskii. *Avt. prom.* 32 no. 2:35-37 F '66.

Innovations in the technology of the manufacture of stamped separators. D. S. L'ov. *Trudy VNIPP* no. 3:104-109 '63.

Intensification of the process of stamping and drawing low-carbon steels. V. P. Martynov, *Samoletostr. i tekhn. vozd. flota* no. 4:104-106 '65.

Using an elastic cylinder for sheet stamping without a press. A. G. Golovach, *Kuz.-shlamm. protzv.* 8 no. 2:40 F '66.

Using the radio measurement method for measuring parameters of the movement of billets in sheet stamping. A. I. Lopatin and others. *Samoletostr. i tekhn. vozd. flota* no. 3:84-85 '65.

SHEET METAL WORKING MACHINERY

Automatic stamping machine for the making of intricately shaped parts out of strip. M. A. Samon'kin, N. G. Lutsik, V. P. Tyashkevich, *Kuz.-shlamm. protzv.* 8 no. 2:46-47 F '66.

Creasing apertures for cutting without preliminary piercing. V. A. Timoshchenko, *Kuz.-shlamm. protzv.* 8 no. 2:45-46 F '66.

System of controlling power presses by means of induction couplings. T. A. Shechelnin, L. M. Sarkisian, V. P. Neshcheretov. [Nauch. trudy] ENIKMASHA 10:87-94 '65.

Wear of cutting edges during the blanking and punching of electrical steel. F. P. Mikhalevich, *Kuz.-shlamm. protzv.* 8 no. 2:20-23 F '66.

SHEET STEEL

Experience in producing cold-rolled low-carbon 081U steel. A. G. Mond and others. *Metalurg* 11 no. 3:27-28 Mr '66.

SHEET STEEL—TESTING

Effect of initial anisotropy and hardening on the processes of plastic forming of thin-sheet steel. F. I. Ruzanov, E. D. Mitranskaya, *Mashinovedenie* no. 2:121-127 '66.

SHEET STEEL—WELDING

Weldability of hardened low-carbon 15GF steel. N. D. Gerozhaniyov, *Svar. protzv.* no. 4:8-11 Ap '66.

SHELGUNOV, NIKOLAI VASIL'EVICH, 1824-1891

I. S. Turgenov, N. V. Shelgunov, and L. P. Blumner, [Ideological characteristics of Potugin, the hero of novel "Smoke," A. B. Muratov, *Vest. LGU* 10 no. 20:67-76 '64.

SHELL ROOFS see Roofs, Shell

SHELLFISH AS FOOD

Dietetic and therapeutic properties of algae and mollusks. S. A. Vishnevskii, Z. G. Palenichko. *Shor. nauch. rab. vrachei Kar. ASSR* no. 4:52-61 '62.

SHELLS (ENGINEERING)

Calculating plastic shells for concentrated loads. R. F. Gabbasov, *Stroitel. mekh. i rasch. soor.* 8 no. 1:9-12 '65.

Calculation of a cylindrical shell subjected to hydrostatic pressure. F. V. Stolzberg, *Gidrot. 35* no. 2:43-45 F '65.

Calculation of reinforced concrete shallow shells. G. R. Gul'man, *Stroitel. arkhit. (sbornik)* no. 2:12-118 '66.

Determining thermal stresses of thin-walled systems with flexible ribs. L. A. Malashenko, *Samoletostr. i tekhn. vozd. flota* no. 2:63-69 '65.

Improving the precision of the Karman equations for shallow shells. V. D. Reizer, *Stroitel. mekh. i rasch. soor.* 8 no. 1:12-15 '66.

Precast cylindrical shells of cellular concrete. A. S. Zhiv. *Bet. i zhel.-bet.* 11 no. 3:30-31 Mr '65.

Solving the main equations of the semiinfinite theory of cylindrical shells. I. N. Slezinger, *Stroitel. mekh. i rasch. soor.* 8 no. 1:5-9 '66.

Stability of a cylindrical shell made of a nonlinearly deformed material. G. B. Kireeva, *Prikl. mekh.* 2 no. 3:10-14 '66.

SHELLS (ENGINEERING)—DESIGN AND CONSTRUCTION

Air-supported cupolas. L. I. Arin, *Trudy TSNIIProms-danil* no. 1:101-112 '64.

Calculating thin spherical shells for an arbitrary static load. A. A. Kulagin, *Trudy TSNIIProms-danil* no. 1:5-8 '64.

SHELLS (ENGINEERING)—VIBRATION

Parametric vibrations of a cylindrical shell containing a pulsating fluid flow in the central layer. V. V. Stepanuk, *Prikl. mekh.* 2 no. 2:130-135 '66.

SHELVES

Toilet shelf. V. A. Moskalenko, *Shkola i proizv.* 8 no. 3:73-75 Mi '65.

SHEMIAKIN, FEDOR MIKHAILOVICH, 1905-

Fedor Mikhailovich Shemiakin, on his 60th birthday. *Apt. delo* 14 no. 3:93-94 My-Je '65.

SHEVCHENKO, TARAS HRYHOROVYCH, 1814-1861

Bolko, Iuril. [Works of Taras Shevchenko against the background of West European literature] *Tvorchist' Tarasa Shevchenka na tli zakhidnoevropeiskoi literatury*. Munich, Ukr. vsh'nyu univ., 1956, 70 p. (U)

Fonenko, M. V. [Toponymy of the Ukraine in the works of Taras Shevchenko] *Toponimika Ukrainy v tvorchestvi Tarasa Shevchenka*. Kyiv, Radians'ka shkola, 1965, 126 p. (Ncu)

From M. M. Novyts'kyi's unpublished works on Shevchenko. F. K. Sarano, *Rad. lit.* 10 no. 2:63-66 F '66.

Pryima, F. I. A. [Shevchenko and the Russian liberation movement] *Shevchenko i roslin'kyi vyvrotyt rukh*. Kyiv, Dnipro, 1966, 170 p.

T. H. Shevchenko and P. I. Pruszyński. I. A. I. Italichuk, *Ukr. ist. zhur.* 10 no. 3:107-110 Mr '66.

T. H. Shevchenko and the Society of Cyril and Methodius. I. U. O. Kovmih, *Ukr. ist. zhur.* 10 no. 3:75-78 Mi '66.

Taras Shevchenko and Dmitrii Guita. I. Evhen Iahchenko, *Rad. lit.* 10 no. 2:58-62 F '66.

SHEVCHENKO, TARAS HRYHOROVYCH, 1814-1861—MONUMENTS, ETC.

[Our great bard should be glorified in a worthy manner] *Votykomu Kobzarovi - hldnu shanu*. Kyiv, Tovarystvo kul'turnykh zvin'zazkiv z ukrainstalamy za kordonom, 1965, 127 p.

SHIELDING (RADIATION)

Determination of shielding against radiation from cylindrical sources. E. E. Kovalev, D. P. Osanov, *Atom. energ.* 20 no. 1:78-80 Ja '66.

New design of protective windows of the heavy series. G. I. Lukashov, O. A. Chel'tuk, *Atom. energ.* 20 no. 1:95-96 Ja '66.

Nuclear interactions and the calculation of thin proton shielding. L. S. Matusevich, *Atom. energ.* 20 no. 1:51 Ja '66.

Shielding characteristics of iron-serpentine cones etc. A. P. Voseikin, I. U. A. Egorov, V. A. Kucherinov, *Atom. energ.* 20 no. 1:76-77 Ja '66.

SHIGELLA see subdivision under Baku Bay

SHIGELLA—CULTURES AND CULTURE MEDIA

Characteristics of the growth of some strains of *Shigella* newcasts in Rastoff's medium. N. D. Mazurin, *Lah. delo* no. 3:185-186 '66.

SHINGLES (DISEASE) see Herpes zoster

SHIP HANDLING

Optimum control of the movement of ships in a variable-depth fairway. I. U. P. Petrov, *Trudy LVT* no. 59:62-69 '64.

SHIP PROPULSION

Temperature conditions for cooling the engine and their effect on its wear and fuel consumption. I. U. P. Kletnov, V. G. Kurkin, V. V. Shchagin, *Ryb. khoz.* 40 no. 6:50-53 '64.

Temperature damage of the pistons of RDV-14 and RDV-148 engines. I. U. V. Kulagin, *Ryb. khoz.* 40 no. 8:54-55 '64.

SHIP PROPULSION, ELECTRIC

Calculation of the static characteristics of electric propulsion motors for icebreakers. A. B. Khaikin, V. I. A. Lagodkin, *Sudostroenie* 56 no. 1:57-60 Ja '66.

SHIPBUILDING

Some characteristics of glued joints. A. P. Kalmychikov, *Sudostroenie* 56 no. 1:76-79 Ja '66.
Soviet shipbuilding in the new year, 1966, *Sudostroenie* 56 no. 1:3-8 Ja '66.

SHIPBUILDING—EQUIPMENT AND SUPPLIES

Portable pneumatic stand. V. M. Gerluk, *Sudostroenie* 56 no. 1:79-80 Ja '66.

SHIPBUILDING—SAFETY MEASURES see subdivision under Soviet Far East

SHIPBUILDING MATERIALS

Frid, E. G. [Ship construction] *Ustroistvo sudna*. Leningrad, Sudostroenie, 1966, 232 p.

Improve the establishing of norms for working capital. V. Gracheva, *Rech. transp.* 23 no. 6:46-47 Je '64.

Use of synthetic materials for finishing and furnishing the living quarters of ships. A. A. Brant, V. V. Tsimbulkov, *Sudostroenie* 56 no. 1:71-75 Ja '66.

SHIPBUILDING WORKERS see subdivision under
Kalininrad

SHIPENKO, PETR IVANOVICH, 1893-1965

In memory of Professor: P. I. Shipenko (1893-1965). Gidr. i
mel. 18 no. 3:63 Mr '66

SHIPITSINA, NINA KONSTANTINOVNA, 1908-

N. K. Shipitsina; on her 60th birthday. Med. paraz. i paraz.
bol. 35 no. 2:249 Mr-Apr '66.

SHIPPING

(see also subdivision under: Kama River, Ural
River; Volga-Baltic Sea Waterway, Volga River,
Yenisey River)

Economic aspects of direct shipments made by seagoing
rivercraft. A. Kovalov. Rech. transp. 23 no. 5:10-11
Je '64.

SHIPPING—ACCOUNTING

Calculation, operative accounting and control of the
realization of the foreign exchange plan by the dry cargo
fleet of a shipping company on the basis of the diurnal
indices of consecutive operations. S. M. Topchil.
Ekonom. i ekspl. mor. i transp. no. 2:18-55 '65.

SHIPPING CONFERENCES

In the Shipping Committee of the United Nations Council
of Trade and Development. IU, Dzhasad. Mor. flot
26 no. 3:43-45 Mr '66.

SHIPS

Veteran ship. M. P. Kotukhov. Mor. sbor. 10 no. 3:28-31
Mr '66.

SHIPS—CARGO

Determining the weight of the cargo by the draft of the
ship. L. P. Andronov. Ekonom. i ekspl. mor. i transp.
no. 2:127-132 '65.

Distribution of pressure in the ship's hold in bulk
transportation of raw sugar. V. Stetsluk. Mor. flot
26 no. 3:19 Mr '66.

Effect of hydrometeorological conditions on the thermal
and moisture regimes of ship holds. L. A. Kozdoba,
V. P. Stetsluk. Ekonom. i ekspl. mor. i transp. no. 2:100-
110 '65.

Experimental study of the microclimate of an air-
conditioned hold in grain transportation. V. A. Zagorulko.
Ekonom. i ekspl. mor. i transp. no. 2:110-113 '65.

The freight market. Z. M. Pokina. BIKI [Prilozh.]

no. 2:262-265 Ap '66.
Some optimization problems related to the ship's cargo
plan. A. P. Shvarisman. Ekonom. i ekspl. mor. i transp.
no. 2:113-117 '65.

SHIPS—EQUIPMENT AND SUPPLIES

Use of synthetic materials for finishing and furnishing the
living quarters of ships. A. A. Brant. V V TSa i innikov
Sudostroenie 56 no. 1:71-75 Ja '66.

SHIPS—FIRES AND FIRE PREVENTION

Fire extinction with finely atomized water. M. Plotkin,
A. Surikova. Mor. flot 26 no. 2:25-27 F '66.

SHIPS—HEATING AND VENTILATION

Studying the effectiveness and hygienic resistance of de-
hydrating installations. IU, A. Bordonov, S. I. Nakham-
kin. Sudostroenie 56 no. 2:29-30 F '66.

SHIPS—HYDRAULIC EQUIPMENT

Determining the quantity of fluid in the hydraulic systems
of ships. O. N. Dubrovskii. Sudostroenie 56 no. 2:116-10
F '66.

SHIPS—HYDRODYNAMICS

Methods and criteria of an approximate evaluation of the
seaworthiness of ships. A. N. Shmyrev. Mor. sbor. 40
no. 4:37-75 Ap '66.

SHIPS—MAINTENANCE AND REPAIR

Disseminate the work practices of progressive ship
crews. B. Dobrov. Rech. transp. 23 no. 6:32 Je '64.

Improve the establishing of norms for working capital.
V. Gracheva. Rech. transp. 23 no. 6:46-47 Je '64.

Mastering the initial stage of work and the method of
repair by replacement of parts at shipyards. G. Bolln-
skii. Mor. flot 26 no. 3:35-36 Mr '66.

Method of estimating the operational and technical condi-
tion of vessels. A. Aleksandrov. Rech. transp. 23
no. 6:26-27 Je '64.

Repairing holes by the use of a caisson during navigation
in ice. P. Miroshnichenko. Mor. flot 26 no. 2:33-34
F '66.

Results of the use and ways for the introduction of network
charts in ship repair. S. S. Vinogradov and others. Sudo-
stroenie 56 no. 2:40-52 F '66.

Ship repair can be done on the basis of fixed prices.
IA. Rozhniskii. Mor. flot 26 no. 3:34-35 Mr '66.

SHIPS—PAINTING

Durable ship paints. S. Klin, V. Orlov. Mor. flot 26
no. 2:39 F '66.

Physiological and psychological basis for rational use of
paints in the engine and boiler rooms of seagoing ships
N. I. Ivanov. Sudostroenie 56 no. 1:67-70 Ja '66.

Simple devices. A. Shumilin. Mor. flot 26 no. 3:37-38
Mr '66.

SHIPS—WELDING

Automatic punch for determining the quality of welded
joints by comparison. Sudostroenie 56 no. 2:70 F '66.

Economic efficiency of mechanized hull welding. V. D.
Matskevich, L. B. Klevanskyi, V. M. Kurnatov. Sudo-
stroenie 56 no. 1:64-66 Ja '66.

SHIPWRECKS see subdivision under Postovaya Bry
(Khabarovsk Territory)

SHIPYARDS—ACCOUNTING

From the work practices of ship-repairing yards using
standard manufacturing costs. V. Taito, A. Tara-
senko. Mor. flot 26 no. 2:37-38 F '66.

SHIPYARDS—MANAGEMENT

Analyzing the utilization of the productive capacity of ship-
yard departments. B. N. Zhuchkov. Sudostroenie 56
no. 1:61-64 Ja '66.

Some problems in the automation of management systems
and operative planning in shipbuilding. L. M. Khodorkov-
skii. Sudostroenie 56 no. 2:53-57 F '66.

SHIRAZI, ALI-BEK

Abd. bek Shirazi. A. G. Ragimov. Nar. Az. i Afr. no. 2:
133-137 '66.

SHIRSHOV, PETR PETROVICH, 1905-1953

In memory of P. P. Shirshov. Vest. AN SSSR 36 no. 2:
186-197 F '66.

Sl. y years since the birth of P. P. Shirshov, V. G.
Bogorov. Okeanologiya 0 no. 1:187 '66.

SHIRTS, MEN'S—PATTERN DESIGN

Interesting experiment. M. M. Rakhimov. Shvein. prom.
no. 1:29-30 Ja-F '66.

SHIRVAN STEPPE—GRASSES

Phenology and dynamics of the aerial mass of sown
grasses in the semidesert of the Shirvan Steppe as
affected by meteorological conditions. S. IU, A. I. Alev.
Izv. AN Az. i B. SSR, Ser. biol. i med. nauk no. 5:16-20 '65.

SHKAPOVO OIL FIELD—OIL FIELD FLOODING

Experience in studying the sweeping properties of water
in sweeping operations in the Shkapovo oil field. S. S.
Kuz'minskii, A. P. Timofeev. Nefteprom, dolo no. 3
27-30 '66.

SHOCK

Intravenous administration of novocaine as a measure
for treating traumatic shock. N. D. Gashimov. Az. i B.
med. zhur. 43 no. 1:61-64 Ja '66.
Pathogenetic therapy of shock. A. P. Zil'ber. Sbor. nauch.
rab. vrachei. Kaz. ASSR no. 4:81-85 '62.

Petrov, L. R., and G. Sh. Vasadze. Irreversible changes
in shock and hemorrhage. Neobratimye izmeneniia pri
shoke i krovopotenii. [Leningrad] Meditsina, 1966.
197 p.

(DNLM)

SHOCK (MECHANICS)

Deformation and disruption of massive metal bodies under
short-term pressure. L. V. Ballakov, N. A. Zistis. Zhur.
tekhn. fiz. 36 no. 2:358-364 F '66.

SHOCK ABSORBERS—TESTING

Device for testing the shear of compressed rubber shock
absorbers. N. A. Sukhova, K. K. Likhachev. Izv. vys.
ucheb. zav., mashinost. no. 12:24-26 '65.

SHOCK WAVES

Hypothesis of shock waves in the Galaxy. Priroda no. 2:
116-117 F '66.

Ignition of gunpowder by a shockwave. E. E. Kiselev,
A. D. Margolin, P. F. Pokhil. Fiz. gor. i vzryva no. 4
83-84 '65.

Sliding of delamination and shock waves along the surface of
a liquid. A. A. Borisov, S. M. Kogarko, A. V. Liubimov.
Fiz. gor. i vzryva no. 4:31-38 '65.

Strong shock waves in the air. A. D. Voltenko. Zhur. tekhn.
fiz. 36 no. 1:178-180 Ja '66.

Structure of shock waves in KC1 and KBr under dynamic
compression up to 200,000 at. A. N. Dremin, S. V. Per-
shin, V. F. Pogorelov. Fiz. gor. i vzryva no. 4:3-9 '65.

Study of processes behind a reflected shock wave in an
electromagnetic shock tube. IU, V. Makarov, A. M.
Maksimov. Zhur. tekhn. fiz. 36 no. 2:280-293 F '66.

Wave propagation in a bounded elastoplastic rod caused
by longitudinal impact. G. G. Konstantinov, L. L. Mar-
chenko, K. N. Shklinek. Fiz. gor. i vzryva no. 4:63-70
'65.

SHOE INDUSTRY

New creative quests follow the calculation of labor
costs. B. Kapustin. Agitator 33 no. 5:10-17 Mr '66.

SHOE INDUSTRY—FINANCE see subdivision under
Eshikria

SHOE MACHINERY

New equipment for the shaping of the heel part of foot-
wear. V. M. Arbel', A. I. Zait'ind, Kozh.-obuv. prom.
8 no. 2:11-14 F '66.

Studying the method of material cutting on clicking pres-
ses with automatic action. Report No. 1 V. A. Zhdan-
Pushkin, IU P. Zybin. Izv. vys. ucheb. zav., tekhn. leg.
prom. no. 1:81-102 '66.

SHOE MACHINERY—ATTACHMENTS

Attachment for the cutting of tapes from special fabrics in
the manufacture of rubber footwear. V. E. Valsfel'd.
Kauch. i rez. 25 no. 3:47 '66.

SHOE MANUFACTURE

(see also subdivision under Kiev)

Improvement of the quality of manufactured goods and
ways to reduce the time for the introduction of the new
types of production. V. I. Alekseenko. Kozh.-obuv.
prom. 8 no. 2:7-10 F '66.

SHOE MANUFACTURE—EQUIPMENT AND SUPPLIES

Device for determining the stiffness of shoe soles and
counters. K. A. Baianov. Kozh.-obuv. prom. 8 no. 2:
30 F '66.

SHOPPING CENTERS

Shopping centers in present-day construction projects.
N. M. Zaphar'ina, E. M. Pokoratskii. Stroitel. i khim. Lon
28 no. 2:11-13 F '66.

SHORE PROTECTION

Novosibirsk. Institut inzhenerov vodnogo transporta.
[Methodological manual on the design, construction,
and maintenance of asphalt-concrete pavements in shore
stabilization and river regulation; for courses in the
improvement of the qualifications of engineers in the
Novosibirsk Institute of Engineers of Water Transporta-
tion specializing in the "Major improvement of naviga-
tion conditions in difficult sections of rivers and the de-
sign of regulatory structures." Metodicheskoe posobie
po projektirovaniu, stroitel'stvu i ekspluatatsii asfal'to-
betonnykh pokrytiy pri beregookrepleni i vypravlenii
rek, dlia kursov povysheniia kvalifikatsii inzhenero-
tekhnicheskikh rabotnikov pri NIIVTe po spezializatsii
"Kapital'noe utuchshenie avtomaticheskikh uslovi na za-
trudnitel'nykh uchastkakh rek i projektirovanie vypravi-
tel'nykh sooruzhenii." Novosibirsk, Zapadno-Sibirskoe
knizhnoe izd-vo, 1965. 69 p.

SHORT CIRCUITS

Simple way to detect short circuits. P. I. Shkarupilov.
Elektr. i topl. tizaga 10 no. 3:30 M '66.

SHORT STORY

Antonov, S. P. [I'm reading a story] IA chitala rasskaz.
Moskv. zhurnal, 1966. 45 p. (Novoe v zhizni, nauke,
tekhnike. VI Seriya: Literatura i iskusstvo, no. 4)

SHORTWAVE RADIO see Radio, Shortwave

SHOT PEENING

Basic factors in the effectiveness of the shot peening
treatment of forging dies. S. A. Dovnar. Dokl. AN BSSR
10 no. 2:101-104 F '66.

SHOULDER—WOUNDS AND INJURIES

Subcutaneous rupture of the venter of the musculus biceps
braehii. L. V. Leven, Ortop., travm. i protez. 27
no. 3:68-69 Mr '66.

SHOULDER JOINT—DISLOCATION

Creation of a brachioscapular ligament in surgical treat-
ment of habitual dislocation of the shoulder. E. P. Gurov.
Ortop., travm. i protez. 27 no. 3:69-70 Mr '66.

Surgical treatment of habitual dislocation of the shoulder
joint. N. V. Novikov. Klin. khir. no. 6:56-58 '65.

SHOULDER JOINT—SURGERY

Surgical treatment of habitual dislocation of the shoulder
joint. N. V. Novikov. Klin. khir. no. 6:56-58 '65.

SHOW WINDOWS

(see also subdivision under Leningrad Province)

Such are our show windows. B. Bolarskaya. Knizh. torg.
16 no. 12:16-18 D '65.

SHREWS

(see also subdivision under Dadans Valley)

Description of the home range of shrews with the help of
marking. N. A. Nikulina, L. D. Korchagina. Biol. MOP.
Old. biol. 71 no. 1:26-31 Ja-F '66.

SHRIMPS see subdivision under Moscow Province

SHTAERMAN, IULII IAKOVLEVICH, 1895-

Seventieth birthday of IULII Iakovlevich Shhterman. Gidr.
strol. 38 no. 1:59 Ja '66.

SHTERNFEL'D, ARI O ABRAMOVICH, 1905-

A. A. Shternfel'd's anniversary. G. V. Petrovich. Vest.
AN SSSR 36 no. 2:189-190 F '66.

- SINTERING (Continued)**
- Investigating the soda-lime sintering of a staurolite concentrate. V. Z. Kisilic, A. I. Lainer, T. I. Litvinova, Izv. vys. ucheb. zav., tsvet. met. 9 no. 1 66-70 '66
- Mastering the technology of sinter production in a furnace with a sintering surface of 252 m². A. F. Lebedev and others. Stal' 26 no. 2 101-107 F '66
- Mechanism of nodulizing coarse-grained sinter charges. V. I. Poroshin, Izv. vys. ucheb. zav. Chern. met. 9 no. 3 22-26 '66
- Mechanism of the shrinkage of zirconium difluoride during the sintering process. M. A. Kuzenkova, P. S. Kislyi, Porosh. met. 6 no. 2 45-55 F '66
- Matrices of heat-conducting R. N. Nossakova, Metallurg 11 no. 2 13 F '66.
- The reduction of fluxed sinter by natural gas. Report No. 1. O. L. Kostelov, S. T. Rostovtsev, O. A. Stepanov. Izv. vys. ucheb. zav. Chern. met. 9 no. 2 14-19 '66.
- Sinter production for the smelting of Si45 and Si75 ferro-silicon and evaluation of its quality. A. P. Em, A. V. Rabinovich, IU V. Chupel'niko. Met. i koksokhim. no. 3 60-69 '66
- Sintering petroleum coke breeze. Z. I. Siminaev and others. Neftelop. i neftekhim. no. 2 19-21 '66.
- Studying the effect of small additions of disperse aluminum oxide inclusions on the characteristics of sintered nickel. V. P. Elutin and others. Porosh. met. 6 no. 2 56-59 F '66
- Studying the mechanism of the sintering of powder copper-aluminum alloys in the presence of a liquid phase. K. V. Savitskiy, V. I. Rtn, IU, I. Kozlov. Porosh. met. 6 no. 1 5-11 Ja '66.
- Using a torsion-type electric vibrating feeder at a sintering plant. D. P. Pritykin and others. Metallurg 11 no. 2 12 F '66.
- SINTERING—PRODUCTION METHODS**
- Sintering in furnaces with additional top heating. V. A. Bashkov and others. Stal' 26 no. 2 107-109 F '66
- SITOSTEROL**
- Isolation of daucosterin from *Acaethopanax sessiliflorum*. L. A. Elakova and others. Khim. prirod. soed. 2 no. 1 32-34 '66.
- SIYASH REGION (UKRAINE)—GEOLOGY, STRATIGRAPHIC**
- Stratigraphic position and age of the so-called Siyash layers. V. I. U. Zosimovich. Mat. po geol., geofiz. i geokhim. Ukr., Kazakh, Zabaik. no. 2 14-23 '66.
- SIZING (PAPER)**
- Paper sizing with the aqueous dispersions of the hexadecyl-terpene dimer. Report No. 3. N. P. Perekal'skii, I. N. Antonovich, Z. M. Kriukova. Trudy LITISBP no. 17 17-24 '65.
- Polymerized colophony for paper sizing. S. A. Puzyrev, A. V. Sedov. Bum. prom. no. 3 11-12 Mr '66.
- SIZING (TEXTILE)**
- Possibility of differentiated sizing of the warp by the width. D. L. Parfenov, V. V. Zhivelin. Tekst. prom. 26 no. 3 37-39 Mr '66.
- SKARNS** see subdivision under Soviet Far East
- SKARYNA, PRANTSISII**, ca. 1490-ca. 1535
- Brahn, Symon*, [Doctor Skaryna in Moscow?] Doklar Skaryna u Moskve. New York, Belaruski Institut nauki i nastaitstva, 1963. 32 p. (NN)
- Linguistic characteristics of P. Skaryna's works in V. Zhurav's handwritten versions. U. V. Anichenka. Vestsi AN BSSR. Ser. gram. nav. no. 1 102-111 '66.
- SKAZKIN, SERGEI DANILOVICH**, 1890-
- Academician S. D. Skazkin. E. V. Gubnova and others. Vop. ist. 41 no. 4 148-156 Ap '66.
- SKELETON—RADIOGRAPHY**
- X-ray and morphological examination of the skeleton following radiotherapy in tumors of the pelvic organs. L. A. Cherkasskii, K. B. Shimanovskaya. Med. rad. 11 no. 3 35-39 Mr '66
- SKILLED LABOR**
- The skilled labor force: cost, price, and place in capitalist production. V. Koryzhenko. Mir. ekon. i mezhdunar. otn. no. 4 96-106 '66.
- SKIN**
- Kabanov, A. N. [Physiology of man and animals; textbook for faculties of the natural sciences of pedagogical institutes] Fiziologiya cheloveka i zhivotnykh, uchebnik dlia fakul'tetov estestvoznaniia pedagogicheskikh institutov. Izd. 2., tspr. i dop. Moskva, Prosveshchenie. Pl. 2. [Internal organs, metabolism, and skin] Vnutrennie organy, obmen veshchestv i kozh. 1965. 377 p.
- SKIN—DISEASES**
- (see also subdivision under Alma-Ata; Petrozavodsk)
- Early cutaneous changes under the effect of industrial solvents. V. I. Rogalin. Vest. dermat. i ven. no. 8 24-29 '65.
- Liver disorders in some chronic dermatoses. L. P. Nurmand. Vest. dermat. i ven. no. 8 16-19 '65.
- Occupational dermatoses and their prevention in workers of a building materials combine. A. S. Zenin, I. S. Lazarev. Vest. dermat. i ven. no. 8 55-57 '65
- Results of the use of some sulfur derivatives in local therapy of skin diseases. B. M. Lebedev. Vest. dermat. i ven. no. 8 32-35 '65
- Results of using an ointment containing biostimulating aloe juice. IU K. Skupkin, O. I. Sharanova. Vest. dermat. i ven. no. 8 71-75 '65
- Toxicodermnia caused by kerosene. N. A. Torsuev, L. M. Goldshel'n. Vest. dermat. i ven. no. 8 77-78 '65
- Vesicular dermatoses. K. M. Loban, E. V. Ryzhkov. Sov. med. 29 no. 1 135-139 Ja '68
- SKIN—INNERVATION**
- Changes in the sensitivity of the skin in old age. A. A. Rudzits. Trudy LIETIN no. 18 59-61 '65.
- SKIN—WOUNDS AND INJURIES**
- Mucopolysaccharide histochemistry in healing skin wounds. V. V. Vinogradov. Arkh. pat. 28 no. 1 49-53 '66.
- SKIN GRAFTING**
- Effect of homologous skin extracts on the duration of the viability of skin homografts in rats. N. I. Telesheva. Eksp. khir. i anest. no. 4 67-69 '65.
- Homozygosity of C57BL/10ScSn, C57/J, CC57BR and CC57 strains of mice in tests with skin transplantation. I. K. Egorov, N. N. Medvedev. Genetika no. 2 130-135 '66
- Indications for different types of skin grafting (lymphoplasty) in a radical operation on the middle ear. S. G. Katsenelson, Shor. nauch. rab. vrachei Kar. ASSR. no. 4 126-133 '62.
- Pathomorphological changes in preserved and implanted skin and the tissue surrounding the implant. P. F. Simbirskiy. Trudy Mosk. vel. akad. 22 no. 2 50-60 '58
- SKIS AND SKIING**
- Elementary training of the 12-15-year-old adolescents in ski jumps from the springboard. V. K. Nasimovitch. Teor. i prak. fiz. kul't. 20 no. 2 21-24 F '66.
- Raising the quality of the training process. V. M. Neumov. Teor. i prak. fiz. kul't. 29 no. 3 9-11 Mr '66.
- Results of ski jumps from a springboard in relation to the methods of training in dual contests. A. A. Krestovnikov. Teor. i prak. fiz. kul't. 29 no. 2 27-29 F '66.
- Skiing techniques of the middle-aged and the elderly. E. I. A. Zhelezkovskii, T. N. Shmagina. Teor. i fiz. kul't. 29 no. 2 64-65 F '66.
- Speed training in ski races based on biochemical and physiological research. E. G. Terokhin. Teor. i prak. fiz. kul't. 29 no. 2 35-37 F '66.
- Suspended element of a ski jump. A. S. Gorodetskii, V. N. Shevchenko. Stroi. i arkhitekt. [zhurnal] no. 2 65-70 '65.
- Technology of erecting completely prefabricated guy ski jumps. M. M. Darskii. Stroi. i arkhitekt. [zhurnal] no. 2 71-75 '65.
- Ways for further improvement of the methods of dual skiing contest training. E. A. Grozin and others. Teor. i prak. fiz. kul't. 29 no. 2 19-21 F '66.
- SKULL**
- Interfenestral line on the skull of some mammals. Kh. Khadzhaev. Arkh. anat., gist. i embr. 50 no. 1 58-62 Ja '66.
- Some controversial problems of cranial rheography. B. S. Agte. Fiziol. zhur. 52 no. 3 308-311 Mr '66.
- SKULL—DISEASES**
- Osteomyelitis of the skull. N. M. Moschuk. Klin. khir. no. 8 84-86 '65.
- SKULL—TUMORS**
- Benign tumors of the bones of the cranial vault. A. G. Sadykhov. Azerb. med. zhur. 43 no. 3 61-66 Mr '66.
- SKULL—WOUNDS AND INJURIES**
- Expertise of capacity for work and practical job placement of persons having had closed craniocerebral traumas, based on materials of the Kandalaksha City Medical Expertise Commission on Work Ability. A. P. Odes. Trudy LIETIN no. 18 31-38 '65.
- Some problems of the clinical aspects and of the expertise of capacity for work in late sequelae of an open craniocerebral trauma. A. I. Kharlamova. Trudy LIETIN no. 18 24-30 '65.
- SLAG**
- Action of molten ferrous slags on spinel-like periclase refractories. I. A. V. Klucharov, S. A. Suvorov. Ognep. 31 no. 3 34-42 '66.
- Application of the non-destructive method in the analysis of basic open-hearth furnace slags. Determination of CaO and MgO. N. P. Orzhimskaya, L. I. Ganago. Izv. vys. ucheb. zav., khim. i khim. tekhn. 8 no. 6 898-901 '65.
- Centrifugal casting of pipe made of molten slags. I. A. Cherniavskii, S. N. Miller. Lit. proizv. no. 2 3-4 F '66.
- Development of a new technology for the recovery of vanadium from converter slag. S. A. Amirova and others. Shor. nauch. rab. vrachei Kar. ASSR. no. 10 131-137 '61.
- Economics and planning of the slag building materials industry. R. L. Pevzner, I. M. Gludina. Stal' no. 1 30 Mr '66
- Equipment for the granulation of top blast furnace slag. N. G. Makhanek. Stal' 26 no. 1 21 Mr '66
- Mechanizing the feeding of sand into the ladle with pig iron. A. D. Vasil'ev and others. Metallurg 11 no. 1 19 F '66.
- Method of investigating the kinetics of the interaction of two liquid phases in conditions of controlled convection. V. D. Shantala, V. N. Horonenkov, P. M. Shurygin. Izv. AN SSSR, Met. no. 1 10-15 Ja '66.
- A new method of removing slag from soaking ladles. B. B. Dolmatov and others. Metallurg 11 no. 1 26-27 Mr '66.
- Preliminary oxidation as a means of increasing the degree of vanadium recovery from converter slags. S. A. Amirova and others. Shor. nauch. rab. vrachei Kar. ASSR. no. 10 121-123 '61
- Preparing a phosphorus-free manganese slag by the duplex process, cyclone - electric furnace. N. I. Buzina and others. Met. i koksokhim. no. 3 49-59 '63.
- Slag conditions in the finishing period of a 600-ton open-hearth smelting process. N. P. Pankov, G. S. Kolmogorov, V. M. Sevetnik. Metallurg 11 no. 2 14-15 F '66.
- Theory of metal treatment in the ladle with electric furnace synthetic slags. N. M. Chubko and others. Met. i koksokhim. no. 3 17-27 '65
- Wetting and assimilation of nonmetallic inclusions by oxide and fluoride slags. V. M. Kudina, V. I. Ivanovskii. Izv. vys. ucheb. zav. Chern. met. 9 no. 3 15-21 '66.
- SLAG—ANALYSIS**
- Iron content in converter top sludge during the top oxygen blowing of pig iron. D. V. Pankov. Stal' 26 no. 2 111-120 F '66
- Losses of copper, nickel, and cobalt in reverberatory furnace slags. N. I. Utkin, N. M. Dergachev, P. M. Anan'ov. Tsvet. met. 39 no. 1 49-51 Ja '66
- Phase constitution of oxygen-blown converter phosphate slags with a low silica content. A. V. Rudnova, V. V. Kazanskii. Izv. AN SSSR, Met. no. 1 28-32 Ja '66.
- Reduction of vanadium-bearing spinellite and slag by hydrogen. S. A. Amirova and others. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 1 95-98 '66.
- Silicon and manganese distribution between metal and slag in the production of manganese alloys. N. V. Tolstoguzov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 2 55-62 '66.
- SLAG—MAGNETIC PROPERTIES**
- Connection between the magnetic properties of lead slags and certain conditions of smelting. S. I. Bludov, A. F. Guriev. Izv. vys. ucheb. zav.; tsvet. met. 9 no. 1 11-15 '66.
- SLAG—TESTING**
- Amount and distribution of metal in slags of ferroboron production. P. P. Karakov, S. V. Rudkov, A. I. Filippov. Izv. vys. ucheb. zav. Chern. met. 9 no. 1 84-87 '66.
- Heterogeneity of the composition of metal and slag along the length of a large-capacity open-hearth furnace. M. I. Medzhiborzhskii, A. A. Kazakov, I' V. Gubarev. Izv. vys. ucheb. zav. Chern. met. 9 no. 3 70-71 '66.
- SLATE—TRANSPORTATION**
- Some problems of planning for supply and transportation with the aid of electronic computers. A. B. Kaplan, P. A. Akimova. Trudy MIIT no. 21 35-45 '66.
- SLAUGHTERING AND SLAUGHTERHOUSES**
- (see also subdivision under Uzbekistan)
- New design of a slaughterhouse. V. Kilmanov. Sov. potrebn. koop. 10 no. 1 25 Mr '66
- SLAVERY**
- Slavery in Kiovan Rus'. I. I. A. Frolov. Vest. LGU 20 no. 2 83-93 '65.
- SLAVIC FOLKLORE** see Folklore, Slavic
- SLAVIC LANGUAGES—FOREIGN ELEMENTS—GREEK**
- Characteristics of bilingualism in the epoch of St. Cyril and St. Methodius. E. M. Vereshchagin. Sov. slov. no. 2 61-66 '66.
- SLAVIC LANGUAGES—GRAMMAR, COMPARATIVE**
- Study of verbal-substantive word combinations which express causal relations in East Slavic languages. G. S. Lukar. Zbir. nauk. prats' asp. z filol. Kyiv. un. no. 18 69-73 '65.
- SLAVIC LITERATURE—HISTORY AND CRITICISM**
- Leningrad. Universitet. [Interrelations of the Slavic literatures] Vzmnozheniia slavianskikh literatur, sbornik statei, [Leningrad] 1966. 161 p.

SIKHOTE-ALIN' RANGE—GEOGRAPHICAL DISTRIBUTION OF ANIMALS AND PLANTS

The Sikhote-alin line in the biogeography of the Sikhote-alin, A. I. Furentov, Zap. Priam. fil. Geog. ob-va SSSR no. 1:101-106 '66.

SILAGE

(see also subdivision under Russia, Northern)

Effect of acidophilic yeast silage from corn on the abdominal secretion in calves. V. D. Mironova. Izv. AN Kazakh. SSR, Ser. biol. nauk 1 no. 1:67-70 Jan-F '65.

Enriching corn with forage beet in winter. T. V. Gorb, S. T. Kiltseiko. Vest. sel'khoz. nauk 10 no. 7:107-111 Jan '65.

Symposium on new silage plants. P. P. Vavilov, V. S. Sokolov, K. A. Moiseev. Vest. sel'khoz. nauk 11 no. 3:111-143 Mar '66.

Third symposium on the new silage crops. Zemledelie 28 no. 1:86-87 Jan '66.

SILANE

Addition of anilines of various structures to vinylsilanes. N. S. Nemetkin and others. Dokl. AN SSSR 167 no. 1:106-108 Mar '66.

Effect of bacterial fermenta on the vitamin B₂ content in silage. V. I. Klim. Izv. AN Kazakh. SSR, Ser. biol. nauk 1 no. 1:30-34 Jan-F '65.

Hydrolysis of isocyanosilanes. V. A. Vekhov, I. P. Dudnik, E. I. Ruzhantseva. Zhur. neorg. khim. 10 no. 10:2350-2362 Oct '65.

Hydrolytic polycondensation of higher alkyltrichlorosilanes. K. A. Andrianov, B. A. Izmailov. Zhur. ob. khim. 36 no. 2:311-345 Feb '66.

Liquid-vapor equilibrium in the systems of trichlorosilane with CCl₄, TiCl₄, BCl₃. I. I. Lapidus, L. A. Niselskii, A. A. Karateeva. Zhur. neorg. khim. 10 no. 10:2377-2374 Oct '65.

Polymerization of phenylcyclosiloxanes. K. A. Andrianov and others. Dokl. AN SSSR 166 no. 1:855-856 Jan '65.

Preparation of chlorodiphenyl-silane from tetra-chlorosilane and phenyl sodium. R. A. Turetskaya, S. A. Golubisov, V. G. Dzvonar'. Plast. massy no. 3:36-37 '66.

Preparation of silicon carbide by thermal decomposition of methylchlorosilane vapors. L. M. Ivanova, G. A. Kazarina, A. A. Pletushkina. Izv. AN SSSR, Neorg. mat. 2 no. 7:221-228 Feb '66.

Problems of promoters and poisons in the direct synthesis of methylchlorosilanes. N. P. Lobusovich and others. Zhur. ob. khim. 36 no. 2:345-346 Feb '66.

Synthesis and study of some properties of trialkyl (aryl) difluorophosphatesilanes. A. P. Kreshkov, V. A. Dorozov, I. Yu. Orlowa. Zhur. ob. khim. 36 no. 3:525-528 Mar '66.

Synthesis of high-molecular polyvinyltrimethylsilane and some of its properties. N. S. Nemetkin, V. S. Khotimskii, S. G. Dargutian. Dokl. AN SSSR 166 no. 5:1116-1120 Feb '66.

SILICA

Adsorption and spectroscopic investigation of geometrically modified wide-pore silica gels containing ultrapores. N. V. Akhinskaya and others. Koll. zhur. 28 no. 1:3-10 Jan-F '66.

Adsorption of some unsaturated hydrocarbons on silica gel from their solution in heptane. I. A. Musnev and others. Neftokhimiya 5 no. 4:803-808 Jan-Ag '65.

Application of the ion exchange method for the removal of silica from black liquor obtained in the sulfate pulping of reed. V. A. Grabovskii, A. B. Mirshak. Trudy I. ITSDP no. 17:37-42 '65.

Hydroxyl groups on the surface and inside of silica gel globules obtained from hydrothermally treated hydrogels. V. M. Chertov and others. Zhur. fiz. khim. 40 no. 3:520-525 Mar '66.

Importance of the nature of intermolecular liquid in the formation of silica gel porous structure. R. Yu. Sheluskin and others. Koll. zhur. 28 no. 1:142-145 Jan-F '66.

Kinetics of interaction of liquid silicon with silica. I. V. Rishchikov, M. S. Khushchev, I. A. S. Shchodrovitskii. Dokl. AN SSSR 167 no. 1:156-157 Mar '66.

Products of interaction between active silicon and metal ions in ammonia solutions. M. I. Bulatov, V. B. Aleksovskii, Zhur. prikl. khim. 39 no. 2:284-288 Feb '66.

Properties of silicon dioxide formed in the processing of fluosilicic acid of superphosphate plants to aluminum chloride. L. D. Sklyarov. Zhur. prikl. khim. 39 no. 2:305-311 Feb '66.

Reaction of silica gel and aluminosilica gel with ammonia solution of magnesium salt. M. F. Smirnov, A. P. Dushina, V. B. Aleksovskii. Izv. AN SSSR, Neorg. mat. 2 no. 2:284-290 Feb '66.

Regularities of crystallization and the nature of quartz glass. A. G. Deganov, V. S. Rudenko, G. L. Bashkina. Izv. AN SSSR, Neorg. mat. 2 no. 2:363-375 Feb '66.

SILICATES

Calculation of alkaline siliceous solutions by calculated magnesia. G. G. Martirosian, G. O. Grigor'ian, M. G. Manvelian. Zhur. prikl. khim. 39 no. 2:266-270 Feb '66.

Investigating the soda-lime sintering of a staurolite concentrate. V. E. Kisilev, A. I. Lainer, T. I. Litvinova. Izv. vyz. ucheb. zav. i inst. mel. 9 no. 1:66-70 '66.

Thermal and physical processes of formation of cast silicate crystalline materials. I. I. Bykov, B. Kh. Khan. Izv. AN SSSR, Neorg. mat. 2 no. 2:381-389 Feb '66.

SILICATES—ELECTRIC PROPERTIES

Conductance of fused silicates containing iron oxides. E. A. Pastukhov, O. A. Esin, S. K. Chuchmaev. Elektrokhimiya 2 no. 2:209-215 Feb '66.

SILICEOUS ROCKS see Rocks, Siliceous

SILICON

Anisotropy of the microhardness of silicon and germanium. P. L. Edel'man. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3:171-173 '61.

Electrochemical oxidation of silicon in ethylene glycol. S. P. Mamnova, L. L. Olynets. Elektrokhimiya 2 no. 3:346-350 Mar '66.

Kinetics of interaction of liquid silicon with silica. I. V. Rishchikov, M. S. Khushchev, I. A. S. Shchodrovitskii. Dokl. AN SSSR 167 no. 1:157-157 Mar '66.

Microstructural study of the process of anode pickling of silicon in hydrofluoroacid solutions. T. K. Ivanova, A. S. Litovtchik. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 2:73-75 '66.

Oxide films on silicon. V. A. Arslambetov, G. V. Smirnov. Izv. AN SSSR, Neorg. mat. 2 no. 2:217-222 Feb '66.

SILICON—SPECTRA

Photoconductivity spectra of p-silicon irradiated by fast electrons. A. N. Sevechenko, V. D. Tkachev. Dokl. AN SSSR 166 no. 2:80-82 Feb '66.

SILICON-ALUMINUM ALLOYS see Aluminum-silicon alloys

SILICON CARBIDE

Preparation of silicon carbide by thermal decomposition of methylchlorosilane vapors. L. M. Ivanova, G. A. Kazarina, A. A. Pletushkina. Izv. AN SSSR, Neorg. mat. 2 no. 7:223-228 Feb '66.

SILICON CARBIDE—ELECTRIC PROPERTIES

Study of the electric properties of silicon carbide containing impurities. Sh. Kh. Saidukov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 2:79-80 '66.

SILICON COMPOUNDS

Preparation of chlorodiphenyl-silane from tetra-chlorosilane and phenyl sodium. R. A. Turetskaya, S. A. Golubisov, V. G. Dzvonar'. Plast. massy no. 3:36-37 '66.

SILICON CRYSTALS, EFFECT OF RADIATION ON

Effect of gamma radiation on silicon microhardness. M. A. Krivov, G. I. Potakhova, L. P. Rybkina. Izv. vyz. ucheb. zav. i inst. 9 no. 1:180-191 '66.

SILICON ELECTRODES see Electrodes, Silicon

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON-MANGANESE ALLOYS see Manganese-silicon alloys

SILICON NITRIDES—OXYGEN CONTENT

Determining the oxygen content in partially oxidized silicon nitride. K. K. Kolobova, V. S. Iakovleva, E. L. Zakharov. Ognepromy 1 no. 3:52-55 '66.

SILICON ORGANIC COMPOUNDS see Organosilicon compounds

SILK

"On puff on the road." F. Gitterman, L. Gusek. Sov. toig. 39 no. 4:38-39 Apr '66.

SILK MANUFACTURE—MANAGEMENT see subdivision under Dairies (Ukraine)

SILKWORM BREEDING see subdivision under Moldavia

SILKWORMS—DISEASES AND PESTS

Effect of chloramphenicol on polyhedrosis, the nucleic acid and protein metabolism in silkworms. L. M. Tarasovich, E. F. Ulanova. Dokl. AN SSSR 166 no. 4:970-973 Feb '66.

SILOXANES

Polymerization of methylphenylcyclosiloxanes. K. A. Andrianov and others. Vysokom. soed. 8 no. 2:352-356 Feb '66.

Preparation of compounds based on siloxane rubber. N. V. Prilonskaya, S. N. Arkina. Kauch. i rez. 25 no. 2:8-9 '66.

Production of organosiloxane elastomers with a given molecular weight by means of anion polymerization of organocyclosiloxanes. V. P. Davydova, Z. S. Lebedeva, V. G. Oplachko. Kauch. i rez. 25 no. 2:3-5 '66.

Rheological properties of a low-molecular polymethylsiloxane polymer and pastes based on it. T. I. Zaisapina, A. A. Trapeznikov, R. N. Sheherbakova. Koll. zhur. 28 no. 1:30-45 Jan-F '66.

SILT see subdivision under Caucasus Mountains; Uzbekistan; Zernovskan River

SILT—MICROBIOLOGY

(see also subdivision under Sevan, Lake)

Microflora typical to sea and freshwater silts. V. V. Khamushkin. Dop. AN URSR no. 1:126-128 '66.

SILVER OXALATE

Effect of gaseous medium on the rate of thermal decomposition of ammonium oxalate and silver oxalate. T. S. Gaidukov, A. I. Ianchuk. Dokl. AN BSSR 10 no. 1:20-31 Jan '66.

SILVER PLATING

Dicyanogenate-thiocyanate electrolyte for bright silver plating. V. A. Kalkaris, I. Yu. Pivovarov, V. V. Markushas. Elektrokhimiya 2 no. 2:234-236 Feb '66.

Process of silver electrodeposition from complex electrolytes. Part 3. Kinetics of silver discharge from cyanide electrolytes. E. A. Nechaev, R. Yu. Bek. Elektrokhimiya 2 no. 2:150-154 Feb '66.

SIMAZINE

Effect of simazine and heptachlor on soil fauna and the soil content of available nutrients. T. P. Shashkina, V. I. Zharkov. Khim. v sel'khoz. 4 no. 3:50-52 Mar '66.

Testing of some herbicides in Abkhazia. P. B. Alan, G. A. Tavandzhia. Trudy Sukh. opyt. sta. eff. nomal. kull't. no. 5:75 '61.

SIMFEROPOL—HOSPITAL PHARMACIES

Some economic data on the work of an interhospital pharmacy in the Crimea. I. K. Baranovskii, B. P. Zetepukhin. Apt. delo 15 no. 1:61-67 Jan-F '66.

SIMFEROPOL REGION—WATER, UNDERGROUND

Hydrogeological conditions of the Dzhanok exploratory area. A. F. Romanuk, I. N. Likhomanova. Geol. i geo-khim. nef. i gaz. mestorozh. no. 3:81-89 '65.

SIMILITUDE, THEORY OF

Calculating force parameters for the rolling process by the similitude method according to "appropriate" experimental data. I. M. Chizhikov. Izv. vyz. ucheb. zav. i inst. 9 no. 3:102-106 '66.

SIMIRENKO, LEV PLATONOVICH, 1855-1920

In memory of an outstanding horticulturist. A. Pavlov. Vest. sel'khoz. nauk 10 no. 6:133-135 Jun '65.

SIMONOV, KONSTANTIN MIKHAILOVICH, 1915-

A many-sided talent. Boris Polevoi. Sov. voim. 47 no. 22:13 Mar '65.

SIMULATION METHODS

Experimental study of electromagnetic ejection of a sphere and assemblies of bodies from a conducting liquid under constant. A. V. Andreev, U. TS. Andreev, S. A. Likhova. Mag. gl. no. 1:146-152 '65.

Simulating the complex heat transfer in combustion chambers. V. T. Kuznetsov. Trudy MFT no. 22:34-41 '65.

Simulating the operating process of mining loaders. V. F. Sytnik, B. P. Semko, G. I. Strel. i dor. mash. no. 2:46-55 '65.

Simulation of the motion of liquid metal in an induction melting furnace. L. L. Tlr. Mag. gl. no. 1:125-128 '65.

SIMULTANEOUS EQUATIONS see Equations, Simultaneous

SIMVOL, PETR PAVLOVICH, 1880-1965

P. P. Simvol; obituary. Mias. ind. SSSR 37 no. 1:59 '66.

SINGAPORE (CITY)—DESCRIPTION

Singapore: photographic report. L. Pleshakov. Az. i Afr. scg. 9 no. 3:32-33 Mar '66.

SINGERS

Propagandists of chamber singing. L. Zhilov. Sov. muz. 30 no. 3:100-102 Mar '66.

SINGLE-LENS REFLEX CAMERAS

Single-lens mirror photographic cameras with leaf shutters producing size 24 x 36 mm pictures. I. Chernyi. Opt. mekh. prom. 33 no. 2:15-20 Feb '66.

SINGLE-RAIL RAILROADS see Railroads, Single-rail

SINTERING

Behavior of sinter and an ordinary charge at ferro-silicon production temperatures. I. V. Chespenko, A. P. Em. Met. i koksozhim. no. 3:70-77 '65.

Determining mean dimensions of pores of sintered porous metals. S. V. Bolov. Izv. vyz. ucheb. zav. i inst. no. 1:158-163 '66.

Effect of fluxes on the development of oxidation-reduction processes during the sintering of magnetite concentrates. A. A. Sigov, V. A. Shurkhal. Izv. vyz. ucheb. zav. i inst. no. 9 no. 2:28-30 '66.

Highly-basic bauxite sinters. V. A. Utkov and others. Stal' 26 no. 3:212-213 Mar '66.

Investigating conditions of producing materials on a boron and aluminum nitride base. L. I. Prikhod'ko. Porosh. met. 8 no. 1:17-22 Jan '66.

SOCIALISM
(see also subdivision under Underdeveloped areas)
Paulova, V. A. ["Liberation of work" group and the international socialist movement of the 1880's and 1890's] Gruppy "Osvobodivnye trudy" i mezhdunarodnye sotsialisticheskie dvizheniya 80-90-e gody VDK veka Kishinev, Karta Moldovenaste, 1963 65 p
(NIC)

Socialist humanism and its distinctive characteristics, L. K. Gushanov. Mezhvostochny kishun no. 3 31-11 '61

Some characteristics of the development of socialism, V. Zh. Kell. Voprosy, 20 no. 3 11-24 '66

SOCIALISM AND LAW see Law and socialism

SOCIALISM IN LITERATURE

Ideas of socialism in the Russian classical literature of the 19th century, I. I. Pustov. Vest AN SSSR 36 no. 1 69-72 Ja '66

SOCIALIST COMPETITION

Communists are in the avant-garde, F. Matveev. Porzdelo no. 1 6 Ja '66

Competition between the collectives of longshoremen and seamstresses, V. Ivanov. Mor. flot 26 no. 2 5-6 F '66

Competition in honor of the 23d Congress of the CPSU, M. M. Shmeln. Khebi kond. prom. 10 no. 3, 4-5 Mr '66

Competition of grain-reaping stations, Zakup sel'khoz. prod. no. 6 34-35 Ja '63

Two distinguished welcome to the 23d Congress of the CPSU, A. V. Anisimov, A. M. Kostukovich, S. F. Solchik. Voen.-m. zhur. no. 2 15 F '66

In the front ranks, V. Koshchev. Zakup sel'khoz. prod. no. 1 11-13 Ja '66

Industrial efficiency of the collective of the Moscow Railroad, V. A. Nudachin, V. V. Sharaf. Elek. i tepl. taiga 10 no. 3 6-8 Mi '66

Let us greet the CPSU Congress with worthy achievements! Soc. profsoyuz 22 no. 3 1-8 F '66

Results of the socialist competition of the collectives of sugar factories in the R S F S R, Sakh. prom. 10 no. 3 4 Mr '66

Socialist competition in honor of the 23d Congress of the CPSU, G. G. Gidroliz. i lesokhm. prom. 18 no. 2, 1-2 '66

Socialist competition of veterinary specialists, N. I. Lufmanov. Veterinariia 42 no. 1 14-5 Ja '66

Tested method of the building of communism, A. Shiylo. Sov. profsoyuz 22 no. 4 38-39 F '66

Together with all the people, N. V. Putukhov. Vest protiv otd. obr. no. 1 10-15 Ja '66

Value of a second, I. Chugunov. Sov. voyn 47 no. 19 10-7 O '66

Work organization is the principal factor, V. Suslova. Porzdelo no. 1 6 Ja '66

SOCIALIST PARTIES

Problem of the working class's unity in the struggle for social progress, S. Gribanov, I. Undasnov. Mir. ekon. i mezhdunar. otn. no. 3 61-91 '66

SOCIALIST PARTY see subdivision under Ukraine; United States

SOCIALIST REALISM

Are the poor in spirit really blessed? A. Chakovskii. Kommunist 42 no. 4 80-80 Mr '66

SOCIOLOGY

Ashin, G. K. [Modern bourgeois sociology; a critical study of idealistic theories about the role of the public masses and the individual personality in history] Sovremennaya burzhuaznaya sotsiologiya; kriticheski ocherk idealisticheskikh teorii o roli raznykh mass i lichnosti v istorii. Moskva, Vysshaya shkola, 1965, 203 p.

Certain common problems of biology and sociology, G. I. Hoiak. Filos. probl. such. pyrod. no. 4 67-73 '65

Krasin, I. U. A. ["Sociology of revolution" against revolution] "Sotsiologiya revoliutsii" protiv revoliutsii. Moskva, Politizdat, 1966, 94 p.

Socialist society and the individual, M. Petrosian. Kommunist 42 no. 3 51-71 F '66

Useful book of a Leningrad sociologist, E. D. Modrzhinskaya. Voprosy, 20 no. 3 153-155 '66

SODA INDUSTRY—BY-PRODUCTS

Complex processing of table salt. Part I: New flow sheet for the complex processing of table salt, M. G. Manvelian, G. O. Grigorian, S. S. Karapinian. Izv. AN Arm. SSR. Khim. nauki 17 no. 5 573-578 '64

SODIUM

Isolates of the sodium content in the crystallization fields of potassium salts on the diagram for a five-component marine-type system, I. I. Alilaberdiev. Uch. zap. Turk. gos. un. no. 28 51-60 '64

Preparation of chlorotriphenyl-silane from tetra-chlorosilane and phenyl sodium, R. A. Turelskaya, S. A. Golubov, V. G. Dzvonar. Plast. massy no. 3 36-37 '66

Study of the system $2Na + NaOH \rightleftharpoons Na_2O + NaH$, E. M. Mitkevich, B. A. Shikhov. Zhur. neorg. khim. 11 no. 3: 639-643 Mr '66

System metallic sodium - caustic soda, E. M. Mitkevich, B. A. Shikhov. Zhur. neorg. khim. 11 no. 3 633-638 Mr '66

SODIUM—PHYSIOLOGICAL EFFECT

Sodium and potassium in rations for young animals, V. A. Gornunov. Vest. sel'khoz. nauki 10 no. 7 93-95 '65

SODIUM ACETATE

Effect of sodium acetate on the vapor-liquid phase equilibrium in the system acetic acid - formic acid - water - sodium acetate, L. M. Dzhukhlovskiy, I. N. Tsiplaris, V. B. Kogan. Gidroliz. i lesokhm. prom. 10 no. 2 11-13 '66

SODIUM ACETATE—ELECTRIC PROPERTIES

Conductance of perchloric acid and sodium acetate in a water-acetic acid mixed solvent, I. N. Kuznetsova, M. S. Zakhar'yevskii, M. V. Kugel'. Vest. LGU 21 no. 4 98-105 '69

SODIUM ALCOHOLATES

Kinetics of the reaction of a phosphonite chloride dimer with Na alcoholates, M. T. Sorokin, V. K. Latov. Khim. i kat. 7 no. 1 42-18 Ja-F '66

SODIUM ALUMINOSILICATES

Composition of white sludges of alumina production, T. I. Avdeeva, A. A. Novolodskaya. Zhur. prikl. khim. 39 no. 2 293-298 F '68

SODIUM ALUMINUM HYDRIDE

Reaction of sodium aluminum hydride with alcohols, L. I. Zakharin, D. N. Maslin, V. V. Gavrilenko. Zhur. ob. khim. 38 no. 2 200-206 F '65

SODIUM CARBONATES

Studying the carbonization of ammonia-and-soda solutions, V. F. Vlasov, I. N. Shokin, S. A. Krashennikov. Khim. prom. 42 no. 3 189-192 Mr '66

SODIUM CHLORIDE

Effect of sodium chloride on the properties of calcium sulfate β -hemihydrate, A. T. Logvinenko, M. A. Savinkina, I. A. Ogloblina. Izv. SO AN SSSR no. 11, Ser. Khim. nauk no. 3 147-153 '64

Interaction of europium (III), holmium, and erbium chlorides with sodium chloride, B. G. Korshunov, D. V. Drobot. Zhur. neorg. khim. 10 no. 10 2310-2314 O '65

SODIUM HYDROXIDE

Solubility of hydroxides of some lanthanides in caustic soda solutions, B. N. Ivanov-Emin and others. Zhur. neorg. khim. 11 no. 3 475-477 Mr '66

Study of the system $2Na + NaOH \rightleftharpoons Na_2O + NaH$, E. M. Mitkevich, B. A. Shikhov. Zhur. neorg. khim. 11 no. 3: 639-643 Mr '66

System metallic sodium - caustic soda, E. M. Mitkevich, B. A. Shikhov. Zhur. neorg. khim. 11 no. 3 633-638 Mr '66

SODIUM IN THE BODY

Use of flame photometry in the study of the activity of cations, determination of sodium ion concentration, V. M. Gietakii. Apt. delo 14 no. 3 19-25 My-Je '66

SODIUM ISOTOPES

Use of nonaqueous solvents for isolating radioactive ^{22}Na from irradiated magnesium, N. P. Rudenko, A. S. Zhukovskaya. Radiokhimiia 8 no. 1 63-66 '66

SODIUM MOLYBDATES—ELECTRIC PROPERTIES

Electric conductivity and viscosity of sodium isopoly-molybdate, B. M. Reingold, A. P. Nadol'skii. Izv. vys. ucheb. zav.; tevt. mei. D no. 1 80-84 '66

SODIUM PERCHLORATE

Thermography of sodium perchlorate solutions, Van Ven'sin [Wang Wen-hsing], L. T. Bugaenko, V. N. Belovskii. Zhur. neorg. khim. 11 no. 3 673-675 Mr '66

SODIUM SILICATE CRYSTALS

Determination of the heats of solution of sodium metasilicate crystal hydrates and double salts based on sodium and potassium silicates, G. G. Babian, G. N. Sarkisian, Dzh. A. Gedekian. Izv. AN Arm. SSR. Khim. nauki 17 no. 5 491-494 '64

SODIUM SILICATES

Mechanism of stabilization of hydrogen peroxide by sodium silicate in the process of bleaching, I. Kh. Rashtin, F. I. Sadov, G. A. Bogdanov. Zhur. prikl. khim. 39 no. 2 327-333 F '68

SODIUM SULFATES

Reduction of sodium sulfate by the products of crude oil pyrolysis, V. T. Kunin, V. A. Nikitin, I. P. Kirilov. Izv. vys. ucheb. zav., khim. i khim. tekhn. 8 no. 6 974-978 '65

System $Na^+, Al^{3+} || SO_4^{2-}$, P. I. Fedorov, Chzhan Chiu-ling [Chang Chih-yun]. Zhur. neorg. khim. 11 no. 3: 669-671 Mr '66

SODIUM SULFIDES

Corrosion resistance of materials under conditions of sodium sulfide production, L. A. Polubinskaya and others. Khim. prom. 42 no. 3 230-233 Mr '66

SODIUM THIOSULFATE

Measurement of the thermal effects of the reaction of ammonium persulfate ($NH_4)_2S_2O_8$ with sodium thiosulfate $Na_2S_2O_3$ at various ratios, I. E. Fila, N. P. Dymalchuk, G. V. Karpenko. Trudy ITTSTP no. 16: 79-81 '65

SOFIA—PUPPETS AND PUPPET PLAYS

Music and puppets, N. Smilnova. Sov. muz. 30 no. 7: 120-135 Mi '66

SOIL, PODZOLIC

see Podzol

SOIL BIOLOGY

(see also subdivision under Azerbaijan)

Determining the sulfate reductase activity in soil, A. Sh. Galst'yan. Dokl. AN SSSR 166 no. 4 959-960 F '66

SOIL CEMENT—TESTING

Rapid testing of soil-cement mixes, A. Ivanovlev, R. Volosova, I. U. Amantulov. Avi. dok. 29 no. 3: 10-11 Mi '66

SOIL CHEMISTRY

(see also subdivision under Gorky Reservoir)

Effect of herbicides on the dynamics of nutrients and microflora in soils of an orchard, N. S. Porysheva, A. I. Lesogorova, E. T. Musyckin. Khim. v sel'. khoz. 4 no. 3 45-49 Mr '66

SOIL CONSERVATION

(see also subdivision under Kazakhstan, Volga Valley)

Agricultural and silvicultural measures as a factor of moisture accumulation and a method of controlling soil erosion, V. N. Kamlin. Sborn. nauch. trudov, Gidromet. obsl. no. 3 64-72 O '65

Protective role of Kush bambusa stands, A. N. Lashkov. Vest. sel'khoz. nauki 10 no. 6 97-106 Ja '66

SOIL FERTILITY

Conditions improving the effectiveness of nitrates in light chestnut soils, A. A. Mamich, Sborn. nauch. i inzh. gos. ped. inzh. no. 1 30-35 '64

Moisture conditions of cultivated peat soils and their fertility, A. S. Gaidichuk. Agrokhimia no. 3 41-45 Mi '66

SOIL FORMATION

Geographical and genetical regularities in the formation of desert-steppe and desert soils on the territory of the U S S R, S. A. Shavalov. Pochvovedenie no. 3 1-13 Mi '66

SOIL FUMIGATION

Effect of some soil fumigants on grape nematodes in Moldavia, O. P. Stogaresku. Vred. i polez. fauna bespozv. Mold. no. 1 76-83 '65

SOIL FUNGI see subdivision under Guinea

SOIL INOCULATION

Effect of inoculation with nodule bacteria on the change in amino acid composition of the vegetative parts of soybean, I. G. Vyvritko, N. V. Sokolov, Agrokhimia no. 3 81-90 Mr '66

SOIL MECHANICS

Discussion of problems of applied soil mechanics, Gidrot. 38 no. 1 41 Ja '66

Graphic and analytical methods of determining the piping properties of noncohesive soils, I. A. Lushchikov. Izv. VNIIG 78: 255-260 '65

Ground geodesy and the accuracy of calculating foundation beds, V. M. Chizhevskii. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 10 121-128 '65

Ground pressure on structures as related to their displacement, G. K. Klein. Gidrot. 38 no. 1: 41-44 Ja '66

Investigation results of the effect of the size of a soil sampling cylinder on the accuracy of determining the density of noncohesive soils, A. I. Ogutsov, M. K. Sverchkova. Gidrot. 38 no. 1 51-62 Ja '66

Phenomena taking place in clay soils during pile driving and their effect on the increased resistance of friction piles in time, G. F. Novozhilov. Sborn. trud. LIZIT no. 234 45-70 '65

SOIL MICRO-ORGANISMS

(see also subdivision under Georgia; Karelia)

Akademii nauk SSSR. Institut mikrobiologii. [Soil microflora of the southern part of the U.S.S.R.] Mikroflora pochv lizhnoi chasti SSSR. Moskva, Nauka, 1966, 262 p.

Biological activity of soil and the rate of manure decomposition as related to the depth of tillage, V. A. Chernyshev. Vest. sel'khoz. nauki 10 no. 6 45-47 Ja '66

Effect of herbicides on the dynamics of nutrients and microflora in soils of an orchard, N. S. Porysheva, A. I. Lesogorova, E. T. Musyckin. Khim. v sel'. khoz. 4 no. 3 45-49 Mr '66

SOIL MICRO-ORGANISMS (Continued)

Effect of simazine and heptachlor on soil fauna and the soil content of available nutrients. T. P. Skazkina, V. I. Zharkov, Khim. v sel'. khoz. 4 no. 3 50-52 Mr '66.

Effect of soluble aluminum on the development of soil micro-organisms. E. P. Gromyko. Izv. AN SSSR, Ser. Biol. no. 2 300-309 Mr-Apr '66.

Nature of toxic compounds in straw decomposing in soil. E. N. Mishustin, N. S. Fofeev. Mikrobiologiya 35 no. 1 150-151 Ja-F '66.

SOIL MICRO-ORGANISMS—CONGRESSES

Symposium on the ecology of soil micro-organisms. A. A. Imshenetskiy. Mikrobiologiya 35 no. 1 181-187 Ja-F '66.

SOIL MOISTURE

(see also subdivision under Azerbaijan)

Agricultural and silvicultural measures as a factor of moisture accumulation and a method of controlling soil erosion. V. N. Kaulin. Sbor. rab. Kuruk. gidromet. obsch. no. 3 54-72 '65.

Do not miss the possibility of the accumulation of snow! P. G. Kabanov. Zemledolie 28 no. 2 50-53 F '66.

Kinetics of the evaporation of moisture from a slit-type capillary-porous body. N. V. Churayev. Pochvovedenie no. 3 45-51 M '66.

Nitrogen, phosphorus, and potassium requirements of corn in case of systematic use of fertilizers in crop rotation in a zone of insufficient moisture. I. L. Usenko, L. M. Dudchenko. Agrokhimia no. 3 55-60 Mr '66.

Snow packing. V. Ageev, A. Barabarov. Zemledolie 28 no. 2 53-54 F '66.

Some problems concerning methods of determining the evaporation of moisture from the soil surface. K. D. Trachenko, P. I. Kollinsky. Geol. zhur. 25 no. 1 48-51 '65.

SOIL MOISTURE—EFFECT ON PLANTS see Plants,

Effect of soil moisture on

SOIL MOISTURE—MEASUREMENT

Shortcomings of the calibration methods of sorption moisture recorders. B. S. Zaitavnyy. Pochvovedenie no. 3 100-102 Mr '66.

SOIL PERCOLATION

Ground water flow in an infinite inhomogeneous stratum in an irrigation system. V. K. Rudakov. Gidromekhanika no. 2 33-41 '65.

Main trends of Soviet seepage research in the field of hydraulic engineering. V. I. Aravin. Izv. VNIIG 78 43-58 '65.

Method of undeformable streamlines applied to the calculation of unsteady indirect flow in plan in shore structures adjoining hydraulic projects. S. N. Numerov, T. D. Shchegoleva. Izv. VNIIG 77 39-55 '65.

Percolation of water on the downstream slope of the hydraulic fill dam after it had been put into operation. M. I. Shumakov, A. I. Nemilov. Gidr. stroit. 35 no. 2 7-8 F '65.

SOIL POLLUTION see subdivision under Moscow Province

SOIL PHOTOZOA see subdivision under Uzbekistan

SOIL RESEARCH

(see also subdivision under Oka Valley)

Akimtsev, V. V., Z. M. Milin, and I. I. Smol'yaninov. [Soils and human health] Pochvy i zdorov'e cheloveka. Moskva, Izd-vo "Znanie," 1966. 47 p. (Novoe v zhizni, nauka tekhnika VII Seriya: Biologiya i meditsina, no. 4)

SOIL SCIENCE

[General farming and soil science] Obshchee zemledolie s pochvovedeniem. 2. izd. [By] P. P. Zayev i dr. Leningrad, Kolos, 1966. 508 p. (Uchebniki i uchebnye posobia dlia sel'skokhoziaistvennykh tekhnikumov) (DNAL)

9th All-Union Conference on Aerial Photographic Surveying and the problems of using aerial mapping methods in soil science. V. L. Andronikov, V. A. Koinina, M. S. Simakova. Pochvovedenie no. 3 112-114 Mr '66.

SOIL STABILIZATION

[Road foundation beds and coverings of stabilized soil] Dorozhnye osnovaniia i pokrytiia iz ukreplennykh gruntov. [By] V. M. Bezruk i dr. Moskva, Transport, 1966. 126 p.

Study of preliminary stabilization of loess of the first type in the process of laying foundation blocks. V. N. Golubkov, A. I. Dogadailo. Izv. vys. ucheb. zav. i stroit. i arkhit. 9 no. 1 37-42 '66.

Studying the mechanism of aggregation of clay soils. G. N. Zhukin. Sbor. trud. LIZHT no. 234 71-80 '65.

Use of chemicals for the elimination of heaving. I. I. Kobylinskiy, G. N. Kriukov, N. D. Porol'zvelg. Pul' i pul. khoz. 10 no. 2 30-32 '66.

Use of the C-629 hydraulic vibration unit for sand compaction in cells of junction abutments of the hydro-electric power station building. H. I. Gubina, A. M. Chernukhin. Gidr. stroit. 35 no. 2 31-33 F '65.

SOIL TEMPERATURE see subdivision under Azerbaijan

SOILS see subdivision under: Ashtarkhan-Bazai District; Caucasus, Echmiadzin region, Estonia, Kuba District; Lankaran' Lowland; Maritime Territory; Phekashkyl' Massif, Srednyaya Akhuga District

SOILS—ANALYSIS

(see also subdivision under Germany, West, Volga Valley)

Content of humus, nitrogen, and phosphorus in the mechanical fractions of Sierozum. N. N. Aslanov. Pochvovedenie no. 3 88-90 Mr '66.

Determination of the exchange forms of calcium and strontium in soils. F. I. Pavlotskaya, E. B. Tsurukanova, M. I. Blokhina. Zhur. anal. khim. 21 no. 2 157-162 '66.

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—CLASSIFICATION

(see also subdivision under Europe)

"Opollisa" and "opolesa" as genetic types of the transitional class of soils in central Russia. T. L. Bystritskaya, A. N. Tsurukanov. Dokl. AN SSSR 166 no. 4 955-958 F '66.

Soil map of the world. V. A. Kovda. Izv. AN SSSR, Ser. Biol. no. 2 265-268 Mr-Apr '66.

SOILS—COBALT CONTENT

Cobalt behavior in soil. M. IA. Chebotina, A. A. Titulina. Trudy Inst. biol. UFAN SSSR no. 45 85-88 '65.

Effect of vegetation on the vertical migration of cobalt in soil. N. V. Kulikov. Trudy Inst. biol. UFAN SSSR no. 45 97-100 '65.

SOILS—COPPER CONTENT see subdivision under Ukraine

SOILS—MAPS see subdivision under Odessa Province

SOILS—NITROGEN CONTENT

(see also subdivision under Smolensk Province)

Change in the ratio of nitrogen forms in the soil due to the placement of molybdenum-containing industrial waste. A. N. Ilalidinov, M. K. Konachinova. Vest. sel'khoz. nauk [Kazakh.] 9 no. 2 106-111 F '66.

Elimination of nitrogen deficiency in soil by using straw as an organic fertilizer. E. N. Mishustin, N. S. Erofeev. Mikrobiologiya 34 no. 6 1056-1062 N-D '65.

SOILS—PHOSPHORUS CONTENT

(see also subdivision under Ukraine)

Extraction of volatile phosphorus from soil as related to the time of extraction, temperature and the form of vesicles. P. G. Grabarov, M. D. Zubrilina. Izv. AN Kazakh. SSR, Ser. biol. nauk 4 no. 1 15-21 Ja-F '66.

Transformation of phosphates when placed in Red soils. O. G. Oniani. Agrokhimia no. 3 26-33 Mr '66.

SOILS—POTASSIUM CONTENT see subdivision under Kazakhstan

SOILS—STRONTIUM CONTENT

Effect of soil formation minerals on the uptake of strontium-90 by plants. I. V. Gullakin, E. V. Iudinova, E. M. Levina. Agrokhimia no. 3 111-120 Mr '66.

SOILS—THORIUM CONTENT

Distribution of thorium in some soils. D. M. Rubtsov. Pochvovedenie no. 3 55-57 Mr '66.

SOILS—TRACE ELEMENT CONTENT see subdivision under Kuban

SOILS, RADIOACTIVE SUBSTANCES IN

Effect of grasses on the horizontal migration of cobalt, strontium, lithium, and cesium isotopes. N. A. Porladkova, S. V. Agafonova. Trudy Inst. biol. UFAN SSSR no. 46 107-114 '65.

Influence of humus on the diffusion rate of strontium-90 in quartz sand. V. M. Prokhorov, A. S. Frid. Pochvovedenie no. 3 68-70 Mr '66.

⁴⁰K content in soils of Kazakhstan and doses of its external irradiation. G. G. Kim, B. A. Aldarkhanov. Izv. AN Kazakh. SSR, Ser. biol. nauk 4 no. 1 87-89 Ja-F '66.

Yttrium 91 behavior in some types of soils. I. V. Molchanova. Trudy Inst. biol. UFAN SSSR no. 45 91-95 '65.

SOILS AND CLIMATE

Soil-geographical and agricultural zoning of the U.S.S.R. N. N. Rozov and others. Vest. sel'khoz. nauk 11 no. 3 55-72 Mr '66.

SOKOLOV, EFIM IAKOVLEVICH, 1905-

E. IA. Sokolov on his 60th birthday. Izv. vys. ucheb. zav. i energ. 9 no. 3 120 Mr '66.

EFIM IAKOVLEVICH Sokolov on his 60th birthday. Teploenergetika 13 no. 1 100 Ja '66.

SOLAR ATMOSPHERE

Dynamics of the solar atmosphere. S. B. Pikel'ner. Usp. fiz. nauk 98 no. 3 505-526 Mr '66.

SOLAR ENERGY—CONGRESSES

Ways of utilizing solar energy; all-Union congress in Ashkhabad. M. S. Sominskii. Vest. AN SSSR 38 no. 2 159-160 F '66.

SOLAR FURNACES

Absorption in thin-type collectors. G. IA. Umanov and others. Gellotekhnika no. 1 17-48 '66.

Effect of contrast shading on the energy characteristics of paraboloidal mirrors. D. I. Teplakov. Gellotekhnika no. 1 17-24 '66.

Effect of transverse defocusing of the receiver on the energy characteristics of paraboloidal solar collectors. V. M. Matveev, D. I. Teplakov. Gellotekhnika no. 1 12-17 '66.

Evaporation of lead telluride in a medium of inert gases. B. G. Arabel and others. Gellotekhnika no. 1 25-29 '66.

Method for calculating the distribution of radiant fluxes in receivers of solar collectors. V. A. Glikhies. Gellotekhnika no. 1 3-11 '66.

SOLAR HOUSES

Quasi-stationary heat transfer processes in the ground collector of a solar hothouse. P. F. Razov, R. D. Kulhanova. Gellotekhnika no. 1 44-46 '66.

SOLAR PLEXUS

Study of the reflex excitability of the solar plexus ganglia at the early stages of X-ray irradiation. N. F. Malorova. Radiobiologiya 6 no. 1 73-77 '66.

SOLAR RADIATION

All-Union seminar on the problem "Radiation heat transfer in the atmosphere." A. M. Bronshteyn, F. N. Shekhter. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 3 324-325 Mr '66.

Calculation of some integrals in the absorption theory. V. A. Baryshev, G. N. Krylov. Probl. fiz. atm. no. 3 145-150 '65.

Determination of the mass of H₂O, CO₂, and O₃ in different thicknesses of the atmosphere. V. A. Bazhenov, R. N. Ivanova, M. M. Miroshnikov. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 3 308-311 Mr '66.

Methods of calculating the amount of absorption determined by the vibration-coupling bands. A. P. Gal'psev. Probl. fiz. atm. no. 3 119-144 '65.

Penetration of solar radiation into inland bodies of water and seas. V. A. Rutkovskaya. Trudy Inst. okean. 70 245-274 '65.

Principles for setting norms and new methods of evaluating the conditions of solar radiation for school buildings. A. IA. Stekberg, Stroit. i arkhit. [sbornik] no. 2 19-26 '65.

Radiation balance of the atmosphere. K. IA. Kondrat'ev, G. N. Gaevskaya, G. A. Nikol'skii. Probl. fiz. atm. no. 3 18-23 '65.

Radiation temperature changes in the free atmosphere. K. IA. Kondrat'ev, G. N. Gaevskaya. Probl. fiz. atm. no. 3 3-17 '65.

The solar wind and its manifestations in cosmic-ray variation. L. I. Dorman, N. S. Kammer. Kosm. luch. no. 7 27-29 '66.

Some characteristics of the representation of the spectral distribution of solar radiation power. A. V. Shokhin. Gellotekhnika no. 1 37-43 '66.

Spectral distribution of radiation fluxes of heat in the free atmosphere. K. IA. Kondrat'ev, I. Nifilsk, R. Noorma. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 2 121-136 F '66.

Streams of diffuse radiation from sky on inclined surfaces. M. V. aim. no. 3 61-68 '65.

Transmission functions for vapor. K. IA. Kondrat'ev, SSSR, Fiz. atm. i okeana 2

SOLAR RADIATION—MEAS

Experimental and theoretical exchange in the surface layer. V. S. Samoilenko. Trudy In

SOLDER AND SOLDERING

Interaction between copper process of soldering. A. I. no. 1 83-86 Ja '66.

Use of soldering pastes in I. V. A. Tillov, Svar. prozv.

Vybukov, I. Z. [Soldering] Vysshaya shkola, 1966. I

SOLDIERS—RECREATION

Attacking boredom. A. Korr 41 D '65.

SOLDIERS IN LITERATURE

Always on the right flank. no. 6 20-21 Mr '66.

SOLID SOLUTIONS see Sol

SOLID STATE PHYSICS

Quasilinear n-type conductivity of quantum devices. V. A. Malyshev. Radiotekh. i elektron. 11 no. 4 767-769 Ap '66.

SOLIDIFICATION

Certain characteristics of the solidification curves of binary systems of aliphatic hydrocarbons. K. V. Vilihau, V. A. Gavrilova. Zhur. fiz. khim. 40 no. 3 713-714 Mr '66.

SOLIDS

Development of research on chemical reactions in solids, all-Union conference in Moscow. B. M. Kadenatski. Vest AN SSSR 39 no. 2 162-168 T '66.

SOLIDS—MAGNETIC PROPERTIES

Unit for studying the magnetic susceptibility of solids, L. A. Batdakov and others. Vest LGU 21 no. 4 40-46 '66.

SOLIKAMSK REGION—POTASSIUM SALTS

Method of determining the density of a prospecting network required for developing replacement zones in potassium salts of the Verkhnekamskoye deposit. V. I. Raevskii. Nauch. trudy Perm. politekh. inst. no. 12 pt. 2 87-92 '64.

SOLIKAMSK REGION—PROSPECTING

Method of determining the density of a prospecting network required for developing replacement zones in potassium salts of the Verkhnekamskoye deposit. V. I. Raevskii. Nauch. trudy Perm. politekh. inst. no. 12 pt. 2 87-92 '64.

SOLODILOV, EVGENII VASIL'EVICH, 1908-1966

In memory of L. V. Solodilov. Voen.-med. zhur. no. 2 95 F '66.

SOLONETZ SOILS see subdivision under Akiyubinsk Province

SOLTON DISTRICT—FLAX

The culture is profitable, but it gets no attention. N. Salnikova. Zakup sel'khoz. prod. no. 6 47-48 Je '65.

SOL'TSY DISTRICT—FARM MANAGEMENT

Apply economic calculations in all branches of production activity. V. Kolosov, N. Malygin. Ekon. sel'khoz. 41 no. 3 34-43 Mr '65.

SOLUBILITY

Determination of the solubility of bismuth in mercury by the electromotive force method. A. A. Nigmatullina, A. I. Zebrova. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 4 18-22 O-D '64.

Determining the isotherm of solubility in ternary systems by the thermodynamic properties of binary alloys. B. P. Burylev. Izv. vys. ucheb. zav. i khim. i khim. tekhn. 8 no. 6 910-914 '65.

Effect of hexachloran components on the solubility of γ - and α -isomers in methanol. G. M. Strongin, M. N. Kulikova, T. A. Khapaeva. Zhur. prikl. khim. 39 no. 2 395-403 F '66.

Phase equilibria in the system potassium fluoride - water at elevated temperatures. M. A. Urusova, M. I. Ravich. Zhur. neorg. khim. 11 no. 3 552-560 Mr '66.

Polarographic determination of the solubility of molybdenum and zinc in polymicroelement fertilizers. G. P. Protosenko, P. N. Kovalenko. Agrokhimia no. 3 127-130 Mr '66.

Properties of saturated solutions at 25°C in the system $KNO_3 - Ca(NO_3)_2 - H_2O$. P. I. Protosenko, B. S. Medvedev. Zhur. neorg. khim. 10 no. 10 2347-2350 O '65.

Solubility diagram of the ternary system $Pr(NO_3)_3 - HNO_3 - H_2O$ at 25°C. K. E. Mironov, E. D. Sinilayna, A. P. Popov. Izv. SO AN SSSR no. 11, Ser. khim. nauk no. 3 48-54 '64.

Solubility in the system methacrylic acid - methyl methacrylate - methanol - water. A. F. Frolov, M. A. Loginova, B. F. Ustavshchikov. Zhur. khim. 36 no. 2 180-184 F '66.

Solubility isotherm in the system $RbCl - LiCl - H_2O$ at 25°C. V. I. Safonova, G. P. Kuznetsova, B. D. Stepin. Zhur. neorg. khim. 10 no. 10 2351-2351 O '65.

Solubility isotherm of magnesium borohydride and sodium borohydride in N,N-dimethylformamide at 0°C. V. N. Komoplev, V. I. Mikhayeva. Zhur. neorg. khim. 10 no. 10 2353-2356 O '65.

Solubility of Cd in fused $CdCl_2 - ZnCl_2$. I. U. I. Radionov, V. R. Klokman. Radiokhimia 8 no. 1 59-63 '65.

Solubility of cobalt selenite. L. V. Platinetskii, M. Durdiev. Ukr. khim. zhur. 32 no. 1 77-81 '66.

Solubility of gold from the ores of the Kuranakh deposit in the Aldan. V. P. Borovitskii, V. N. Shemiakin. Zap. LGU 45 no. 2 50-76 '65.

Solubility of impurities in $In_2 Te_3$. A. V. Atroshchenko, V. M. Koshkin. Izv. AN SSSR, Neorg. mat. 2 no. 2 405-406 F '65.

Solubility of salts formed by quaternary ammonium bases with hexanitrate anions of tetravalent actinide elements. B. P. Nikol'skii, M. V. Povol'skii, G. S. Markov. Radiokhimia 8 no. 1 114-115 '65.

Study of the effect of inorganic substances on the solubility of medicinal compounds. O. P. Biaznykova, V. P. Husakov. Farmatsev. zhur. 18 no. 6 39-41 '63.

Study of the solubility of medicinal compounds; effect of some electrolytes on the solubility of barbitol and phenobarbital. V. P. Husakov, A. M. Riznik. Farmatsev. zhur. 20 no. 1 20-21 '65.

System $Hg(NO_3)_2 - HNO_3 - H_2O$ at 20°C. M. V. Dyliaeva, G. E. Zhelezina, D. M. Korf. Zhur. neorg. khim. 11 no. 3 666-668 Mr '66.

Total insolubility of the components of binary and ternary systems. A. A. Zhukov. Izv. vys. ucheb. zav., mashinost. no. 1 146-149 '66.

SOLUTION (CHEMISTRY)

Density of benzole acid in methanol. S. Tancovska-Osinaka, K. P. Mishchenko. Trudy LTITSBP no. 10 151-163 '65.

Dependence of the chemical potentials of components on the composition of solutions in ternary systems. V. K. Filippov. Vest. LGU 21 no. 4 113-119 '66.

Deviations from the Beer's law in aromatic compound solutions. R. S. Tsekhanakii. Izv. vys. ucheb. zav. i khim. i khim. tekhn. 8 no. 6 950-953 '65.

Effect of various factors on copolymer solubilization in the aqueous solutions of ionogenic emulsifiers. V. A. Volkov, S. L. Talud. Trudy LTITSBP no. 10 180-188 '65.

Evaluating the coefficient of adsorption separation. I. U. M. Mar'ynov. Khim. prom. 42 no. 3 221-222 Mr '66.

Potentiometric titration of solutions containing potassium persulfate $K_2S_2O_8$, Caro acid H_2SO_5 , and hydrogen peroxide H_2O_2 . T. V. Fomina, I. E. Flis, N. P. Dymarchuk. Trudy LTITSBP no. 10 88-91 '65.

Sorption properties of technological lignins as related to alcohols and fatty acids dissolved in water. G. P. Grigor'ev, T. M. Vasil'eva, N. M. Krupina. Trudy LTITSBP no. 17 60-74 '65.

Spectrophotometric analysis of association in the aqueous solutions of triphenylmethane dyes. K. S. Krasnov, G. V. Shilova. Izv. vys. ucheb. zav. i khim. i khim. tekhn. 9 no. 6 915-920 '65.

Studying the spectra of hypochlorous acid absorption by aqueous solutions. I. E. Flis, G. N. Vashkina, M. K. Rytayeva. Trudy LTITSBP no. 10 44-49 '65.

Thermodynamic characteristics of SO_2 in aqueous solutions at various temperatures. I. E. Flis. Trudy LTITSBP no. 10 112-115 '65.

SOLUTION (CHEMISTRY)—THERMODYNAMICS

Changes in entropy during evaporation and the structure of some fluids. K. P. Mishchenko and others. Trudy LTITSBP no. 10 158-166 '65.

Some new methods of calculating the thermodynamic properties of solutions. I. U. G. Pliner. Trudy LTITSBP no. 10 167-171 '65.

Thermodynamics of intermolecular reactions in solutions. L. S. Rudakov. Izv. SO AN SSSR no. 11, Ser. khim. nauk no. 3 3-13 '64.

SOLUTIONS (PHARMACY)

Preparation of injection solutions in the drugstore. V. O. Mikhailuk. Farmatsev. zhur. 21 no. 1 85-86 '66.

Study of the solubility of medicinal compounds in mixed solvents. V. P. Husakov, I. M. Mish'kin. Farmatsev. zhur. 21 no. 1 20-32 '66.

SOLUTIONS, SOLID

Equilibria between $ZnS - CdS$ solid solutions and molten $Cd - Zn$. A. V. Vishniakov, A. A. Bundel'. Zhur. fiz. khim. 40 no. 3 726-729 Mr '66.

Interaction of manganese oxides with scandium in air. L. N. Komlasova, B. I. Pokrovskii, I. S. Shaplygin. Izv. AN SSSR, Neorg. mat. 2 no. 2 275-280 F '66.

Microhardness of and defects in crystals of solid solutions of the alkali halide system $KCl - KBr$. M. N. Treiskina, L. F. Dolgikh. Izv. vys. ucheb. zav. i khim. i khim. tekhn. 8 no. 1 29-32 '66.

Thermodynamic study of the system $KBr - NH_4Br - H_2O$ at 25°C. Part 2: Composition of coexisting phases in the system $KBr - NH_4Br - H_2O$ and the thermodynamic properties of solid solutions $KBr - NH_4Br$ at 25°C. S. A. Simanova, M. M. Shul'ts. Vest. LGU 21 no. 4 262-90 '66.

SOLUTIONS, SOLID—ELECTRIC PROPERTIES

Electrode semiconductor catalysts. Part 1: Conditions for the formation of solid solutions $LiNi_{1-x}O$ and their catalytic and semiconducting properties. B. G. Misluk and others. Elektrokhimia 2 no. 3 311-316 Mr '66.

SOLVENTS

Change in the selectivity of solvents as related to the size of molecules of separated hydrocarbons. A. Z. Bikkilov. Neftepr. i neftekhim. no. 2 37-50 '66.

Determination of small amounts of water in organic solvents. L. M. Litvinenko and others. Zhur. anal. khim. 21 no. 2 200-202 '66.

Distribution of substances in systems with a free and "combined" solvent. V. D. Chmil'. Zhur. fiz. khim. 40 no. 3 807-813 Mr '66.

Effect of solvents on the kinetics of hydrogenation of cottonseed oil. N. S. Samsonova, D. V. Sokol'skii. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 3 55-62 Ji-S '64.

Extraction of complex acids with oxygen-containing solvents. Part 6: Extraction of tetravalent tellurium. I. Z. Iofa, Van Van'-sin [Wang Wan-hsing], M. R. Rivan. Radiokhimia 9 no. 1 11-20 '66.

Phase equilibrium in the systems: polymer - binary solvent. Part 2: Sorption of binary solvent components by secondary acetyl cellulose. L. A. Root, A. P. Potrovskii, S. A. Glikman. Koll. zhur. 28 no. 1 116-118 Ja-I '66.

Porosity of copolymers synthesized in the presence of a nonpolymerizing solvent. A. A. Tabor and others. Plast. massy no. 3 23-27 '66.

Reducing the expenditure of solvents. U. Z. Iarmukhinov. Masl. -zhir. prom. 32 no. 10-10 Ja '66.

Recovery of organic solvents in leather coating with nitroenamols. M. I. A. Kotskii, V. I. Lyubskii, I. A. Kotskii. Mat. i khim. prom. no. 1 67-72 '66.

Solubility of gases in mixed solvents. B. P. Burylev. Izv. SO AN SSSR no. 11, Ser. khim. nauk no. 3 38-43 '64.

Solvent losses in the ventilation air of extraction shops. A. I. Chelyshev. Masl. -zhir. prom. 31 no. 1 12-13 Ja '65.

SOLVENTS—TOXICOLOGY

Early cutaneous changes under the effect of industrial solvents. V. I. Rogal'm. Vest. derm. i ven. no. 6 21-29 '65.

SOMALIA—DESCRIPTION AND TRAVEL

Somalia is learning and building. A. Kiva. Az. i Af. seg. 9 no. 3 42-43 Mr '66.

SOMALIA—EDUCATION

In faraway Somalia. I. U. Vorin. Nar. obi. no. 3 101-104 Mr '66.

SOMALIA—TECHNICAL ASSISTANCE, RUSSIAN

Somalia is learning and building. A. Kiva. Az. i Af. seg. 9 no. 3 42-43 Mr '66.

SOMATOTROPIN

Evaluation of some immunological methods for the determination of the human growth hormone and its antibodies. S. K. Mikhlin. Lab. delo no. 3 131-134 '66.

SONAR IN FISHING

Determination of the density of fish concentrations with the help of underwater devices. M. I. Zafarman, O. I. Shatoba, M. N. Shcherbino. Mat. i yekhoz. issl. 8: 119 no. 5 131-141 '66.

SORGHUM—FERTILIZERS AND MANURES

Composition of mineral fertilizers in spot placement and the yield of millet and sorgho. I. D. Filipov, Z. F. Ustenko. Vest. sel'khoz. nauk 10 no. 6 42-43 Ja '65.

SORGHUM BREEDING

Sorgo hybrids and the methods for the improvement of transpiration on hybridization plots. B. G. Demichuk, A. R. Miroshnichenko, N. A. Shapoval'. Vest. sel'khoz. nauk 10 no. 6 9-16 Ja '65.

SOROKI (MOLDAVIA)—FORTIFICATIONS, OLD

The Soroki fortress. V. A. Volkachkovskii. Kiat. soob. Inst. arkheol. no. 10 120-131 '65.

SORPTION

Effect of kinetic factors on the diffusion of front zones in a convex sorption isotherm. N. N. Materina, N. D. Safonova, K. V. Chumov. Zhur. fiz. khim. 40 no. 3 631-636 Mr '66.

Some regularities in the sorption of borates from solutions by magnesium oxide. Report No. 2. B. A. Shokhet and others. Ukr. khim. zhur. 32 no. 1 101-104 '66.

Sorption properties of technological lignins as related to alcohols and fatty acids dissolved in water. G. P. Grigor'ev, T. M. Vasil'eva, N. M. Krupina. Trudy LTITSBP no. 17 60-74 '65.

SOBNINSKO-SOVIETSKOYE OIL FIELD—PETROLEUM GEOLOGY

Lithology and reservoir properties of producing layer B-VIII of the Sobninsko-Sovetskoye oil field in Western Siberia. E. G. Sorokina. Geol. neftegaz 10 no. 2 29-33 F '66.

SOUND WAVES

Diffraction of a sound wave on a shallow convex surface. O. K. Fedorov. Trudy LTITSBP no. 17 265-267 '65.

SOUND WAVES—INDUSTRIAL APPLICATIONS

Development and use of the sound method for the quality control of refractory materials. M. N. Bluvashin and others. Ogneupory 31 no. 3 3-12 '66.

SOUTH AFRICA, REPUBLIC OF—FOREIGN RELATIONS—GERMANY, WEST

A new "Reich" in South Africa. L. Korneev. Mir. ekon. i mezhdunar. otn. no. 3 115-118 '66.

SOUTH AFRICA, REPUBLIC OF—MILITARISM

A new "Reich" in South Africa. L. Korneev. Mir. ekon. i mekhn. zhurnal, no. 3 115-118 '66.

SOUTH AFRICA, REPUBLIC OF—WOMEN

In the ranks of the fighters. Magdalina Resha. Az i Afr. seg 9 no. 3 13 Mt '66.

SOUTH KAZAKHISTAN PROVINCE see Chirchik Prov- ince

SOUTH KOREA see Korea, South

SOUTH POLE—TEMPERATURE INVERSIONS

Characteristics of inversions in the troposphere over the South Pole. A. M. Koryova. Inform. biul. Sov. antark. eksp. no. 54:19-23 '65.

SOUTHERN BUG VALLEY—GEOLOGY, STRUCTURAL

Nature of the Tainovata structure and the stratification of the components of its rocks. A. A. Drevin. Geol. zhurnal 25 no. 1 88-92 '65.

SOUTHERN HEMISPHERE—ATMOSPHERE

Correlation of the zonal and meridional components of atmospheric circulation over the oceans of the southern hemisphere. L. V. Solonkin. Okeanologiya 6 no. 1:15-25 '66.

SOUTHERN RHODESIA see Rhodesia

SOVIET BLOC see Communist countries

SOVIET CENTRAL ASIA—CADMIUM

Geochemistry of cadmium in the oxidized zone of some lead-zinc deposits of Central Asia. M. F. Kulkov. Geokhimiya no. 3 323-331 Mr '68.

SOVIET CENTRAL ASIA—COAL MINES AND MINING

Akademiya nauk Kirgizskoi SSR, Frunze. Institut fiziki i mekhaniki gornykh poiskov. [Improving the working of coal seams in the mines of Central Asia] Sovetskoye stroitel'stvo razrabotki ugovnykh plastov na stankakh Srednei Azii. Frunze, Ilim, 1966. 113 p.

SOVIET CENTRAL ASIA—COMMUNIST PARTY OF THE SOVIET UNION

Nazarov, S. A. [From the history of the activity of the Central Asia Bureau of the Central Committee of the Russian Communist Party (Bolshevik), 1922-1924] Iz istorii dololet'nosti Sredazhiu o TSK RKP(b), 1922-1924 gg. Tashkent, "Uzbekistan," 1965. 116 p.

SOVIET CENTRAL ASIA—CONCRETE REINFORCE- MENT—BOND

Effect of the hardening process on the bond between concrete and reinforcement. G. I. Shipakov, L. U. Kulik. Stroitel'stvo, 6 no. 6 16-18 Jr '65.

SOVIET CENTRAL ASIA—CONSTRUCTION EQUIPMENT— MAINTENANCE AND REPAIR

Characteristics of the maintenance of machinery and mechanisms in sandy and desert districts. V. P. Polina-kov. Stroitel'stvo, 10 no. 5:10 My '65.

SOVIET CENTRAL ASIA—DESERT FLORA

Characteristic areas of some plants of the sandy deserts of Central Asia. H. Tuganov. Vest. LGU 21 no. 3:32-33 '66.

Geographical distribution of the characteristic components of the Turanian desert flora. I. F. Musnev. Vest. LGU 21 no. 3:15-31 '66.

SOVIET CENTRAL ASIA—DRUGSTORES

Organization of medicinal services for the rural population. I. K. Gubochkina. Apt. delo 15 no. 1:19-22 Ja-F '66.

SOVIET CENTRAL ASIA—FOREST MANAGEMENT

Ways of efficient exploitation of mountain forests in Central Asia. F. K. Kocherzhe. Trudy Tbil. inst. lesa 14:106-112 '65.

SOVIET CENTRAL ASIA—GRAIN

Increasing the production of grain in Central Asia and southern Kazakhstan. R. A. Udachin. Vest. sel'khoz. nauki 10 no. 6:168 Jr '65.

SOVIET CENTRAL ASIA—GRAVEL

Effect of the shape of grains on the mechanical properties of gravel. I. U. Spryskov. Stroitel'stvo, 6 no. 6:28-30 Jr '65.

SOVIET CENTRAL ASIA—HISTORY

Akademiya nauk SSSR. Institut prav. [Congresses of the Soviets of the U.S.S.R., the Union and autonomous soviet socialist republics; collected documents in seven volumes, 1917-1937] S'ezdy Sovetov Soluza SSR, soluznykh i avtonomykh sovetskikh sotsialisticheskikh respublik; sbornik dokumentov v sem tomakh, 1917-1937 g.g. Moskva, Iuridicheskaya literatura. Vol. 7. [Congresses of the Soviets of Union and autonomous soviet socialist republics of Central Asia; documents from 1923-1937] S'ezdy Sovetov soluznykh i avtonomykh sovetskikh sotsialisticheskikh respublik Srednei Azii; sbornik dokumentov 1923-1937 g.g. 1965. 846 p.

History of Russo-British relations in Central Asia in the middle of the 19th century. S. S. Iksanova. Uch. zap. Osh. gos. ped. inst. no. 8 173-183 '64.

SOVIET CENTRAL ASIA—LIGHTWEIGHT CONCRETE

Ways of improving the technology of preparing cellular concretes from loesslike loams. L. M. Bolvina. Stroitel'stvo, 6 no. 6 18-19 Jr '65.

SOVIET CENTRAL ASIA—LOESS

Ways of improving the technology of preparing cellular concretes from loesslike loams. L. M. Bolvina. Stroitel'stvo, 6 no. 6 18-19 Jr '65.

SOVIET CENTRAL ASIA—MELONS—TRANSPORTATION

Waste of watermelons during transportation could be reduced. A. Atroshenko. Zakup. sel'khoz. prod. no. 1 44 Jr '66.

SOVIET CENTRAL ASIA—METEOROLOGY, AGRICUL- TURAL

Change in meteorological characteristics across latitudinal areas of Western Siberia, Kazakhstan, and Central Asia. L. A. Men'shikova. Probl. gidromet. i vod. khoz. no. 3:137-148 '65.

SOVIET CENTRAL ASIA—PETROGLYPHS

Some general problems in studying the petroglyphs of Central Asia and southern Siberia. D. G. Savinov. Vest. LGU 19 no. 20:139-145 '64.

SOVIET CENTRAL ASIA—PHYTOGEOGRAPHY

Geographical distribution of the characteristic components of the Turanian desert flora. I. F. Musnev. Vest. LGU 21 no. 3:15-31 '66.

SOVIET CENTRAL ASIA—PLASTICS IN BUILDING

Plastics in structural elements and prospects for using them in Central Asia. A. B. Gubenko and others. Stroitel'stvo, 6 no. 6 1-3 Jr '65.

SOVIET CENTRAL ASIA—POULTRY

Regional coordination conference on poultry raising. O. V. Balandina. Vest. sel'khoz. nauki [Kazakh.] 6 no. 2:125 F '66.

SOVIET CENTRAL ASIA—REVOLUTION, 1917-1921

At the sources of Soviet national statehood. O. I. Chislakov. Sov. gos. i pravo 36 no. 4:115-146 Ap '66. Victory of popular revolutions and the establishment of the people's Soviet republics in Khiva Oasis and Bukhara Kh. Sh. Isolatov, D. A. Chugayev. Ist. SSSR 10 no. 2:65-83 Mt-Apr '66.

SOVIET CENTRAL ASIA—SOVIETS

Akademiya nauk SSSR. Institut prav. [Congresses of the Soviets of the U.S.S.R., the Union and autonomous soviet socialist republics; collected documents in seven volumes, 1917-1937] S'ezdy Sovetov Soluza SSR, soluznykh i avtonomykh sovetskikh sotsialisticheskikh respublik; sbornik dokumentov v sem tomakh, 1917-1937 g.g. Moskva, Iuridicheskaya literatura. Vol. 7. [Congresses of the Soviets of Union and autonomous soviet socialist republics of Central Asia; documents from 1923-1937] S'ezdy Sovetov soluznykh i avtonomykh sovetskikh sotsialisticheskikh respublik Srednei Azii; sbornik dokumentov 1923-1937 g.g. 1965. 846 p.

SOVIET CENTRAL ASIA—WEATHERING

Cherniakovsky, A. G. [Elyum and the products of its redeposition (Kazakhstan and Central Asia)] Etluvii i produkty ego poredolozhenia (Kazakhstan i Srednaya Azia). Moskva, Nauka, 1966. 170 p. (Akademiya nauk SSSR Geologicheskii institut. Trudy, no. 145)

SOVIET CENTRAL ASIA—WINDOWS

Window frames of new types. A. Makarov. Stroitel'stvo, 6 no. 6:30-31 Jr '65.

SOVIET FAR EAST—FOREST MANAGEMENT

Management of mountain forests in the Far East. A. A. Tsynek. Trudy Tbil. inst. lesa 14:64-76 '65.

SOVIET FAR EAST—GEOGRAPHY—CONGRESSES

Second Scientific Conference of the Geographers of Siberia and the Far East. Zap. Primor. fil. Geog. ob-va SSSR no. 1:3-6 '66.

SOVIET FAR EAST—GEOLOGICAL TIME

Age relations of magnesium and limestone skarns in joint distribution and characteristics governing their formation. E. N. Grinenitskii. Vest. Mosk. un. Ser. 4: Geol. 21 no. 1:76-85 Ja-F '65.

SOVIET FAR EAST—HYMENOLEPIDIDAE

Morphology of the cestode Hymenolepididae based on materials from the Far East. O. I. Belogurov, V. V. Kulikov. Vest. LGU 21 no. 3:149-152 '68.

SOVIET FAR EAST—KOREANS

Kim, Sung-hwa. [Studies on the history of Soviet Koreans] Ocherki po istorii sovetskikh koreitsev. Alma-Ata, Nauka, 1965. 260 p.

SOVIET FAR EAST—ONE DEPOSITS

New aspects of the metallogeny of the mobile belts of the eastern Asiatic type as related to the characterization of the subsurface structure of the Pacific Ocean margin of the U.S.S.R. M. I. Iiskson. Sov. geol. 9 no. 1 6-23 Ja '66.

SOVIET FAR EAST—PARASITES—GEOGRAPHICAL DISTRIBUTION

Zoogeographical regionalization of the Far East as related to problems in parasitological research. A. L. Kuruntsov. Zap. Primor. fil. Geog. ob-va SSSR no. 1:17-25 '65.

SOVIET FAR EAST—PHYTOGEOGRAPHY

State and problems of geobotanical mapping of the Soviet Far East. G. C. Kuratsova. Zap. Primor. fil. Geog. ob-va SSSR no. 1:37-41 '65.

SOVIET FAR EAST—PINE

Let's preserve the Siberian pine forests of the Far East. E. D. Solodukhina. Priroda no. 2:80-82 F '66.

SOVIET FAR EAST—REVOLUTION, 1917-1921

Establishment of the Far Eastern Republic. B. M. Shestakovskii. Vop. ist. 41 no. 3 31-42 Mt '66.

SOVIET FAR EAST—SAURY

Ivants, A. N. [Problems of the cost and profitability of saury fisheries] Voprosy sobornosti i rentabelnosti salivnoy promyshl. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965. 11 p. (Ekonomika rybnoi promyshlennosti)

[MICROFILM]

SOVIET FAR EAST—SHIPBUILDING—SAFETY MEASURES

From industrial safety to safe industry. S. Potrenko. Okhr. truda i zote, stroikh. no. 3:30-31 Mr '66.

SOVIET FAR EAST—SKARNS

Age relations of magnesium and limestone skarns in joint distribution and characteristics governing their formation. E. N. Grinenitskii. Vest. Mosk. un. Ser. 4: Geol. 21 no. 1:76-85 Ja-F '66.

SOVIET FAR EAST—ZOOGEOGRAPHY

Solution of some problems in the zoogeography of the Far East. A. I. Kuratsova. Zap. Primor. fil. Geog. ob-va SSSR no. 1:7-10 '65.

Zoogeographical regionalization of the Far East as related to problems in parasitological research. A. I. Kuratsova. Zap. Primor. fil. Geog. ob-va SSSR no. 1:17-25 '65.

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Soviet Central Asia, Ukraine)

Soviets in the period of reconstruction. I. U. Kukulshkin. Vop. ist. 41 no. 3:43-52 Mt '66.

Vnashenko, P. T. [Elections of Soviet representative organs] Vybory sovetskikh predstavitel'nykh organov. [Moskva] Izd-vo Mosk. univ., 1966. 80 p.

SOW THISTLES see subdivision under Georgia

SOYBEAN

All-Union seminar on the efficient methods of processing soybeans. N. M. Primak. Mash. i zhr. prom. 31 no. 1:46-47 Ja '65.

Combined planting of corn with soybean. N. Uzunov. Vest. sel'khoz. nauki [Kazakh.] 6 no. 2:26-31 F '66.

Determining the oil in soybean seeds with the help of nuclear magnetic resonance. I. F. Belikov, M. K. Sazonenko. Dokl. AN SSSR 167 no. 1:225-227 Mr '66.

Effect of inoculation with nodule bacteria on the change in amino acid composition of the vegetative parts of soybean. I. G. Vyval'ko, N. V. Sokorenko. Agrokhiimiya no. 3:61-69 Mr '66.

Isolation and study of peptides from alcohol extract of Glycine hispida Max. seeds. I. A. Aantov, K. G. Ioffe. Khim. prirod. soed. 2 no. 1:40-43 '66.

SOYBEAN OIL—SPECTRA

Infrared absorption spectra of soybean oil hydrogenized on a formate-nickel catalyst. N. K. Nudirov, D. V. Sokol'skii. Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no. 4:60-64 O-D '64.

SPACE AND TIME

B. Russell's idealistic comprehension of the logical function of the categories of space, time, and cause in the cognition of physical phenomena. V. T. Pavlov. Filos. probl. such. prirod. no. 4:110-116 '65.

A scientific definition of the interconnection between the degree of space and time relations on a macroscopic level and the degree of such relations on other levels of the material world. O. O. Lysytsina. Filos. probl. such. prirod. no. 4:103-109 '65.

Substance of the concept of matter. A. M. Petrusenko. Filos. probl. such. prirod. no. 1:35-40 '65.

SPACE BIOLOGY

Mastery of the moon by man. IU, A. Gagarin, V. I. Lebedev. Vop. filoz. 20 no. 3:25-30 '65
Meteorites and the problem of extraterrestrial life. A. A. Imshinetskiy. Vest. AN SSSR 36 no. 1:38-45 Ja '66

SPACE FLIGHT

Chemistry in outer space and on the moon. V. Nikiforov. Av. i kosm. 45 no. 12:24-29 '62
Chief designer of space vehicles is speaking. Av. i kosm. 44 no. 1:11-13 '62
Enthusiasts of great purposes. B. Llapunov. Av. i kosm. no. 4:27-31 Ap '60
Farther and higher on the stellar road. G. Semtshin. Av. i kosm. no. 4:23-26 Ap '65
In the name of the development of science. IU, Gagarin. Av. i kosm. no. 4:13-18 Ap '66
International conference on "Problems of control in the outer space for peaceful purposes." M. A. Bermant, V. I. Ushin. Aviom. i telem. no. 2:156-157 '65
Into space for the benefit of mankind. V. Komarov. Sov. shakht. 13 no. 3:3-4 '66
Sazonov, B. I. [Outer space at our doors] Kosmos u nasikh dverei. Leningrad, Gidrometeoizdat, 1966, 198 p.

Space prospects. IU, Gagarin. Nov. vsem. 23 no. 16:15-17 Ap '66
[Space research] Ref. zhur.: Issl. kosm. prostr. nos. 2-3 F-Mr '66
This entered into history. Av. i kosm. 41 no. 1:78-81 '62
With the eyes of a motion-picture camera operator. V. P. tapov. Av. i kosm. no. 4:82-87 Ap '66

SPACE FLIGHT—PHYSIOLOGICAL EFFECT

Akademiya nauk SSSR. Institut biologicheskoi fiziki. [Effect of space flight factors on functions of the central nervous system] Viliainie faktorov kosmicheskogo polcia na funktsii tsentral'noi nervnoy sistemy. Moskva, Nauka, 1966, 271 p.
Comparative characteristics of vegetative reactions in some cumulative methods of stimulation of the vestibular analyzer. S. S. Markarian, R. A. Varibarenov. Izv. AN SSSR, Ser. biol. no. 2:221-229 Mr-Apr '66
Man in space; some results of the symposium on problems concerning the life of man in space. A. M. Gemin, V. N. Chernigovskii. Vest. AN SSSR 36 no. 1:46-50 Ja '66
Psychology of a space flight. F. Gorbov. Av. i kosm. 44 no. 5:22-27 '62
Results of physiological and biochemical examination of the crew of the "Vostok" spaceship. I. S. Balakhovskii and others. Izv. AN SSSR, Ser. biol. no. 2:212-220 Mr-Apr '66

SPACE FLIGHT TO MARS

Mars nearby. V. A. Bronshten. Zem. i vesl. 2 no. 1:22-28 Ja-F '66

SPACE FLIGHT TO THE MOON

Great triumph of Soviet science, the earth-moon route has been opened. Priroda no. 2:1-tv F '66
[The moon is open to people] Luna otkryvaetsia ljudam. Moskva, Politizdat, 1966, 255 p. foto. diagr. (insert)
The moon has drawn closer. 21 p. [In English, French, German and Spanish]
Wait for us, moon! Kryt. i od. 17 no. 3:2 Mr '66

SPACE FLIGHT TO VENUS

Flight to Venus. Av. i kosm. no. 4:19 Ap '66

SPACE VEHICLES

From an airplane to a space vehicle. A. Mikolai. Av. i kosm. 44 no. 1:21-28 '62
Launching of space vehicles in the U.S.S.R. Av. i kosm. no. 4:20-22 Ap '66

SPACE VEHICLES—ATMOSPHERIC ENTRY

Space vehicle reenters the atmosphere. G. Volkov. Av. i kosm. 44 no. 1:36-42 '62

SPACE VEHICLES—COOLING

Selection of an effective system for cooling in the outer space. O. N. Favorskii. Izv. AN SSSR, Energ. i transp. no. 1:143-150 Ja-F '66

SPACE VEHICLES—SHIELDING (RADIATION)

Radiation protection in outer space. P. Saksonov. Av. i kosm. 45 no. 12:30-34 '62

SPARCK, RAGNAR, 1896-1965

In memory of Ragnar Sparck. L. A. Zenkevich. Okeanografiya 8 no. 1:189 '66

SPAIN—AGRICULTURE

The state of Spanish agriculture in the second half of the 16th century. E. E. Litavrina. Sots.-ekon. probl. ist. isp. no. 4:124-137 '65

SPAIN—CATHOLIC CHURCH

Policy of the Vatican in Spain, 1931-1936. Janos Emnic. Sots.-ekon. probl. ist. isp. no. 4:206-224 '65

SPAIN—CHURCH LANDS

Feudal economy and land tenure of the St. Tommas Monastery in Llevana from the 11th through the 14th century. S. Fritshtov. Sots.-ekon. probl. ist. isp. no. 4:64-103 '65

SPAIN—CITIES AND TOWNS

Spanish cities in the early phase of the feudal period from the 5th through the 7th century. A. P. Korsunskii. Sots.-ekon. probl. ist. isp. no. 4:3-63 '65

SPAIN—CIVIL WAR, 1936-1939

Problem of structural reforms during the Spanish Revolution. L. V. Ponomareva. Sots.-ekon. probl. ist. isp. no. 4:225-213 '65

SPAIN—COMMUNIST PARTY

Problem of structural reforms during the Spanish Revolution. L. V. Ponomareva. Sots.-ekon. probl. ist. isp. no. 4:225-243 '65

SPAIN—ECONOMIC CONDITIONS

Special features of the development of capitalism in Spain, 1940-1963. Juan Vicens. Sots.-ekon. probl. ist. isp. no. 4:244-349 '65

SPAIN—EDUCATION, HIGHER

Under the power of clericals; notes on higher education in Spain. M. P. Khriflov. Vest. vys. shkoly 24 no. 2:86-88 F '66

SPAIN—MILITARY ASSISTANCE, AMERICAN

Present-day relations between Spain and the United States of America. A. M. Beilavskii. Sots.-ekon. probl. ist. isp. no. 4:418-440 '65

SPAIN—PEASANTRY

History of medieval communes (baldios) in Castile. I. S. Pichugina. Sots.-ekon. probl. ist. isp. no. 4:104-123 '65
Impoverishment and destitution of peasants during the rule of Franco. E. V. Kovatev. Sots.-ekon. probl. ist. isp. no. 4:380-414 '65

SPAIN—SHEEP BREEDERS' SOCIETIES

Social characteristics of the Mesia league and its exploitation of peasants in Estremadura in the 18th century. N. I. Mtskun. Sots.-ekon. probl. ist. isp. no. 4:158-245 '65

SPANISH AMERICA see Latin America

SPARK-EROSION MACHINERY see Electric metal cutting

SPASMOLYTICS see Antispasmodics

SPECIFIC GRAVITY

Density correlation near the critical point. A. Z. Patashinskii. Fiz. v. red. Zhur. eksp. i teoret. fiz. 3 no. 5:208-212 Mr '66

SPECIFIC HEAT see Heat capacity

SPECTROGRAPH

Sectorial magnetic spectrograph for studying the energy and nuclear distributions of nuclear reaction products. A. D. Antropov and others. Izv. AN SSSR, Sci. fiz. 30 no. 3:468-468 Mr '66

SPECTROGRAPHY

Results of spectrographic studies of telluric lines of O₂. A. K. Suzlov. Probl. fiz. atm. no. 3:203-214 '65

SPECTROMETER

Magnetic spectrometer with field variation. N. I. Tarantlin. Zhur. tekhn. fiz. 36 no. 1:139-146 Ja '66
X-ray vacuum spectrometer for the 1.5 to 45 nm spectral region. A. V. Ivanov, S. P. Rozov, N. T. Firsov. Opt. i mekh. prom. 33 no. 2:21-24 F '66

SPECTROPHOTOMETER

Aerostatic complex of automatic solar spectrophotometers for the optical sounding of the free atmosphere in the portion of the spectrum from 0.4 to 14 μ. I. A. Badinov, S. D. Andreev. Probl. fiz. atm. no. 3:174-188 '65
Energy correlations in spectrophotometers for the infrared portion of the spectrum. S. V. Ashcheulov. Probl. fiz. atm. no. 3:151-153 '65

High-speed twin-channel spectrophotometer for the O₂ 23-1.0 μ (direct-vision spectroscopy). M. M. Gurevich, K. I. Koltadin. Zhur. prikl. khim. 39 no. 2:464-467 F '66

SPECTROPHOTOMETRY

Electronic absorption spectra of cerium (III) salts in a mixed water-tributyl phosphate solvent and in pure tributyl phosphate. I. M. Balaev, V. V. Pavlovskii, L. P. Zheleznova. Vest. LGU 21 no. 4:91-97 '66

Errors of the spectrophotometric determination of cytochromes in bacterial suspensions. L. I. Lisakovskaya, A. B. Lozinov. Prikl. biokhim. i mikrobiol. 2 no. 2:175-182 Mr-Apr '66

Polyunsaturated acids in cow milk fat. V. P. Aristova. Vest. sel'khoz. nauki 10 no. 6:79-84 Jo '65

Possible use of acridine orange in the ultraviolet spectroscopy of nucleic acids. V. G. Vladimirov and others. Tsitologiya 8 no. 1:126-130 Ja-F '66

Rapid spectrophotometric determination of thallium by means of diantipyrylmethane and tartaric acid. V. I. Lazareva, A. L. Lazarev. Zhur. anal. khim. 21 no. 2:172-176 '66

Spectrophotometric study of the interaction of thallium ion with succinic acid. Kh. I. A. Levitman, L. S. Mikhailovich. Dokl. AN SSSR 160 no. 2:91-97 F '66

Spectrophotometric analysis of ayes in the aqueous solutions of triphenylmethane dyes. K. S. Kirsanov, G. V. Shilova. Izv. vuz. ucheb. zav. khim. i khim. tekhn. 8 no. 6:915-920 '65

Spectrophotometric determination of methanolic solutions in the ultraviolet region. L. I. Kovatenko. Apt. fiz. 15 no. 1:52-55 Ja-F '66

Spectrophotometric determination of quinine in the ultraviolet range. T. E. Gullimova. Apt. fiz. 13 no. 1:31-35 My-Je '65

Spectrophotometric study of ascorbic acid complexes. Part 4: Europolym - ascorbic acid system. K. P. Stollarov, I. A. Amantova. Vest. LGU 21 no. 4:141-145 '66

Spectrophotometric study of the reaction of azine 113 with cerium (III) sulfate. V. A. Protasenko, Zhur. neorg. khim. 11 no. 3:668-669 Mr '66

Spectrophotometric study of the thiourea complexes of bivalent palladium. V. I. Shilenkova, A. A. Birlukov, E. M. Moskovskina. Zhur. neorg. khim. 11 no. 3:669-669 Mr '66

SPECTROPOLARIMETRY

Spectropolarimetric method of studying the structure of (—)-methyl methacrylate polymers. D. I. Kabanovskii, M. I. Shvartzman, IU, I. P. Petrov. Izv. AN SSSR, Ser. khim. no. 2:223-228 '66

SPECTRUM, INFRARED

Angular dependence of the spectral distribution of thermal outgoing radiation. K. I. Lukashovskaya. Prikl. fiz. atm. no. 3:73-82 '65

Energy correlations in spectrophotometry for the infrared portion of the spectrum. S. V. Ashcheulov. Probl. fiz. atm. no. 3:151-153 '65

Establishing the vertical temperature profile from the spectrum of outgoing radiation. V. P. Kostov. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 2:137-148 F '66

Infrared spectra of acetylaminocyclohexanones. T. P. Prodan, A. A. Zhenkova and others. Mikrobiologiya 35 no. 1:100-108 Ja-F '66

Infrared spectrum of the absorption of water by cerebral and muscular tissues of some vertebrate animals. N. A. Verzhbitskaya, A. I. Sidorova. Biofizika 8 no. 3:318-355 '64

Structural and analytical characteristics of the products of advanced-stage hydrolysis of cellulose acetate. G. A. Petrovavskii, G. A. Rukhmanovskii, Zhur. prikl. khim. 39 no. 2:123-127 F '66

Study of dextran and some of its derivatives by means of infrared spectroscopy. V. P. Karamant and others. Vysokom. soed. 8 no. 2:287-292 F '66

Transparency of the earth's atmosphere and division of the optical thickness into components in the 8-13 μ infrared portion of the spectrum. I. A. Badinov, S. D. Andreev. Prikl. fiz. atm. no. 3:160-173 '65

SPECTRUM, ULTRAVIOLET

Optical properties of thin layers of various materials in the vacuum ultraviolet region of the spectrum. V. M. Novikov. Opt. i mekh. prom. 33 no. 3:38-45 Ju '66

SPECTRUM ANALYSIS

Accuracy limit in spectrum analysis. S. P. Baranin. Radiotekhnika 21 no. 3:7-13 Mr '66

Adsorption and spectroscopic investigation of geometrically modified wide-pore silica gels containing ultrapore. N. V. Akshinskaya and others. Koll. zhur. 28 no. 1:3-10 Ja-F '66

Comparison of the methods of paper chromatography and emission spectroscopy for determining rare-earth elements and their mixtures. G. D. Eliseeva, O. A. Kul'skaya. Ukr. khim. zhur. 32 no. 2:220-221 '66

Determination of the configuration of steroidal and 1-methyl-4-alkylcyclohexanes by means of spectral methods. G. N. Zhelezin and others. Neftekhimika 5 no. 4:461-467 Ju-Ag '65

Use of the spectroprojector in petrographic practice. V. A. Galbin, V. F. Nikoynov. Vest. LGU 21 no. 6:144-145 '66

SPEEDOMETER

Using speedometers for measuring the volume of recovered oil in fields. V. F. Akimov, IU, I. Vinogradov, G. A. Kirillov. Nefteprom. dolo no. 2:34-37 '66

SPERMATOGENESIS IN ANIMALS

Radioactive isotopes in the study of spermatogenesis. B. A. Zabaneklova. Vest. sel'khoz. nauki 10 no. 6:30-33 Je '65

SPERMATOPHYTES

Structure-forming function of the plasma membrane in spermatogenesis of some Tyroglaphidae N. S. Stroganova, M. A. Monakhova Dokl. AN SSSR 167 no. 1 198-200 Mr '68

SPILLWAYS

(see also subdivision under Krasnoyarsk Hydroelectric Power Station)

Actual shear loads on the spillway apron with various energy dissipators, G. A. Iuditskii, Izv. VNIIG 77,57-77 '65.

Calculation of the spillway discharge capacity of large hydroelectric power stations in relation to an account of the flow on them, V. L. Vinogradov, Trudy GGI no. 128 113-125 '65.

Consideration of the pulsation load in the calculation of a spillway apron against emersion, G. A. Iuditskii, Izv. VNIIG 77,319-322 '65.

Effect of the roughness of a spillway surface on the degree of air saturation of an open stream, N. B. Isachenko, Izv. VNIIG 78,350-358 '65.

Seam preventing structures of afterbay, G. A. Russo Gidrot., 36 no. 1,20-21 Ja '66.

SPINAL CORD

Bioelectric reactions of the spinal cord in frogs following exclusion of the aortic reflexogenic zone, Z. S. Donisova, Biol. eksp. biol. med. 61 no. 1:13-17 Ja '66.

SPINAL CORD—DISEASES

Compression of the spinal cord in scoliosis and the principles for its treatment, K. D. Logachev, I. F. Tutulnik, Ortop., travm., i protez. 27 no. 2:35-39 F '66.

Prevention and treatment of radiculitis, E. Shmidt, Okh., truda i soto, strakh. no. 3 37-38 Mi '66.

SPINAL CORD—SURGERY

Implanted cholesteatomas of the cauda equina of the spinal cord, I. M. Mibit, A. V. Kogan, Ortop., travm., i protez. 27 no. 3 49-55 Mr '66.

SPINAL CORD—TUMORS

Implanted cholesteatomas of the cauda equina of the spinal cord, I. M. Mibit, A. V. Kogan, Ortop., travm., i protez. 27 no. 3 49-55 Mr '66.

SPINAL MENINGITIS see Meningitis, Spinal

SPINAL NERVES see Nerves, Spinal

SPINE—ABNORMALITIES AND DEFORMITIES

Biochemical study of protein and carbohydrate complexes in the serum of patients with scoliosis, A. I. Kaz'min, R. V. Maikur'eva, Ortop., travm., i protez. 27 no. 2: 55-60 F '66.

Compression of the spinal cord in scoliosis and the principles for its treatment, K. D. Logachev, I. F. Tutulnik, Ortop., travm., i protez. 27 no. 2:35-39 F '66.

Evaluation of spondylodolysis in scoliosis before and after the termination of growth, K. L. Vasil'kova, Ortop., travm., i protez. 27 no. 2,44-49 F '66.

Regular radiographic and tomographic examination of the spine with serious forms of scoliosis, P. V. Sibir'skaya, Ortop., travm., i protez. 27 no. 2:60-62 F '66.

Some biomechanical prerequisites for designing braces in scoliosis, M. N. Potonskii, Ortop., travm., i protez. 27 no. 2:39-44 F '66.

State of the heart in children and adolescents with serious forms of scoliosis; electrocardiographic data, L. N. Chernousova, B. M. Solbun, Ortop., travm., i protez. 27 no. 2:50-55 F '66.

SPINE—FRACTURE

Degenerative changes in intervertebral disks after recovery from a spinal fracture, V. L. Zotikova, A. S. Lantsova, Ortop., travm., i protez. 27 no. 2:31-34 F '66.

Results of operative treatment of closed simple compression fractures of the spine by the use of a fixation turnbuckle, L. G. Shkol'nikov, V. P. Soltyanov, Ortop., travm., i protez. 27 no. 2:19-24 F '66.

SPINE—RADIOGRAPHY

Anatomical X-ray studies of the ossification of the para-articular tissues in the thoracic region of the spine, Z. B. Alt'man, Sbor. nauch. rab. vrachei Kar. ASSR no. 4:158-162 '62.

Regular radiographic and tomographic examination of the spine with serious forms of scoliosis, P. V. Sibir'skaya, Ortop., travm., i protez. 27 no. 2:60-62 F '66.

SPINE—SURGERY

Indications and contraindications for surgical treatment of tuberculous spondylitis complicated by amyloidosis, E. N. Stanislavova, Probl. tub. no. 5:62-68 '65.

Restoration of the functions of the spine in compound treatment of tuberculous spondylitis in children, R. N. Korotkha, Ortop., travm., i protez. 27 no. 3,44-49 Mr '66.

Surgical treatment of complicated forms of tuberculosis in the thoracic region of the spine via a transthoracic approach, K. L. Volchenok, Ortop., travm., i protez. 27 no. 2:68-72 F '66.

Thoracodaphragmatic approach to the thoracolumbar region of the spine in tuberculous spondylitis, D. G. Kovalenko, Ortop., travm., i protez. 27 no. 2:63-68 F '66.

SPINE—TUBERCULOSIS

Surgical treatment of complicated forms of tuberculosis in the thoracic region of the spine via a transthoracic approach, K. L. Volchenok, Ortop., travm., i protez. 27 no. 2:68-72 F '66.

Thoracodaphragmatic approach to the thoracolumbar region of the spine in tuberculous spondylitis, D. G. Kovalenko, Ortop., travm., i protez. 27 no. 2 63-68 F '66.

SPINE—TUMORS

Clinical aspects and treatment of hemangiomas of the spine, L. L. Guseva Sov. med. 26 no. 1 125-129 Ja '66.

SPINEL GROUP

Study of spinel formation in the hydroxide systems Zn - Al, Zn - Cr, and Zn - Fe by the method of infrared absorption spectra, V. P. Chalyi, S. P. Rozhenko, Ukr. khim. zhur. 32 no. 1:3-7 '66.

SPINNING

Theory of skein formation and twisting, I. I. Finkel'shtein, Izv. vyz. ucheb. zav.; tekhn. tekst. prom. no. 1:70-75 '66.

SPINNING MACHINERY

Dynamics of the control channel of drafters, A. S. Melchakov, V. P. Khavkin, Izv. vyz. ucheb. zav.; tekhn. tekst. prom. no. 1:132-136 '66.

Effect of lower numbers of card silver and lap for high-draft drawing machines on the quality of yarn, A. L. Feigenberg, Tekst. prom. 26 no. 3:14-17 Mr '66.

Electromechanical spindle speed regulator, V. M. Tikston, V. S. Efremov, Tekst. prom. 26 no. 3:30-31 Mr '66.

Experience in the processing of cuprammonium fibers on cotton spinning machines, K. N. Maslennikov, M. S. Gishina, V. V. Grafov, Tekst. prom. 26 no. 3:12-14 Mr '66.

Nylon blowing on slubbing frames for cotton manufacture, V. I. Tomarovskii, Tekst. prom. 26 no. 3:28-30 Mr '66.

Use of spindle caps on ring spinning machinery, N. V. Medvedovskaya, V. I. Sergeev, Tekst. prom. 26 no. 3: 17-21 Mr '66.

SPINNING MACHINERY—PARTS

Provide the machinery for wet flax spinning with durable moistening troughs, N. A. Georgievskii, S. V. Nezelenov, Tekst. prom. 26 no. 3:26-28 Mr '66.

SPIRAL GEARING see Gearing, Spiral

SPIRAIS

A property of a hyperbolic spiral, M. N. Pogrebetskaya, Izv. vyz. ucheb. zav., mashinost. no. 1 5-9 '66.

Some constructional characteristics of spirals of the type $r = a \varphi^m$, M. M. Mikhnev, Trudy Un. druzh. nar. 2. Nach. geom. no. 1:100-103 '63.

SPIROCHETOSIS—PREVENTIVE INOCULATION

Prophylaxis of spirochetosis in poultry, S. A. Iakovlev, Veterinaria 42 no. 1:12 Ja '66.

SPLENIC ARTERY—RADIOGRAPHY see Splenopography

SPLENIC VEIN—RADIOGRAPHY see Splenopography

SPLENOPTOGRAPHY

Transcutaneous splenopography in dogs, E. I. Mitrofanov, Eksp. khir. i anal. no. 4:38-41 '65.

Transumbilical portohepatography in the diagnosis of stomach cancer metastases to the liver, G. P. Zaitsev, A. Kuz'min, A. D. Nikolskii, Vop. onk. 12 no. 2: 8-12 '66.

SPONGES, FOSSIL see subdivision under Carpathian Mountain region

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPORANGIUM

Growth inhibition of the fungus *Trichophthora infestans* De Bary by the treatment of sporangia (conidia) with the concentrated solutions of phosphate or sodium fluoride, A. M. Mal'kov, E. M. Malchuk, E. P. Markhol', Prikl. biokhim. i mikrobiol. 2 no. 1:83-86 Ja-F '66.

SPORES (BOTANY)—SPECTRA

Infrared spectra of actinomycetes spores, T. P. Prodan'shenkaya and others, Mikrobiologiya 35 no. 1:98-99 Ja-F '66.

SPORTING GOODS

Portable equipment for measuring the strength of various muscle groups, B. M. Rybnik, Teor. i prak. fiz. kul't. 26 no. 2:24-26 F '66.

SPORTS

(see also subdivision under Cuba; Leningrad)

All-Union review of the Soviet physical education movement, Teor. i prak. fiz. kul't. 26 no. 3:1-5 Mr '66.

All-Union Spartakiad of rural athletes, V. Khorlin, Sov. sport. zh. 10 no. 2:33-34 F '66.

Anniversary of the Soviet armed forces, Teor. i prak. kul't. 26 no. 2 1-2 F '66.

Major sports competitions as theater, Iurii Vlasov, Teatr 27 no. 1 133-136 Ja '66.

Matveev, L. P. [For athletes about sports form] Sportman's sportivnoi forme. Izd. 2, perer. Moskva, Fizkul'tura i sport, 1966 65 p. (Biblioteka sportmena)

Sports examination, N. Minkus, Sov. voyn. 48 no. 6:41 12 Mr '66.

SPORTS—ACCIDENTS AND INJURIES see subdivision under Karelia

SPORTS—CONGRESSES

International sports movement, A. O. Romanov, Teor. i prak. fiz. kul't. 26 no. 2 8-13 F '66.

SPORTS—EQUIPMENT AND SUPPLIES see Sporting goods

SPORTS—PHYSIOLOGICAL ASPECTS

Adaptation of the cardiovascular system to sport loads, S. A. Razumov, Teor. i prak. fiz. kul't. 26 no. 2:46-49 F '66.

Changes in the frequency of heart contractions during the training of weight lifters and wrestlers, E. A. Klimonov, Teor. i prak. fiz. kul't. 26 no. 2:49-50 F '66.

Characteristics of the reaction of the cardiovascular system of women athletes to standard physical loads, G. A. Gontcharova, Teor. i prak. fiz. kul't. 26 no. 3: 37-40 Mi '66.

Comprehensive research on the functions of external breathing and blood circulation during the restorative period, L. I. Karpenko, Teor. i prak. fiz. kul't. 26 no. 2:44-46 F '66.

Evaluating the latent period of visual-motor reactions in athletes, B. I. Antipov, Teor. i prak. fiz. kul't. 26 no. 3:30-33 Mi '66.

Evaluating the training level of the senior grade athletes, I. U. L. Karpukhina, N. I. Orshchenko, N. A. Stoliarova, Teor. i prak. fiz. kul't. 26 no. 2:42-43 F '66.

Evaluation of training loads by the method of summation-pulsometry, V. M. Zaitsevskii, N. G. Kulik, Teor. i prak. fiz. kul't. 26 no. 3:44-47 Mi '66.

Grouping the various kinds of sports, A. G. Dembo and others, Teor. i prak. fiz. kul't. 26 no. 2:56-58 F '66.

Method of the telemetric registration of an electro-kinogram, G. G. Demtchogian, M. A. Atkinovskian, L. V. Davtian, Teor. i prak. fiz. kul't. 26 no. 2:34-35 F '66.

Oscillatory changes of the lower and upper extremities after a dynamic load upon upper extremities, Borislav Karanov, Teor. i prak. fiz. kul't. 26 no. 2: 68-71 F '66.

Some laws of sport training, B. I. Bulenko, Teor. i prak. fiz. kul't. 26 no. 2 51-55 F '66.

Some reasons for defeat in sports, T. P. Panegorskaya, Teor. i prak. fiz. kul't. 26 no. 3:26-30 Mr '66.

Specific characteristics of the neuropsychological state of gymnasts in falling from gymnastic equipment, V. V. Llanin, Teor. i prak. fiz. kul't. 26 no. 2:29-31 F '66.

Speed training in ski races based on biochemical and physiological research, E. G. Terekhin, Teor. i prak. fiz. kul't. 26 no. 2:35-37 F '66.

Studying the preparedness of a wrestler for a contest by means of the associative experiment method, L. N. Radchenko, Teor. i prak. fiz. kul't. 26 no. 2:31-33 F '66.

Studying the reaction of the cardiovascular system during repeated ski jumps from a springboard, A. A. Askinazii and others, Teor. i prak. fiz. kul't. 26 no. 2 38-42 F '66.

SPORTS—SOCIETIES, ETC.

In the Central Council of the Association of Sports Societies and Organizations of U.S.S.R., Teor. i prak. fiz. kul't. 26 no. 3:72-73 Mr '66.

SPORTS MEDICINE

14th All-Union Conference on Sports Medicine and the 1st symposium dedicated to the problem "Overstrain of a healthy and a sick heart," V. A. Geselevich, Teor. i prak. fiz. kul't. 26 no. 3:74-77 Mr '66.

SPRATS see subdivision under Caspian Sea

SPRAY PAINTING

Recovery of organic solvents in leather coating with nitro-enamels, M. A. Kutovskii, V. A. Lishitsa, Lakokras. mal. i kh. prim. no. 1:67-72 '66.

SPRAY PAINTING, ELECTROSTATIC

Experimental study of the electrostatic atomization of paints V. A. Gubenko. *L'et' i osmat.* 1966, 19, no. 1, 28-33.

SPRAY PAINTING, ELECTROSTATIC—EQUIPMENT AND SUPPLIES

Increasing the reliability of the performance of electrostatic spray painting equipment B. A. Viktorov. *Der. prom.* 15, no. 3, 23 Mr '66.

SPRAYING AND DUSTING EQUIPMENT see subdivision under Moldavia

SPRAYING AND DUSTING IN AGRICULTURE

For rural universities Inform. biul. VDNKH no. 6, 34 Ja '64.

SPRINGS (MECHANISM)

Measuring the elasticity of valve springs V. Erem'in. *Tekhn. sel'khoz.* 26, no. 1, 79 Ja '66.
Semi-automat for winding zigzag springs V. I. Seriatov. *Der. prom.* 15, no. 2, 27-28 F '66.

SPRINGS (MECHANISM)—RELIABILITY

Durability of helical springs E. N. Levkovskii. *Vest. mashinost.* 46, no. 3, 9-14 Mr '66.

SPRINKLER IRRIGATION

(see also subdivision under Rostov Province)

Sprinkler irrigation of large areas N. T. Novakov, V. L. Chuchasov. *Gidr. i mel.* 18, no. 2, 57-61 F '66.

SPRINKLERS

AD-115 sprinkler unit N. A. Muizikov. *Trakt. i sel'khoz. mash.* no. 3, 39-38 Mr '66.

Boom and guy sprinklers V. A. Anisimov. *Gidr. i mel.* 18, no. 1, 10-12 Ja '66.

DDA-100M sprinkler unit with a sliding connector V. Nosenko, N. Borovenskii. *Tekhn. v sel'khoz.* 26, no. 2, 22-23 F '66.

Sprinkler and irrigation unit V. Nosenko, N. Borovenskii. *Tekhn. v sel'khoz.* 26, no. 1, 19-21 Ja '66.

SPRUCE

(see also subdivision under Aichangel Province, Georgia, Udmurt A.S.S.R.)

Nitration of lignin isolated from spruce wood by mechanical milling method N. N. Shorygina, N. P. Mikhailov, B. V. Lopatin. *Khim. prirod. soed.* 2, no. 1, 58-65 '66.

SPRUCE—VARIETIES see subdivision under Ural Mountains

SPUTNIKS see Artificial satellites

SREDNYAYA AKHTUBA DISTRICT—SOILS

Genesis and classification of soils of the left-bank limans of the Caspian Lowland within the limits of Srednyaya Akhtuba District of Volgograd Province S. L. Nikitin, B. A. Isupov. *Sootr. nauch. rab. Volg. gos. ped. inst.* no. 1, 64-74 '64.

SREZNEVSKII, IZMAIL IVANOVICH, 1812-1880

Letters written by F. Miklosich to I. I. Sreznevskii. A. I. Kuz'min. *Izv. AN SSSR. Ser. lit. i iz.* 25, no. 1, 51-58 Ja-F '66.

SSU-MA, CH'EN, ca. 145-86 B.C.

How Ssu-ma Ch'ien pictured the Ch'in ch'u period V. A. Rubin. *Nar. Az. i Afr.* no. 2, 78-86 '66.

STABILITY

Thermodynamic theory of stability and Gruneisen's constant V. K. Semenchuk, E. D. Soldatova, Zhur. *Khim.* 40, no. 3, 692-694 Mr '66.

STABILITY OF MOTION, THEORY OF

Mladov, A. G. [Systems of differential equations and Liapunov stability of motion] *Sistemy differentsial'nykh uravnenii i usloichivost' dvizhenia po Liapunovu.* Moskva, Vysshaya shkola, 1966. 223 p.

On stability in one critical case G. Datrov. *Izv. AN Kazakh. SSR. Ser. fiz.-mat. nauk* 4, no. 1, 48-54 Ja-Mr '66.

Stability of the programmed motion of a point of variable mass allowing for the earth's rotation Zh. Kirgizbaev. *Izv. AN Kazakh. SSR. Ser. fiz.-mat. nauk* 4, no. 1, 71-79 Ja-Mr '66.

STABILITY OF SHIPS

Use of Euler's formulas to determine the height of the metacenter V. V. Ashik. *Sudostroenie* 58, no. 2, 11-14 F '66.

STADIUMS see subdivision under Leningrad

STADIUMS—LIGHTING

Electrical lighting of indoor stadiums N. I. Khuditskii. *Svetotekhnika* 12, no. 4, 21-24 Ap '66.

STAINLESS STEEL see Steel, Stainless

STAINS AND STAINING (MICROSCOPY)

Granulation in intravital stained cells of the chick embryo's neural tube at various stages of development V. F. Puchkov. *Tsitologia* 8, no. 1, 30-38 Ja-F '66.

Staining crystals, spores, and vegetative cells of entomopathogenic bacteria G. M. Ivanov, A. B. Gukasiann. *Mikrobiologiya* 35, no. 1, 179-180 Ja-F '66.

Tinctorial properties and cytochemical structure of toxoplasma cysts I. U. L. Ukhov. *Med. paraz. i paraz. bul.* 35, no. 2, 209-211 Mr-Apr '66.

Use of the Gomori method and lead impregnation in histochemical and morphological studies of some extramural ganglia of the vegetative nervous system N. N. Peltapavlovskaya. *Trudy Mosk. vnt. akad.* 22, no. 2, 7-14 '58.

STALINGRAD see Volgograd

STALINGRAD, BATTLE OF, 1942-1943

Medics in the battle of the Volga V. V. Zuzufukin. *Voen.-med. zh.* no. 2, 93 F '66.

Unforgettable days (conclusion) A. Vasilovskii. *Voen.-ist. zh.* 8, no. 3, 24-44 Mr '66.

STALINGRAD PROVINCE see Volgograd Province

STALINO see Donetsk

STALINO PROVINCE see Donetsk Province

STALINSK see Novokuznetsk

STAL'SKII, SULEIMAN, 1869-1937

Suleiman Stal'skii and Azerbaijan M. N. Akhmedov. *Uch. zap. API. laz. Ser. filol.* no. 3, 113-122 '63.

STANDARDIZATION

(see also subdivision under Kazakhstan)

Advance of standardization in our country I. Osipova, S. Smirnova. *Bibliotekar'* 43, no. 3, 5-9 Mr '66.

Concern of the whole party, concern of the whole people C. S. Evseev. *Standartizatsia* 29, no. 12, 1-3 D '65.

Conference on the quality of proposed draft standards L. L. Akintiev. *Standartizatsia* 29, no. 12, 56 D '65.

M. I. Kalinin and the problems of standardization M. I. dok. po ist. stand. no. 3, 5-8 '65.

[Materials and documents on the history of standardization] M. I. dok. po ist. stand. no. 1 '65.

National system of standardization and the quality of goods M. B. Emel'ianova. *Sov. gos. i pravo* 36, no. 4, 41-10 '66.

Standardization and the supply of materials and equipment M. I. Tsyplakov. *Standartizatsia* 29, no. 12, 65 D '65.

Standardization is a matter of foremost economic and political importance M. I. dok. po ist. stand. no. 3, 8-32 '65.

Standards and bureaucracy V. S. Zamalin. *Standartizatsia* 29, no. 12, 40-41 D '65.

V. I. Lenin and the problems of standardization M. I. dok. po ist. stand. no. 3, 5-8 '65.

STANDARDIZATION—ECONOMIC ASPECTS

Economic efficiency of unification S. K. Khachatryan. *Standartizatsia* 29, no. 12, 51-52 D '65.

STANDARDIZATION—STUDY AND TEACHING

Problems of standardization and the training of specialists K. I. Epemidze. *Standartizatsia* 29, no. 12, 40-50 D '65.

STANDARDS, ENGINEERING

[Information index of standards] Inform. ukaz. stand. 27, nos. 1-2 '66.

STANISLAV PROVINCE see Ivano-Frankovsk Province

STAPHYLOCOCCAL DISEASE see subdivision under Alma-Ata

STAPHYLOCOCCUS

Effect of benzylpenicillin and some polysynthetic penicillins on *Staphylococcus aureus*: accumulation of the precursor of the cell wall mucopolysaccharide L. I. Torboshkina, T. A. Dormidoshina, L. N. Navol'neva. *Antibiotiki* 11, no. 3, 217-222 Mr '66.

Sensitivity of wound staphylococci to antibacterial agents V. M. Svetovidova. *Antibiotiki* 11, no. 3, 273-278 Mr '66.

STAPLERS (SURGERY)

Selection of suturing devices and their combinations used in gastric and esophageal resection for cancer and peptic ulcer V. I. Kukosh, I. U. V. Kisel', *Khirurgiya* 42, no. 3, 13-17 Mr '66.

STARAYA RUSSA (NOVGOROD PROVINCE)—MINERAL WATERS

Oxidation-reduction state of the Staraya Russa and Khilovo mineral waters A. I. Korotkov. *Zap. LGI* 48, no. 2, 81-87 '65.

STARCH

Attack of amylase against starch V. S. Potanina, I. T. Faldutina. *Pril. biokhim. i mikrobiol.* 2, no. 2, 210-212 Mr-Apr '66.

Changes in the starch properties of potatoes subjected to ^{60}Co gamma rays I. M. Putilova and others. *Pril. biokhim. i mikrobiol.* 2, no. 1, 133-138 Mr-Apr '66.

Study of starch in Soviet rice varieties A. I. Gushakov, G. M. Maslova. *Pril. biokhim. i mikrobiol.* 2, no. 2, 128-132 Mr-Apr '66.

STARCH—ANALYSIS

Analyzing the physicochemical properties of modified, gelatinizing, liquid-holding starches V. S. Gutsuner, P. M. Aikhangulskii. *Sakh. prom.* 10, no. 3, 57-61 Mr '66.

Density of starch and starch hydromagnetics V. A. Smirnov. *Sakh. prom.* 40, no. 4, 74-75 Ap '66.

STARCH—OPTICAL PROPERTIES

Specific rotation of starch in its determination by the Dvor's method A. N. Borodanko, V. A. Smirnov, P. I. biokhim. i mikrobiol. 2, no. 2, 139-143 Mr-Apr '66.

STARCH INDUSTRY

Expanding the production and utilization of modified starches G. Khramova. *Sakh. prom.* 10, no. 3, 61-61 Mr '66.

STARCH INDUSTRY—BY-PRODUCTS

Technical and economic efficiency of the complex processing of potatoes T. N. Morina. *Sakh. prom.* 10, no. 3, 53-56 Mr '66.

Utilization of potato cell juice and pulp for the preparation of food vitamin B₁₂ K. I. Puzhuk, G. P. Safonov, I. G. Maslova. *Sakh. prom.* 40, no. 3, 49-53 Mr '66.

STARS

Calculation of the azimuths of Polaris A. V. Butkevich. *Geod. i kart.* no. 2, 14-16 F '66.

Star stars as a possible source of cosmic X radiation G. A. Ginzadon. *Dokl. AN SSSR* 166, no. 4, 821-824 F '66.

Relativeistic collapse followed by anticollapse, and the kinematics of a charged sphere, I. D. Novikov, P. I. v. red. Zhur. eksp. i teoret. fiz. 3, no. 5, 223-227 Mr '66.

STARITSKYI, MYKHAILO PETROVICH, 1840-1904

One-hundred and twenty-fifth anniversary of the birth of M. P. Staritskii Leonid Lee, O. Chornil. *Rad. lit.* 10, no. 2, 94-95 F '66.

STARYY KHYM DAM—VIBRATION

Vibrations of the Staryy Khym concrete dam caused by quarry blasting I. A. Tsel'tsin, V. V. Kuchukov. *Gid. strol.* 36, no. 1, 37-39 Ja '66.

STATE, THE

Mechanisms of the contemporary imperialist state A. A. Mishin. *Sov. gos. i pravo* 36, no. 3, 99-108 Mr '66.

STATE AND EDUCATION see Education and state

STATE FARMS

(see also subdivision under Armenia; Kurgan Province)

Development of industrial cooperation between sugar factories and state farms E. P. Gubin. *Sakh. prom.* 40, no. 3, 44-44 Mr '66.

STATE FARMS—COSTS see subdivision under Krasnoyarsk Territory

STATE FARMS—FINANCE

(see also subdivision under Rostov Province, Ukraine)

The hectare and the ruble E. Tsinisadze, A. Galitsin. *Sov. profsoyuz* 22, no. 6, 10-11 Mr '66.

Strengthen state farm finances A. Rezhko. *Fin. SSR* 40, no. 3, 28-33 Mr '66.

STATE FARMS—MANAGEMENT

(see also subdivision under Karaganda Province; Ogo District)

For the benefit of the people P. A. Anas'ev. *Sov. profsoyuz* 22, no. 6, 18-19 Mr '66.

Our problems V. Markatenko. *Ekon. Rad. Ukr.* 9, no. 3, 81-82 Mr '66.

Powerful accelerator A. Galitsyn. *Sov. profsoyuz* 22, no. 4, 12-13 F '66.

STATE FARMS—PERSONNEL MANAGEMENT

Do away resolutely with the violation of labor laws on state farms N. Vishnevetskaya. *Sots. zakon.* 43, no. 3, 9-12 Mr '66.

STATES, NEW

Legal character of the United Nations Declaration on the granting of independence to colonial countries and peoples L. Anonovich. *Sov. gos. i pravo* 36, no. 3, 50-55 Ap '66.

STATES, NEW—ECONOMIC CONDITIONS

Social content and political form of a noncapitalist development of young states. G. B. Staryushenko, *Sov. gos. i pravo* 36 no. 4 133-112 Ap '66.

Some problems concerning the noncapitalist development of the countries which have become free. R. Uliyanovskii, *Kommunist* 42 no. 1209-110 Ja '66.

STATES, NEW—LAW—HISTORY

From the history of Afro-Asiatic countries. P. N. Galanova, M. M. Dzhurich, V. D. Zoi'kin, *Sov. gos. i pravo* 36 no. 4 143-144 Ap '66.

STATES, NEW—POLITICS

Eighty student scientific and theoretical conference at the Petrice Lumumba People's Friendship University. A. K. Tskunov, *Sov. gos. i pravo* 36 no. 3:139 Mi '66.

Social content and political form of a noncapitalist development of young states. G. B. Staryushenko, *Sov. gos. i pravo* 36 no. 4 103-112 Ap '66.

STATISTICAL COMMUNICATION THEORY

Levin, B. R. [Theoretical principles of statistical radio engineering]. *Teoreticheskie osnovy statisticheskoi radioelektroniki*. Moscow, Sovetskoe radio, Book 1, 1966, 728 p.

STATISTICAL DECISION

Theory of decision making and the control of forces. V. S. Pirumov, D. S. Kall, R. I. Trukhachev, *Mor. boi*, 40 no. 4:20-26 Ap '66.

STATISTICAL MECHANICS

Classical dynamic systems with multiple Lebesgue spectra. Part 2. I. A. G. Shai, *Izv. AN SSSR, Ser. mat.* 30 no. 1:15-68 '66.

STATISTICAL PHYSICS

Refinement of the relationship between Gibbs law of distribution and the first law of thermodynamics. T. M. Lavrova, *Uch. zap. Kal. gos. ped. inst.* 33:18-26 '63.

Use of the method of characteristic functions in statistical physics. Part 1. V. V. Votolko, *Trudy VZEI* no. 17 59-60 '61.

STATISTICAL WEATHER FORECASTING

Mondin, A. S., and A. M. Obukhov. [Statistical study of large-scale atmospheric processes]. *Statisticheskoe issledovanie krupnomashinnykh atmosferykh* professorov. Moscow, Akad. nauk SSSR, 1966, 14 p. (Mezhdunarodnyi simpozium po dinamike krupnomashinnykh atmosferykh professorov)

STATUETTES see subdivision under Volga Valley

STATUS (LAW)

Special proceedings under the new civil procedure codes. R. Kallistratova, *Sots. zakon* 43 no. 3:27-30 Mi '66.

STAVROPOL TERRITORY—CONSTRUCTION INDUSTRY

A practice that has been started should be continued. I. Matishchenko, A. Euner, *Na strol. Ros.* 7 no. 2:12-13 F '66.

STAVROPOL TERRITORY—CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of the continuous monoculture of corn on the yield and the content of some nutrients in the soil. G. I. Rumiantsev, *Agrokhimiya* no. 3:142-144 Mr '66.

STAVROPOL TERRITORY—DRILLING MUDES

Combined processing of flushing fluids in deep drilling in Stavropol Territory. L. L. Makanova and others, *Bulleten* no. 2:10-20 '66.

STAVROPOL TERRITORY—GAS, NATURAL

Economic effectiveness of using natural gas in Stavropol Territory. I. S. Tyshlar, *Gaz. delo* no. 1:31-33 '66.

STAVROPOL TERRITORY—GAS FIELD DEVELOPMENT

Programming the development of gas pools in allstons and argillaceous reservoirs. F. F. Rybakov, V. V. Kalashnev, *Gaz. prom.* 11 no. 2:16-13 '66.

STAVROPOL TERRITORY—MOUNDS

A burial mound of the Bronze Age near the village of Staro-Mikhaylovka. T. M. Minaeva, *Mnt. i issl. po arkheol. SSSR* no. 130:97-99 '65.

STAVROPOL TERRITORY—OIL WELL CASING

Katayev, E. P. [Casing wells under high temperatures and pressures]. *Kreplenie skvazhin pri vysokikh temperaturakh i davleniyakh*. Moscow, Nedra, 1966, 191 p.

STEAM—CONGRESSES

International tables on viscosity and thermal conductivity of water and steam. N. B. Vargafik, M. P. Vukalovich, *Teplotenergetika* 12 no. 12:55-64 D '66.

STEAM—TABLES, CALCULATIONS, ETC.

Pressure of saturated steam as a function of temperature within the range from 0 to 100°C. N. N. Surodeikin, *Izv. vys. ucheb. zav.; iss. zhur.* 8 no. 8:187 '65.

STEAM—THERMODYNAMICS

Discontinuities in thermal capacity C_V , speed of sound, and adiabatic index on the threshold curve of the phase equilibrium boundary of steam-liquid. M. L. Deich, E. V. Stekol'nikov, G. A. Filippov, *Teplotenergetika* 12 no. 12:51-51 D '65.

STEAM ACCUMULATORS

Utilization of steam from the second boiling-up of condensates. P. A. Lisovskii, *Kons. i ov. prom.* 21 no. 1:17-18 Ap '66.

STEAM BOILERS see Boilers

STEAM POWER PLANTS

(see also subdivision under Cherepet', Tula Province; Dnieper Valley)

Automation of a steam and gas system. N. I. Arsen'ev and others, *Teplotenergetika* 13 no. 1:24-30 Ja '66.

Determination of optimum terminal parameters of steam in condensing steam and gas systems with high-pressure steam generators. V. N. Lapshov, A. I. Popov, *Teplotenergetika* 13 no. 1:5-11 Ja '66.

Effectiveness of intermediate steam superheating in central heating steam and gas systems. R. Z. Arslanov, *Teplotenergetika* 13 no. 1:11-18 Ja '66.

Efficiency of steam and gas systems operating on high-sulfur mazut. A. I. Andriushchenko and others, *Teplotenergetika* 13 no. 1:16-20 Ja '66.

Special features of steam and gas systems with vapor and other than steam. D. P. Gokhsheva, G. F. Smilov, V. S. Khov, *Teplotenergetika* 13 no. 1:20-21 Ja '66.

Time-up of a DT-200 feeder for moist coal. V. B. Popov, *Energ. strol.* no. 44 21-22 '61.

STEAM POWER PLANTS—DESIGN AND CONSTRUCTION

Over all mechanization of the network in the construction of thermal electric power stations. L. B. Nalehut, A. P. Chernikov, *Energ. strol.* no. 44:3-5 '61.

STEAM POWER PLANTS—TESTING see subdivision under Cherepet' (Tula Province); Dnieper Valley

STEAM TURBINES

Analysis of structural changes in a heating network. M. I. Shchepetil'nikov, *Teplotenergetika* 13 no. 1:31-35 Ja '66.

Carrying out the prestart operations in the block of the Zolnaya Regional Electric Power Plant. B. K. Pimenov, *Energ. strol.* no. 7:40-46 '65.

Change in the installation process of the K-150-130 turbine and TVV-165-2 turbogenerators. A. Z. Mirsis, *Energ. strol.* no. 7:25-31 '65.

Edge losses in turbine lattices. A. E. Zarlanin, *Teplotenergetika* 13 no. 1:38-42 Ja '66.

Effect of the geometrical characteristics of a turbine stage on the radial reactance gradient. M. E. Levina, V. K. Gubnev, *Teplotenergetika* 13 no. 1:43-49 Ja '66.

Effectiveness of the regenerative systems of steam and gas units developed by the Central Scientific Research Institute for Boilers and Turbines. V. P. Drobot, *Teplotenergetika* 13 no. 1:73-77 Ja '66.

Experimental study of a supersonic flow in turbine cascades. E. V. Malorski, B. M. Trofanovskii, *Teplotenergetika* 12 no. 12:65-72 D '66.

Improvement of the runner portion of a turbine by opening the blade roots. A. G. Danilovskii, A. M. Topunov, *Teplotenergetika* 13 no. 1:35-39 Ju '66.

More on the regulation of turbines with steam bleed. L. S. Loffe, *Energomashinostron* 12 no. 2:45-48 F '66.

Optimal distribution of the regenerative heating of the feedwater of a steam turbine system. A. M. Kuznetsov, *Teplotenergetika* 12 no. 12:65-69 D '66.

Study of the effect of the form of limiting runner surfaces on the operation of a turbine stage. A. A. Moiseev and others, *Izv. vys. ucheb. zav.; energ.* 9 no. 3:62-68 Mr '66.

System for turning steam turbine hulls. K. S. Chepelo, *Energomashinostron* 12 no. 2:38-39 F '66.

Temperature stresses in one-piece forged steam turbine rotors. M. S. Vorob'ov, *Energomashinostron* 12 no. 2:21-23 F '66.

STEAM TURBINES—DESIGN AND CONSTRUCTION

Developing materials for seals in steam turbines. Report No. 1. V. N. Miroshnikov, *Porosh. met.* 8 no. 1:23-28 Ja '66.

New tools and equipment used in the installation of turbines. D. A. Tyklin, *Energ. strol.* no. 44:17-20 '64.

STEAM TURBINES, MARINE

Marine steam turbines on the eve of qualitative changes. L. S. Shapiro, *Sudostroenie* 56 no. 1:40-44 Ja '66.

STEAMPIPES

All-Union conference on the use of finned pipes in the manufacture of boilers. A. U. Lipets, *Energomashinostron* 12 no. 2:44 F '66.

Carrying capacity of the drainage lines of large steam-pipes. D. P. Uliatov, I. P. Gorkhol, I. I. A. Berthinskii, *Teplotenergetika* 12 no. 13:22-26 D '65.

Installation of station piping. Z. M. Simanovskii, *Energ. strol.* no. 45 90-92 '61.

Installation of the steam-pipes. *Energ. strol.* no. 45:28-30 '64.

STEAMPIPES—WELDING

Dimension of the heat affected zone in heat treatment of seams of steam pipes. I. N. Vornovitskii, R. L. Sokol, *Energ. strol.* no. 7:46-49 '65.

Heat treatment of heating surfaces in built welded pipe assemblies by means of an electric panel type heating element. F. A. Khromchenko, *Energ. strol.* no. 8:31-34 '65.

Quality welding of pipes used for the heating surface of boiler units. *Energ. strol.* no. 44:07-09 '64.

Resistance welding of finned pipes. A. I. Bondarev, *Energomashinostron* 12 no. 2:20-30 F '66.

Summing up of welding operations connected with the installation of main blocks. S. S. Jakobson, A. V. Rotshtein, *Energ. strol.* no. 45 132-135 '61.

STEARIC ACID

Oxidation of stearic acid and conjugated reactions. N. I. Mitkevich, I. V. Trofeyev, V. A. Lashkevich, *Neftekhimiya* 5 no. 3:381-387 My-Je '65.

Studying the continuous drying of calcium stearate in a fluidized bed. N. I. Gelfring, O. I. Podgayskaya, N. N. Baturov, *Mash. i zhur. prom.* 32 no. 1:21-23 Ja '66.

STEBUT, IVAN ALEKSANDROVICH, 1833-1923

Balashov, L. L. Ivan Aleksandrovich Stebut (1833-1923). Moscow, Nauka, 1960. 164 p. (Nauchno-biograficheskaya seriya)

STEEL

Application of heat plasticity conditions to anisotropic steel. V. N. Bostun, N. I. Chelach, *Phys. mech.* 2 no. 1:92-96 '66.

Effect of vanadium on the phase composition and structure of high boron steel. R. V. Gribchenkov and others, *Atom. energ.* 20 no. 2:144-145 F '66.

Friction of watered steel surfaces during the drying process. D. T. Avdeev, A. I. Romanovskii, *Izv. vys. ucheb. zav.; mashinostr.* no. 1 41-41 '66.

Phase and structural changes in impact-deformed carbon steels. M. V. Belousov, L. M. Mul'takh, V. I. Perminov, *Ukr. fiz. zhur.* 11 no. 2:225 F '66.

Some results of the investigation of the wear of tempered steel due to friction against rock. A. M. Popov, A. I. Spivak, *Mash. i nef. boi.* no. 2:20-23 '66.

STEEL—ANALYSIS

Rapid method of manganese, molybdenum and phosphorus determination in steel. E. P. Terent'eva, I. U. G. Erenta, *Izv. vys. ucheb. zav.; khim. i fiz. tekhn.* 8 no. 6:902-905 '65.

STEEL—BRITTLENESS

Brittleness of chromium-molybdenum-vanadium steels during tempering. L. A. Dolinskaya and others, *Metalloved. i term. obr. met.* no. 3:39-44 Mr '66.

Connection between the blocking of dislocations by impurities inside and at grain edges and the critical brittleness temperature. I. U. V. Gidina, E. E. Glikman, *Izv. vys. ucheb. zav.; chem. met.* 9 no. 2:115-119 '66.

Second all-Union conference on the cold resistance of welded structures. V. S. Gurenko, *Avtom. svnr.* 19 no. 2:70 F '66.

STEEL—CONGRESSES

Konferentsiya po fiziko-khimicheskim osnovam proizvodstva stali. 6th, Moscow, 1961. [Physical and chemical bases of steel production; transactions] *Fiziko-khimicheskie osnovy proizvodstva stali; trudy...* Moscow, Nauka, 1964. 425 p. (ICRI)

STEEL—CORROSION

Corrosion resistance of 1Cr18Ni9Ti steel. A. B. Vol'-Epstein, M. N. Zharova, *Koka, i khim.* no. 2:54-55 '66.

Effect of inhibitors on the corrosion of steel in sulfuric acid. L. M. Fal'kovskaya, *Sov. nauch. trud. Dnepr. inzh.-strol. inst.* no. 25:62-67 '62.

Mechanism of the corrosion of steel in fluid flow in oil wells. V. P. Negrevo, F. R. Sharlov, *Azerb. nef. khim.* 45 no. 1:24-30 Ja '66.

New data on the rate of steel corrosion in hydrochloric acid. V. M. Chistiakov, *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 9 no. 6:1033-1035 '65.

Steel corrosion in the system gas-calcium chloride solution when eliminating crystalline hydrates by electrolytic solutions. F. K. Andriushchenko, V. I. Shalgaldenko, L. A. Sakina, *Gaz. delo* no. 1 22-25 '66.

STEEL—DEFECTS

Experience in using ultrasonic defectoscopy. M. V. Stal'man, *Metalurg* 11 no. 3:32 Mr '66.

STEEL—ELECTRIC PROPERTIES

Effect of mechanical treatment on the magnetic properties of magnetic circuits from electrical steel. G. A. Brashevan, B. V. Molodtsov, *Elektrichestvo* no. 4:84-87 Ap '66.

STEEL—ELECTROMETALLURGY

Effect of the final deoxidation of ball-bearing steel on its contamination by nonmetallic inclusions. Met. i koks-khim. no. 3:114-121 '65.
Reduction of the magnesium of a lining during the smelting of steel alloyed with aluminum. V. I. Zhalybin, G. S. El'kov. Izv. Ak. SSSR, Met. no. 1:49-53 Ja-F '66.
Theory of metal treatment in the ladle with electric furnace and synthetic slags. N. M. Chukko and others. Met. i koks-khim. no. 3:17-27 '65.

STEEL—FATIGUE

Contact resistance of cemented steel. M. A. Baiter, M. L. Turayevskii. Metalloved. i term. obr. met. no. 3:2-6 Mr '65.
Critical number of stress application cycles and the critical stress. V. S. Ivanova, V. F. Terent'ev. Izv. vys. ucheb. zav., Chern. met. no. 3:149-152 '66.
Fatigue fracture of band saw blades. I. I. Trubnikov. Izv. vys. ucheb. zav., Isp. shar. no. 6:81-93 '65.
Shape of the fatigue curve for low-carbon steel. V. S. Ivanova, V. F. Terent'ev. Dokl. AN SSSR 166 no. 4:843-846 F '66.
Surface layer and contact fatigue limit of ShKh15 steel during rolling bearing processes. N. P. Panchenko. Metalloved. i term. obr. met. no. 3:22-24 Mr '66.

STEEL—FRACTURE

Energy response of the delayed failure process in hardened steel. M. Kh. Shorshorov, V. V. Balov. Izv. AN SSSR, Met. no. 1:165-171 Ja-F '66.

STEEL—HARDENING

Effect of the hardening temperature on the aging of steel with 0.05% C. I. U. P. Gul', V. M. Pasa'khil. Izv. vys. ucheb. zav.; Chern. met. no. 2:107-114 '66.
Hardening circular saw teeth for the hot cutting of metal. V. V. Tarnikov. Izv. vys. ucheb. zav., Chern. met. no. 3:168-170 '66.
Improving the properties of VNS2 steel weldments by rolling. M. M. Shtrikman, A. V. Petrov. Svar. prozv. no. 4:28-27 Ap '66.
Influence of repeated strain hardening on the cyclic resistance of low-carbon steel. V. S. Ivanova, V. F. Terent'ev. Metalloved. i term. obr. met. no. 3:18-18 Mr '66.
Influence of rolling on the mechanical and technological properties of cemented steel. G. M. Epshteyn. Metalloved. i term. obr. met. no. 3:6-10 Mr '66.
Influence of stress concentrators on the durability of steel after preliminary plastic deformation and aging. G. V. Zhemchuzhnikov and others. Avtom. svar. 19 no. 1:34-39 Ja '66.
Thermal hardening of low-carbon steel wire in the continuous process of rolling. E. S. Topynenets. Stal' 26 no. 2:184-186 F '66.

STEEL—HEAT TREATMENT

Heat treatment of heating surfaces in butt welded pipe assemblies by means of an electric panel type heating element. F. A. Khromchenko. Energ. stroi. no. 5, 31-34 '65.
Improved technology for the heat treatment of welded joints in pipes used in the petroleum industry. Z. G. Napetvaridze. Svar. prozv. no. 3:34-36 Mr '66.
Increasing dimensional stability of tools and parts by means of heat treatment. I. A. Geller, I. A. Busurina. Stan i inst. 37 no. 2:33-34 F '66.

STEEL—METALLOGRAPHY

Certain characteristics of the martensite transformation in steel of the austenitic-martensitic class. V. V. Usanov, V. S. Poshnikov, V. N. Bunimov. Izv. vys. ucheb. zav., Chern. met. no. 3:136-139 '66.
Comparative studies on dendritic segregation in steel cast by ordinary and continuous methods. I. I. Manojlin, N. M. Lapot'yakina, S. B. Maslennikov. Stal' 26 no. 2:128-130 F '66.
Determining the texture and size of the grain in stamped articles. V. V. Gavranek, L. R. Fedotova. Samoletost. i tekhn. vozd. flota no. 1:63-69 '65.
Effect of recrystallization on the stability of structural imperfections in deformed austenite. M. F. Blanter, V. I. Kuznetsov. Izv. vys. ucheb. zav., Chern. met. no. 3:127-131 '66.
Fine crystal structure of the surface layer on steel subjected to roll hardening. M. E. Blanter, M. G. Gananov, N. A. Gulyaeva. Metalloved. i term. obr. met. no. 3:13-15 Mr '66.
Grain size and correlation of NbC content and their influence on the properties of Kh15Ni5Mo3 steel. A. M. Parshin, I. E. Kolosov. Metalloved. i term. obr. met. no. 3:49-53 Mr '66.
Influence of metal structure on the resistance to abrasive wear. V. S. Popov, N. N. Brykov. Metalloved. i term. obr. met. no. 3:25-26 Mr '66.
Stability of the structure and properties of pipe in 12Kh1MF steel. V. F. Zheleko, L. I. Fedotova. Metalloved. i term. obr. met. no. 3:54-55 Mr '66.

STEEL—METALLURGY

Certain technological characteristics of steel smelting in 500 - 600-ton open-bearth furnaces. L. S. Gorokhov, V. A. Romanets, I. U. V. Iuzov. Izv. vys. ucheb. zav., Chern. met. no. 3:55-62 '66.
Effect of steel deoxidation methods of the service of rats in the track. N. I. Shirokov, A. V. Kolov. Izv. vys. ucheb. zav.; Chern. met. no. 2:48-50 '66.
Hydrogen and nitrogen saturation of steel during smelting in time and alumina slag. V. I. Zhalylin and others. Stal' 26 no. 3:235-236 Mr '66.
Process of steel decarburization and its criteria. E. V. Chelishchev. Izv. vys. ucheb. zav., Chern. met. no. 3:38-43 '66.
Simultaneous deoxidizing action of carbon and manganese. A. G. Frolov and others. Izv. vys. ucheb. zav.; Chern. met. no. 3:73-78 '66.
Standards of aluminum consumption for the deoxidation of carbon steel. V. P. Antonov, P. D. Kurochkin, V. F. Tretyakov. Lit. prozv. no. 2:6-10 F '66.

STEEL—PICKLING

Developing optimum parameters of solutions for the pickling of low-carbon steel strip in high-speed continuous lines. M. A. Beniakovskii, D. L. Grinberg. Stal' 26 no. 3:258-261 Mr '66.
Studying the pickling of low-carbon steel in HCl, H₂SO₄, and H₂PO₄. T. V. Malysheva, A. S. Afanas'ev. Zashch. met. no. 2:160-167 '66.

STEEL—SULFUR CONTENT

Sulfur into steel? E. Muslin. Izobr. i rats. no. 2, 7, 44 '66.

STEEL—TESTING

Dublin, N. P., and V. V. Trofimov. [Acceptance testing of ferrous metals] Primenka chernykh metallov. [Moskva] Metallurgiya, 1966, 270 p.
Effect of the composition on the cold brittleness of cast low-carbon steel. V. V. Lunov, I. U. A. Shul'te. Metalloved. i term. obr. met. no. 3:55-57 Mr '66.
Susceptibility to stress concentration of ShKh15 steel after varying heat treatments. V. I. Pobyrovskii, V. T. Troshchenko. Metalloved. i term. obr. met. no. 3:18-22 Mr '66.

STEEL—WELDING

Distribution of elements in the fusion zone during the welding of aluminum with steel. D. M. Rabkin and others. Avtom. svar. 19 no. 1:10-14 Ja '66.
Strength and plasticity of spot welds during biaxial extension. N. I. Demina and others. Svar. prozv. no. 3:17-18 Mr '66.
Weldability of hardened Sh.3ps steel. N. F. Legels, V. A. Savchenko, I. S. Sotnik. Svar. prozv. no. 4:1-4 Ap '66.

STEEL, AUTOMOBILE—METALLURGY

Experience in producing cold-rolled low-carbon 081U steel. A. G. Monid and others. Metallurg 11 no. 3:27-28 Mr '66.

STEEL, EFFECT OF RADIATION ON

Effect of neutron bombardment on the properties of high alloyed ferritic steels. Sh. Sh. Dragimov, I. M. Voronin, A. I. Ladygin. Atom. energy 20 no. 2:137-140 F '66.

STEEL, HEAT RESISTANT

Study of the impairment of KhKh18H9T steels and EI-437 alloy. V. S. Ivanova, N. A. Vorob'ev. Teploenergetika 12 no. 12:43-46 D '66.

STEEL, HEAT RESISTANT—METALLOGRAPHY

Technology of production, and properties of KhKh22 steel. V. S. Bushinin and others. Stal' 26 no. 2:174-175 F '66.

STEEL, STAINLESS

Helically welded stainless steel pipe. S. Nettermitedi. Stal' 26 no. 3:251 Mr '66.
Making pipe of OKh20N5T stainless steel. V. S. Rudal and others. Stal' 26 no. 3:248-250 Mr '66.

STEEL, STAINLESS—CORROSION

Connection between grain size and the susceptibility of austenitic corrosion-resistant steels to intercrystalline corrosion. V. I. Chigal. Zashch. met. no. 2:137-139 '66.
Electrochemistry of pitting corrosion. Part 1: Pitting in conditions of the self-dissolution of stainless steels. I. L. Rozenfel'd, I. S. Danilov. Zashch. met. no. 2:134-139 '66.

STEEL, STAINLESS—ELECTRIC PROPERTIES

Studying the accumulation of rhodium and copper on stainless steel surfaces in the active dissolution process. G. P. Chernova, L. N. Volkov, N. D. Tonianov. Zashch. met. no. 2:122-126 '66.

STEEL, STAINLESS—ELECTROMETALLURGY

Ways of reducing the consumption of carbon-free ferrite chromium in the smelting of stainless steel with the use of oxygen. E. I. Kadinov and others. Met. i koks-khim. no. 3:122-132 '65.

STEEL, STAINLESS—HEAT TREATMENT

Resistance of the martensite and martensite-ferrite class of steel to cavitation. V. V. Fomin, I. I. Kazan. Stal' 26 no. 2:171-173 F '66.

STEEL, STAINLESS—METALLOGRAPHY

Obtaining a regulated grain size in boiler pipes. A. Z. Gleiberg and others. Stal' 26 no. 2:168-170 F '66.
Phase constitution, structure and the mechanism of a cyanide layer formation on chromium stainless steel. N. V. Sumarokov, I. B. Makorova. Izv. vys. ucheb. zav., Chern. met. no. 3:153-156 '66.

STEEL, STAINLESS—METALLURGY

Alloying stainless steel with high-manganese scrap metals. V. I. A. Monastyrskii and others. Metallurg 11 no. 2:16-17 F '66.
Influence of microalloying with boron on the properties of Kh23N18 steel. M. P. Spidel'kovskii and others. Stal' 26 no. 3:253-257 Mr '66.

STEEL, STAINLESS—WELDING

Welding of aluminum alloys to stainless steel. I. G. Gur'ev. Avtom. svar. 19 no. 1:16-18 Ja '66.

STEEL, STRUCTURAL

Problem of using steel structural elements. Biol. stroi. tekhn. 28 no. 1:27 Ja '66.

STEEL, STRUCTURAL—CORROSION

Corrosion cracking of high-strength steel in acids. F. E. Azhugin, I. U. K. Pavlov. Zashch. met. no. 2:144-148 '66.
Effect of the character of the cathodic process on the corrosion cracking of high-strength steels. F. E. Azhugin. Zashch. met. no. 2:141-144 '66.

STEEL, STRUCTURAL—FATIGUE

Studying the scale factor in the calculation of rolling mill housings for fatigue strength. D. I. Shul'ov, I. D. Sokolov. Izv. vys. ucheb. zav.; Chern. met. no. 2:160-163 '66.

STEEL, STRUCTURAL—TESTING

Oxygen-blown converter process K-1002B steel with good weldability for building structures. N. L. Sandier and others. Izv. vys. ucheb. zav.; Chern. met. no. 2:51-55 '66.

STEEL, STRUCTURAL—WELDING

Semiautomatic welding of building structures with powder wire. Z. N. Burakovskii. Svar. prozv. no. 3:43-44 Mr '66.

STEEL ALLOYS

Influence of alloying elements on the electrolytic saturation of low-carbon steel with boron hydride. L. G. Voroshnin, L. S. Lakhovich. Metalloved. i term. obr. met. no. 3:85-87 Mr '66.

STEEL ALLOYS—HARDENING

Effect of various factors on the hardening of the KhN35VTiO(EI787) alloy. E. G. Nazarov. Metalloved. i term. obr. met. no. 3:46-48 Mr '66.

STEEL BARS—WELDING

Welding of hardened St. 6 and 35GS steel. A. S. Astaf'ev, E. P. Mantsev. Svar. prozv. no. 4:5-8 Ap '66.

STEEL CASTINGS

Flame cutting and ventilation in the production of G13L steel castings P F Parasiuk Lit protzv no. 2 43-44 F '66

STEEL CASTINGS—TESTING

Increasing the density and strength of low-alloy steel during crystallization under pressure P N Bldulla, V I Saramudin, S S Jakukov Izv. vyz. ucheb. zav., Chern. met. 9 no. 3 167-170 '66

STEEL FORGINGS—STANDARDS

Comparative evaluation of the 7062-54 state standard with analogous foreign standards S N Kobzeva, Kuz.-shlam, protzv. 9 no. 2 11-13 F '66

STEEL INDUSTRY

(See also subdivision under France; Great Britain, Kazakhstan, Moscow, Soviet Union, Taganrog)

Results and objectives M A Petusev, S M Filippov, Metallurg 11 no. 2 2 of cover F '66
Studying the sources of the history of ferrous metallurgy B I Lyechagin, Vop. arkh. 9 no. 1 15-48 O-N '64

Towards the 23d Congress of the Communist Party of the U.S.S.R. E Danilov, Metallurg 11 no. 1 1-2 M '66

STEEL INDUSTRY—COSTS

Cost of ball-bearing steel smelted in electric furnaces of various capacities V F Zelnitski, D G Zhukov, L A Kravtsova, Stal' 26 no. 2 176-177 F '66

Economical use of fuel in ferrous metallurgy E A Dzhaparidze, Stal' 26 no. 3 193-194 M '66

STEEL INDUSTRY—FINANCE

Tasks ahead for the scientific technological societies of ferrous metallurgy From the annual report to the 4th Convocation of the Scientific Technological Society of Ferrous Metallurgy M A Putsev Stal' 26 no. 2 97-100 F '66

STEEL INDUSTRY—MANAGEMENT

see subdivision under Moscow, Volgograd

STEEL INGOTS

Improving the quality of continuous ingots V S Rubea, B V Litkev, Stal' 26 no. 2 123-128 F '66
Improving the surface quality of L1654 steel ingots M S Vulfovich, I U I Zubanov, G P Kaganovskii, Metallurg 11 no. 2 18 F '66

Steel pouring under liquid slag obtained from the burning of an exothermic mixture V A Nosov and others, Stal' 26 no. 3 219-223 M '66

Studying the process of steel degasification during its casting in vacuum into ingots for large forgings B F Zverev and others Izv. vyz. ucheb. zav., Chern. met. 9 no. 3 64-66 '66

Use of tilting intensifiers during steel pouring G S Kolganov, Metallurg 11 no. 3 20-21 M '66

STEEL INGOTS—INCLUSIONS

Composition and distribution of nonmetallic inclusions in electric arc treated ShKh15 steel ingots G A Vachugov, G A Antipova Stal' 26 no. 2 133-135 F '66

STEEL INGOTS—WELDING

Analysis of the quality of welded joints in blanks for rolling I U G Kutsov, V Z Dolinskii, V G Cherednichok, Avtom. svar. 10 no. 1 30-33 Ja '66

STEEL PIPE

see Pipe, Steel

STELAZINE—PHYSIOLOGICAL EFFECT

Effect of stelazine on higher nervous activity A I Sikharulidze, Farm. i toke, 27 no. 6 656-658 N-D '64

STELLER'S SEA LION

see subdivision under Bering Sea

STEL'MAKI, MYKHAILO PANASOVYCH, 1912-

About truth and falsehood: "Truth and Falsehood" performed in the Pvg. Vokhtangov Theater, VI Plinenov, Teatr. 26 no. 7 51-54 JI '65

STERCORARIIDAE

see subdivision under Vontok Station region, Antarctica

STEREOCHEMISTRY

Determination of the configuration of stereoisomeric 1-methyl-4-alkylcyclohexanones by means of spectral methods G M Zhizhin and others, Neftekhimiya 6 no. 4 461-467 JI-Ag '65

3,6-Fundoxycyclohexanone and -cyclohexenone, Part 30: Stereochemistry of epoxidation of dimethyl ester of 7-oxabicyclo[2,2,1]-2,5-heptadiene-2,3-dicarboxylic acid N S Zefirov and others, Zhur. ob. khim. 38 no. 2 197-199 F '66

STERILITY IN ANIMALS

Importance of active excretion in the prophylaxis of sterility in cows in winter V S Shpilov, Veterinaria 42 no. 1 73-75 Ja '66

Paths of search I A Bakman, Ekon. i zhizn' 6 no. 1 90-92 Ja '66

Pregnant mare's serum in the control of sterility in cows J Khlukstis, D K Dashkevich, Veterinaria 42 no. 1 72-73 Ja '66

Prophylaxis of sterility in cattle V Shilov, Veterinaria 42 no. 1 77-79 Ja '66

STERILITY IN PLANTS

Characteristics of the development of male and female gametophytes in Jerusalem artichoke (Helianthus tuberosus L.), L K Dzhubenko, Uzb. bot. zhur. 22 no. 1 43-53 '65

Morphological and cytological characteristics of wheat forms with cytoplasmic male sterility M H Savchenko, I S Lantovych, Ukr. bot. zhur. 22 no. 1, 36-42 '65

STEROID HORMONES

Effect of steroid therapy during the acute period of trichinellosis and the convalescence Report No. 2 Effect of steroids on the clinical aspect and morphology of muscle lesions in trichinellosis N N Ozeretskovskaya and others, Med. paraz. i paraz. bol. 35 no. 2 104-171 M-Apr '68

STEROID HORMONES—THERAPEUTIC USE

Treatment of eczema with steroid hormones M I Krupko, Sov. med. 27 no. 5 118-120 M '64

STEROIDS

Determining the ketosteroids in the urine of bulls V D Dmitrev, Vest. sel'khoz. nauk 11 no. 3 111-118 M '66

Excretion of 17-ketosteroids and the content of mineral substances in the blood in experimental rickets L M Guseinova, Azerb. med. zhur. 43 no. 3 40-43 M '66
Excretion of 17-ketosteroids with the urine in chronic tonsillitis V Z Pushkin, Sbor. nauch. rab. vrachel Kar. ASSR no. 4 134-135 '62

STIBNITE

see subdivision under Donetsk Basin

STILLBIRTH

see subdivision under Karelia

STOCHASTIC PROCESSES

Approximate determination of the distribution of the time of initial level attainment B R Levin, I A Fomin, Radiotekhnika 21 no. 3 1-5 M '66

Differential equations in functional derivatives and stochastic equations for generalized random processes I U I Daletskii, Dokl. AN SSSR 166 no. 5 1035-1038 F '66

Errors of the digital integration of a stationary random process V V Bykov, V P Malachuk, Avtom. i telem. 2 263-60 '66

Limiting features of a method for the statistical treatment of the results of the measurements of a stationary random process V M Efimov, Avtometriya 10 no. 6 112-115 '65

Necessary and sufficient condition for the existence of a stochastic matrix with given characteristic numbers I B R Suleimanova, Trudy VZET no. 28 33-40 '65

Program for calculating a series of pseudorandom numbers A S Frolov, N N Chentsov, Trudy MINKHOP no. 58 85-88 '65

Random number converters G N Ivanov, I U N Kovalev, Trudy LAVT no. 59 44-50 '64

R refinement of a theorem of H Robbins S Kh Strazhdinov, G Orazov, Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 1 30-39 '66

Subprogram for receiving random numbers on the "Minsk-1" electronic digital computer R V Sentukov, Trudy MINKHOP no. 58 80-84 '65

STOCK AND STOCKBREEDING

(see also subdivision under Belgorod Province; Chuvashia; Grozny District; Norokhta District, Tashkent Province)

Alekseyev, A V [Fundamentals of animal husbandry] Osnovy zhivotnovodstva. Moskva, Vysshaya shkola, 1966. 142 p.

(DNAI)

Approval of the "Gonadostimulin" preparation Mias, Ind. SSSR 37 no. 1 55-58 '66

Important potentially for increasing the productivity of livestock breeding A A Gerasimova, Inform. blud. VDNKII no. 6 28-29 Je '64

Role of genetics in selection of farm animals N P Smirnov, Genetika no. 1 142-140 Ja '66

Solov'ev, M F [Specialized livestock farm] Spetsializirovannoe zhivotnovodcheskoe khoziaistvo. Moskva, Znanie, 1964. 39 p. (Narodnyi universitet; Sel'skokhoziaistvennyi fakul'tet, no. 12)

Velikh, A S [Theoretical bases of stockbreeding] Teoreticheskie osnovy ploimogo dela. Moskva, Kolos, 1964. 430 p.

(DNAI)

STOCK AND STOCKBREEDING—MANAGEMENT

see subdivision under Sudogda District

STOCK AND STOCKBREEDING—MATHEMATICAL MODELS

Studying the technology of fixed agricultural processes for the purpose of their optimization K E Rostomian, A I Kovalenko, Vest. sel'khoz. nauk 11 no. 3 98-102 M '66

STOCKHOLM—NEWSPAPERS

Disappearance of "Stockholms-tidningen." V Vavilov, Sov. poch. no. 3 59-60 '66

STOMACH

Temperature of the stomach in dogs under conditions of rest and absence of alimentary stimulations N I Vakoluk, Fiziol. zhur. [Ukr.] 12 no. 1 50-55 Ja-F '66

STOMACH—CANCER

Combined operations for stomach cancer T A Slepak, Vop. onk. 12 no. 3 72-75 '66

Combined resections of the stomach and pancreas in gastric cancer A I Kozhevnikov, S S Nesterov, Khirurgia 42 no. 3 3-8 M '66

Desirability of repeated control laparotomies following a stomach resection for cancer V I Samokhvalov, Vop. onk. 12 no. 3 75-78 '66

Diagnosis of hemorrhagic cancer of the stomach D F Blagovidov, Khirurgia 42 no. 3 24-27 M '66

Gastroectomy with direct esophagoduodenal-anastomosis in cancer of the stomach V S Karpunchev, Khirurgia 42 no. 3 135-137 M '66

Immediate and late results of treating stomach cancer V Y Dvornik, Sbor. nauch. rab. vrachel Kar. ASSR no. 4 90-100 '62

Intestinal function at late dates following the resection of stomach for cancer A G Nadzhimov, I I Abanov, Sov. med. 29 no. 2 38-43 F '66

Materials on the history of stomach cancer research in Russia N F Kramchannikov, F V Popova, Vop. onk. 12 no. 2 112-114 '66

Practical importance of the Quick-Pyol test in stomach cancer E A Tsel', Vop. onk. 12 no. 3 28-32 '66

Repeated operations in recurrences of stomach cancer S I Babichov, I I Shafir, Khirurgia 42 no. 3 17-20 M '66

Resection of the stomach for cancer in case of complete reverse disposition of the internal organs A P Popov, Khirurgia 42 no. 3 137-138 M '66

Signs of the atypism of stomach cancer cells in a cytological examination I A Shevchenko, Vop. onk. 12 no. 2, 86-88 '66

Surgical treatment of cancer of a resected stomach V I Litvinov, Sov. med. 29 no. 1 108-111 Ja '66

X-ray therapy in gastric cancer through a lead raster I U I Karlov, Med. rad. 11 no. 2 15-19 F '66

STOMACH—DISEASES

Muscular hypertrophy in the pyloric region of the stomach in adults V S Bykov, Khirurgia 42 no. 3 36-37 M '66

Problems of gastroduodenal pathology from the viewpoint of the practical doctor A M Solvianov, Voen.-med. zhur. no. 2 34-36 F '66

STOMACH—EXPLORATION

Modification of a tubeless method of the examination of gastric contents using quinine-impregnated ion-exchange resins S B Korotavtsev and others, Sov. med. 27 no. 5 66-69 M '64

STOMACH—RADIOGRAPHY

Deformation of the gastric stump simulating a tumor in the X-ray picture M I A Pekerman, Vop. onk. 12 no. 3 24-28 '66

Importance of radiography in the examination of an operated stomach L S Rozenshteyn, N U Shniger, N M Pushkareva, Khirurgia 42 no. 3 21-24 M '66

STOMACH—SECRECTIONS

Interrelation between the excretory and secretory functions of the stomach in epidemic hepatitis E I A Kurikova, Trudy Kish. gos. med. inst. 14 111-115 '61

Usenski, I U N [Secretory functions of the stomach in ontogeny and its change under normal and pathological conditions] Sekretornaya funktsiya zhehodka v ontogeneze i ee izmeneniya v norme i patologii. Moskva, Meditsina, 1966. 170 p.

(DNAI)

STOMACH—SURGERY

Anesthesia in stomach operations M A Danilin, Khirurgia 42 no. 3 110-114 M '66

Combined operations for stomach cancer T A Slepak, Vop. onk. 12 no. 3 72-75 '66

Combined resections of the stomach and pancreas in gastric cancer A I Kozhevnikov, S S Nesterov, Khirurgia 42 no. 3 3-8 M '66

Deformation of the gastric stump simulating a tumor in the X-ray picture M I A Pekerman, Vop. onk. 12 no. 3 24-28 '66

Early disorders of the motor and evacuational function of the gastric stump following resection, review of the literature and analysis of cases of the 8th Moscow Municipal Hospital during 1954-1958 K K Gol'dgammor, I N Kalganova, Klin. khir. no. 4 60-65 '65

Evaluation of stomach resection for peptic ulcers using the Billroth II method modified by Balour M Raudnep, V S Silvestrov, Khirurgia 42 no. 3 110-122 M '66

STOMACH—SURGERY (Continued)

Gastroctomy with direct esophagojejunal-anastomosis in cancer of the stomach. V.S. Kaspunchev, Khirurgia 42 no. 3:135-137 Mr '66.

Importance of parietography in the examination of an operated stomach. L.S. Rozenshtaukh, N.U. Sniger, N.M. Pushkarskiy, Khirurgia 42 no. 3:21-24 Mr '66.

Inclusion of the duodenum after gastrectomy. B.P. Ladinov, Khirurgia 42 no. 3:133-135 Mr '66.

Intestinal function at late dates following the resection of stomach for cancer. A.G. Nadzharov, I.T. Abasov, Sov. med. 29 no. 2:38-43 F '66.

Prevention and treatment of evacuation disorders following resection of the stomach for peptic ulcer. I.U. V. Baltas, Klin. khir. no. 4:65-67 '66.

Repeated operations in recurrences of stomach cancer. S.I. Babichev, I.I. Shafir, Khirurgia 42 no. 3:17-20 Mr '66.

Resection of the stomach for cancer in case of complete reverse disposition of the internal organs. A.P. Popov, Khirurgia 42 no. 3:137-138 Mr '66.

Roenicological aspect of late results of gastrectomy and subtotal resection of the stomach substituted by an isolated jejunal segment. P.N. Petrov, I.M. Ostrovskaya, Khirurgia 42 no. 3:115-118 Mr '66.

Some data on the state of metabolism following regular gastrectomy and gastroplasty using the large intestine. G.A. Kataeva, Khirurgia 42 no. 3:123-128 Mr '66.

Study of the evacuating motor function of the digestive tract following the resection of the stomach substituted by a segment of the large intestine. D.V. Pomozov, S.G. Iartsev, Khirurgia 42 no. 3:129-131 Mr '66.

Surgical treatment of cancer of a resected stomach. V.I. Litvinov, Sov. med. 29 no. 1:108-111 Ja '66.

STOMACH—TUMORS

Clinical and morphological comparisons in stomach polyps. N.M. Smirnov, T.V. Shermakina, Vop. onk. 12 no. 2:3-7 '66.

Deformation of the gastric stump simulating a tumor in the X-ray picture. M.I.A. Pekerman, Vop. onk. 12 no. 3:24-28 '66.

Experimental micropolyps of the stomach. N.I. Vol'fon, R.M. Sokolovskiy, S.S. Iartsev, Vop. onk. 12 no. 2:60-65 '66.

Stomach neurinomas. V.V. Dvalin, Sbor. nauch. rab. vrachei Kar. ASSR no. 4:100-102 '62.

STONE, EDWARD DURELL

Edward Durell Stone, Sov. arkh. no. 17:119-131 '65.

STONE

Lowering the cost of natural stone for finishing. A.M. Orlov, A.E. Miasnikov, Stroi. mat. 12 no. 3:38-39 Mr '66.

STONE, CAST

Amphibolites of Cherkassy Province in the Ukrainian S.S.R. as stone casting raw material. V.P. Korablin, E.A. Nikulina, B.Kh. Khan, Geol. zhur. 25 no. 6:82-87 '65.

Properties of cast stone products from tailings of iron ore dressing. V.A. Chechulin, I.U. G. Kovalev, A.I. Novikov, Stok. i ker. 23 no. 3:20-23 Mr '66.

Thermal and physical processes of formation of cast silicate crystalline materials. I.I. Bykov, B.Kh. Khan, Izv. AN SSSR, Neorg. mat. 2 no. 2:384-388 F '66.

STONE, CRUSHED

Savings and cost of crushed stone. E.V. Aiberti, Stroi. mat. 12 no. 3:9-10 Mr '66.

STORAGE BATTERIES

Effect of the conditions of preparation of an active mass of positive electrode of a nonlamellar accumulator on its initial electric properties. L.N. Sagoten, Izv. AN Arm. SSR, Khim. nauki 17 no. 5:473-476 '64.

Operation of storage batteries under conditions of permanent recharging. E.F. Slavkina, Elektr. i tepl. ilaga 9 no. 12:12 D '65.

STOVAS, MYKHAILO VOLODYMYROVYCH, d. 1965
Mykhailo Volodymyrovych Stovas; obituary. Geol. zhur. 25 no. 6:110 '65.

STOVES, GAS

Using the theory of probability for determining the gas consumption in hot-water supply systems. B.M. Krasovskiy, Gaz. prom. 11 no. 2:34-36 '66.

STRABISMUS

Response of the visual field to white color and colors in concomitant strabismus before and following administration of adrenalin. T.A. Safarova, Azerb. med. zhur. 43 no. 3:77-81 Mr '66.

Treatment of amblyopia in concomitant strabismus. Sh.M. Kadyanova, Azerb. med. zhur. 43 no. 3:73-76 Mr '66.

STRAIN GAUGES

Deformation measuring and recording device with 24 measuring points. N.V. Lebedev, V.M. Fainbim, Priboirostroenie no. 3:20-22 Mr '66.

STRAINS AND STRESSES

Concentration of stresses in a circular cylindrical shell weakened by a circular notch. A.K. Privarnikov, V.N. Chekhinov, Gidraeromekhanika no. 2:88-93 '65.

Converter of a single-phase stress into a three-phase one for depth gauges. M.B. Letman, I.U. V. Chepur, Izv. vuz. ucheb. zav., no. 1:91-94 '66.

Critical number of stress application cycles and the critical stress. V.S. Ivanov, V.F. Terentev, Izv. vuz. ucheb. zav., Chern. met. 9 no. 3:149-152 '66.

Dynamics of bulk freight and calculation of stresses in the wall elements of cars caused by dilatation. V.I. Nannov, Trudy TSNII MPS no. 307:161-177 '65.

Effect of a vertical crack in the rock base on the stressed state of a massive dam. N.S. Rozanov, R.G. Konstantinov, Gidr. stroi. 36 no. 2:35-37 F '66.

Elastic deformation of backup rolls with a nonuniform setting of the bandage. P.I. Polukhin, V.I. Skorupskiy, Iu. D. Zhelezov, Izv. vuz. ucheb. zav., Chern. met. 9 no. 3:88-101 '66.

Experimental determination of explosion loads on underground engineering structures in soft soils. L.I. Koshelev, N.N. Popov, P.I. Iartsev, Fiz. gor. i vryva no. 4:71-77 '65.

Experimental investigation of contact stresses during the hot rolling chromium steel. I.A. Tarnovskiy, A.N. Levnikov, M.I. Pokrovskiy, Izv. vuz. ucheb. zav., Chern. met. 9 no. 3:107-110 '66.

Grating effect in case of a plane-strained state. G.A. Sagitov, Samoletostroi. i tekhn. vozd. flota no. 3:72-76 '66.

Hardening and recovery of nickel alloys with aluminum oxide. V.A. Borok and others, Metalloved. i term. obr. met. no. 3:29-32 Mr '66.

Influence of stress concentrators on the durability of steel after preliminary plastic deformation and aging. G.V. Zhemchuzhnikov and others, Avtom. svar. 19 no. 1:34-39 Ja '66.

Internal stress fields in deformed ferroelectric crystals. V.F. Novikov, D.D. Mishin, Izv. vuz. ucheb. zav., fiz. 9 no. 1:191-192 '66.

Internal stresses in deposits of a solid iron-nickel alloy. I.E. Kitushkin, A.M. Shirshov, Elektrokhimia 2 no. 2:155-159 F '66.

Investigating stress concentration in teeth of flexible wheels of a wavy transmission. O.M. Osipova, Izv. vuz. ucheb. zav. mashinostr. no. 11:40-54 '65.

Investigating the stressed state of the plating during the riveting of panels. I.U. G. Forsa, Samoletostroi. i tekhn. vozd. flota no. 4:66-75 '66.

Measuring the stresses in the elements of the moving mechanism of a high-pressure piston compressor. L.I. Mamon and others, Khim. i no. mashinostr. no. 1:42-44 Ja '66.

Method of determining maximum shearing stress. S.S. Zhukovskiy, A.M. Gutkin, Koll. zhur. 28 no. 1:151-152 Ja-F '66.

Method of determining the dynamic strength of bonds between rubbers under conditions of asymmetric alternating shifting. A.I. Lukomskaya, L.T. Kallnova, Kauch. i rez. 25 no. 3:27-30 '66.

Observed the regulations on the relieving of stresses. A.S. Kucher, Puti put. khoz. 10 no. 2:21 '66.

Pressure distribution between the pivot and bushing in case of small gap. E.M. Gutlar, Dokl. MIISF 1 no. 5: 89-96 '64.

Relationship between stresses and deformations in laminated media. L.P. Khoroshun, Prikl. mekh. 2 no. 2: 14-19 '66.

Stress concentration around a circular cavity in a non-linearly deformed material. G.S. Tatarsky, Prikl. mekh. 2 no. 3:130-133 '66.

Stress distribution in fiber reinforced plastics under tension. T.V. Ilovaya, Vest. Mosk. un. Ser. 1; Mat. i mekh. 21 no. 2:406-411 Mr '66.

Stress relaxation of polyethylene terephthalate in the vitreous state. L. Z. Rogovina, G.L. Slonimskiy, Vyssh. kom. soed. 8 no. 2:219-225 F '66.

Stressed and strained state caused by a two-dimensional sagging. G.I. Kaplanov, Samoletostroi. i tekhn. vozd. flota no. 2:82-89 '66.

Stressed state near holes in plates made from polycrystalline materials. I.A. Galin, G.P. Chepuranov, Dokl. AN SSSR 167 no. 1:55-59 Mr '66.

Studying dynamic loads in a line of working stands of a continuous mill taking into account the rigidity of transmission elements and the elastic coupling between stands. F.K. Ivanchenko, Izv. vuz. ucheb. zav.; Chern. met. 9 no. 2:164-173 '66.

Studying the loads acting on the working parts and stresses in the components of the PFSH-1, 6 pickup baler. I.M. Zolotarev, Trudy VSKHIOIMA no. 15: 20-23 '64.

Susceptibility to stress concentration of ShKh15 steel after varying heat treatment. V.I. Pobirovskiy, V.T. Troshchenko, Metalloved. i term. obr. met. no. 3:16-22 Mr '66.

Theory of relaxation and creep of distorted metal crystals. V.V. Skokhod, Porosh. met. 0 no. 3:54-58 Mr '66.

Thermoclastic stresses in multilayered slabs and layers. I.U. A. Shevliakov, G.A. Fen', Gidraeromekhanika no. 2:75-83 '65.

Using the method of isoclines in determining the location of points with extreme stresses on a free contour. V.S. Buldakov, A.V. Chubukin, V.P. Ukarov, Izv. vuz. ucheb. zav., mashinostr. no. 1:58-62 '66.

STRAINS AND STRESSES—MEASUREMENT

Present state of the radiopolarization method for studying stresses. V.N. Rudakov, A.I. Lebedev, Izv. vuz. ucheb. zav.; fiz. 9 no. 1:63-67 '66.

STRANGE PARTICLES

Baldin, A.M. [Electromagnetic interactions in the quark model] Ob elektr. i magnitnykh vzaimodeystviyakh v modeli kvarkov. Dubna, Ob'edinennyi in-t iadernykh issl., 1966. 6 p.

Form factors in nonleptonic decay and in resonances of W-boson production. L. Okun', Izd. fiz. 3 no. 3:590-591 Mr '66.

Matveev, V.A., B.V. Struminskii, and A.N. Tsykhel'dre. [Some effects in the quark model] Nekotoryye efekty v modeli kvarkov. Dubna, Ob'edinennyi in-t iadernykh issl., 1965. 10 p.

Static characteristics of strange particle interaction in disturbed SU(6)-symmetry. L.V. Gedaia and others, Izd. fiz. 3 no. 3:533-540 Mr '66.

Structure of the vertex parts in SU(6) and U(12) symmetries. Nguyen Van Hieu, Pham Quy Tu, Izd. fiz. 3 no. 3:531-539 Mr '66.

STRATEGY

Present-day military strategy. V. Sokolovskiy, M. Cherednichenko, Komm. Vooruzh. Sil 47 no. 7:60-66 Ap '66.

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRATIGRAPHIC PALEOBOTANY see Paleobotany, Stratigraphic

STRAUSS, FRANZ JOSEF, 1916-

Revancheist "Stausgana," or escalation of atomic blackmail. A. Bykhovskiy, I. Fedorov, Mashin. zhizn' 13 no. 4:110-116 '66.

Strauss has made ready for the campaign... D. Umanek, Sov. voyn. 47 no. 10:42 O '66.

STRAW

Elimination of nitrogen deficiency in soil by using straw as an organic fertilizer. E.N. Mikhustin, N.S. Erofeev, Mikrobiologiya 34 no. 6:1050-1062 N-D '65.

Nature of toxic compounds in straw decomposing in soil. E.N. Mikhustin, N.S. Erofeev, Mikrobiologiya 35 no. 1:150-154 Ja-F '66.

STRAWBERRIES

Triplody effect in the early stages of ontogeny in Fragaria vesca L. N.M. Ivakova, Genetika no. 2, 115-122 '66.

STRAWBERRIES—GENETIC RESEARCH

Problems of comparative genetics of plants. Report No. 1. Principles of the genome analysis as exemplified by the genus Fragaria. T.S. Fedoseeva, Genetika no. 1: 12-28 Ja '66.

STREAM MEASUREMENTS

(see also subdivision under Central Chernozem region)

Calculation of slanting streams at river discharge sites. N.A. Davtian, Trudy GGI no. 120:88-112 '66.

STREAM MEASUREMENTS (Continued)

Calculation of the spillway discharge capacity of large hydroelectric power stations in relation to an account of the flow on them. V. L. Vinogradov. Trudy GGI no. 120: 113-125 '65.

Integration method of determining discharge with a current meter at a hydrometric distance installation. V. F. El'makov. Trudy GGI no. 120:126-140 '65.

Problems of the hydraulics of floodplain channels in relation to the tasks of constructing and evaporating cuives of water discharges. D. L. Skokodumov. Trudy GGI no. 120:3-87 '65.

Seminars on the methodology of hydrometric evaluation of base flow to the rivers. R. S. Potayov. Lv Vses. geog. ob-va 98 no. 1:93-95 Ja-F '66.

Some problems relative to the photogrammetric determination of the altitudes of stream gradients. L. A. Kashim. Geod. izv. no. 2:30-44 F '66.

STREAM MEASUREMENTS—EQUIPMENT AND SUPPLIES

Complex of equipment for performing gauging work at a cable crossing for boats. G. M. Rimmar. Trudy GGI no. 128:145-154 '65.

STREET LIGHTING see subdivision under Leningrad

STREET RAILWAYS—CURRENT SUPPLY

Automatic control of a silicon rectifier unit in streetcar and trolleybus traction substations. B. S. Finkel'shteyn, V. V. Karataev. Nauch. trudy AKKI no. 34:18-27 '65.

Experimental industrial rectifying unit with silicon rectifiers for the power supply of subways. L. L. Balyberdin and others. Izv. NIIP no. 11:327-336 '65.

STREET RAILWAYS—WIRES AND WIRING

Lighting protection of the traction substations of overhang trolleybus lines. A. L. Vainov, S. M. Feitlik, V. N. Floru. Izv. vys. ucheb. ziv., energ. 9 no. 3:13-19 M '66.

STREETS—SNOW PROTECTION AND REMOVAL

Mechanized ice removal from sidewalks. A. N. Zakharov and others. Mekh. i avtom. prozv. 20 no. 2:30-31 F '66.

STREKALOVSKII, MAKSIM

Maps and charts in S. U. Romezov's atlases made by the Tyumen' cartographer Maksim Strekalovskii. L. A. Gol'denberg. Izv. Vses. geog. ob-va 98 no. 1:70-72 Ja-F '66.

STRELETSKOYE STEPPE PRESERVE—PERENNIALS

Characteristics of the reproductive buds of geophytes in the Strel'skoye Steppe Preserve. M. I. Padelevskaya. Bot. zhur. 51 no. 1:100-104 Ja '66.

STRENGTH OF MATERIALS

Calculation of the elastic and strength characteristics of anisotropic metals. I. A. B. Fridman, P. G. Mikhaev. Dokl. AN SSSR 187 no. 1:80-83 Mr '66.

Effect of the rate of loading on the mechanical properties of various solids. I. A. N. Shvetsov. Trudy LITTSBP no. 17:238-243 '65.

Effect of the rate of the increase in stresses on the manifestation of the scale factor in the static testing of materials. I. A. N. Shvetsov. Trudy LITTSBP no. 17:244-255 '65.

Full-scale testing for fatigue strength of large structures on resonance vibratory benches. I. V. Baranov. Trudy NIIT no. 214:27-62 '65.

Methodology of determining the stresses in glasses by means of the petrographic method. O. F. Iarmak, N. V. Bykovich. Leh. prom. no. 1:18-20 Ja-F '66.

Relation between the strength and conditions of preparation of Cu and Al vacuum condensates. L. S. Palatnik and others. Izv. vys. ucheb. zav., fiz. 8 no. 1:122-128 '66.

Stability of a hinge-supported rectangular plate under a localized load. M. O. Peklov. Dop. AN URSS no. 1:58-63 '66.

STRENGTH OF MATERIALS—CONGRESSES

Second conference on modern strength calculations: Budapest, October 5-10, 1965. I. V. Kurdiavisey, V. S. Ivanova. Metalloved. i term. obr. metal. no. 3:74-78 Mr '66.

STREPTOCOCCUS

Effect of chloramphenicol on the transformation of the resistance to streptomycin in streptococci. A. N. Klimov, I. M. Tereshin, O. A. Malluga. Antibiotiki 11 no. 3:222-227 Mr '66.

STREPTOMYCES—CULTURES AND CULTURE MEDIA

Effect of various factors on the stability of proteolytic enzyme complex of Streptomyces griseus in a culture fluid. E. D. Kaverzova, I. A. Rassulim, Prikl. biokhim. i mikrobiol. 2 no. 1:51-57 Ja-F '66.

STREPTOMYCIN

Combined action of X rays and streptomycin on the mutability of *Chlorella*. V. V. Tugarinov, V. V. Kuznetsov. Genetika no. 2:87-93 '66.

Effect of chloramphenicol on the transformation of the resistance to streptomycin in streptococci. A. N. Klimov, I. M. Tereshin, O. A. Malluga. Antibiotiki 11 no. 3:222-227 Mr '66.

Effect of hydroaromatic compounds on the streptomycin production by *Actinomyces streptomycini* LS-1. L. A. Galanina, P. A. Agatov. Mikrobiologiya 35 no. 1:60-63 Ja-F '66.

Intermittent method for the treatment of experimental tuberculosis with streptomycin only and streptomycin combined with methanide. O. O. Matveeva, G. N. Peishin. Probl. tub. no. 5:71-78 '65.

STRESS (PHYSIOLOGY)

Electroencephalographic studies on man at rest and in the restorative period after working. L. A. Isaskian, R. P. Olshanskaya, G. A. Trubitsyna. Biol. eksp. biol. med. 61 no. 1:17-20 Ja '66.

STRIKES AND LOCKOUTS

Strike in the heat exchanger. Vses. prof. dvizh. no. 2:10-21 Mr '66.

STRIP MINING

Economic efficiency of combining building and exploitation of Kuznetsk Basin open-pit coal mines. E. F. Chernoukhin, P. I. Potemkin, V. P. Bogatyrev. Ugol' 41 no. 2:51-53 F '66.

Establishing the areas of use for the various systems of boring blast holes in strip mines. V. V. Taritsyn, A. G. Smirnov, I. I. Parafonov. Izv. vys. ucheb. zav., goi. zhur. 5 no. 1:61-67 '62.

Improving the mining technology at the "Bogdanovskii" open-pit mine. G. L. Sereda and others. Goi. zhur. no. 3:19-22 M '66.

STRIP MINING—COSTS

Selecting the parameters of blasting and boring operations in a mining system without approximation, using walking excavators. N. A. Hopin, M. I. Potapov, G. T. Gavrilov. Ugol' 11 no. 3:21-23 M '66.

STRIP MINING—EQUIPMENT AND SUPPLIES

(see also subdivision under Krasnoyarsk Territory)
Improving the system of stripping operations without haulage. V. Kh. Chetvorzh, I. G. Gumenik, N. P. Sharypov. Goi. zhur. no. 3:70-72 M '66.

STRIP MINING—TERMINOLOGY

For a uniform terminology in using rotary bucket excavators in mining. K. E. Vinitskii and others. Goi. zhur. no. 3:22-25 M '66.

STRIP RUST

New data on the wintering and development cycle of the stripe rust *Puccinia glumarum* of cereals in Armenia. M. A. Mikhailian. Sborn. nauch. i trad. Nauch. i obsl. inst. zom. no. 2:132-139 '61.

STROBOSCOPY

Stroboscopic indicator of the power of electric motors. A. Abianov, V. Kaplanko. Tekh. v sel'khoz. 28 no. 3:30-38 Mr '66.

STRONGYLOIDI ASIS

(see also subdivision under Moldavia)
Effectiveness of phenothiazine-salt pellets and loose mixtures against strongyloidiasis in sheep. K. D. Mukhametdin and others. Veterinarin 42 no. 1:47-10 Ja '66.

STRONTIUM

(see also subdivision under Moscow Basin)

Determining strontium in the waters of oil and gas fields by the method of flame photometry. G. P. Aleksandrov, S. Kh. Sheremetov, E. I. Zakharenko. Geol. i geokhim. neft. i gaz. mestorozh. no. 3:140-144 '65.

STRONTIUM—TOXICOLOGY

Toxicity of strontium for warm-blooded. Shadrov. Farm. i toks. 29 no. 1:104

STRONTIUM ISOTOPES

Effect of circulation regimen on the de from radiostrontium. B. M. Agafonov. Trudy Inst. biol. UFAN SSSR no. 45:6

Possibilities of the interpretation of the tion of strontium in rocks as a criterion process and its durability. I. U. A. A. Iaroshenskii. Geokhimika no. 6

Study of the vertical water exchange in data on the distribution of strontium-Ozmidov, N. I. Popov. Izv. AN SSSR. 2 no. 2:183-180 F '66.

STRONTIUM ISOTOPES—EFFECT ON Plants, Effect of strontium isotopes

STRONTIUM ISOTOPES—PHYSIOLOGY

Absorption of some calcium compounds intestinal tract and their effect on the diostromium in rats. Z. V. Dubrovina 6 no. 1:78-80 '66.

Transmission of radiostrontium by fox children. V. G. Kulikova, N. V. Tshno. Trudy Inst. biol. UFAN SSSR no. 46:1

STROPIANTHIN

Partial synthesis of k-strophanthin-6. V. I. Chernobai. Khim. prirod. vesh. no. 3:162-168 '65.

STRUCTURAL DESIGN

Application of P. F. Papkovitch functions to the design of continuous plates. O. A. Zhuravskaya. Trudy Ural. elektromekh. inst. inzh. zhel. dor. i transp. no. 10:82-101 '65.

[Calculations for strength, rigidity, stability and vibration] Raschet na prochnost', zhestkost', ustoychivost' i kolebaniya. Moskva, Mashinostroyeniye, 1965. 160 p.

Comparing the Kani method with the method of distributing unbalanced moments. R. I. Pogorelov. Trudy Ural. elektromekh. inst. inzh. zhel. dor. i transp. no. 10:80-81 '65.

Decisions of the All-Union Conference on the use of Statistical Methods and of the Methods of the Theory of Reliability in Structural Mechanics. Stoi. mekh. i tash. 400r. 8 no. 1:3 of cover '66.

Design of structural frames allowing for joint rigidity. S. A. Dobrodov, G. I. Keka, V. P. Sukhanov. Trudy Ural. elektromekh. inst. inzh. zhel. dor. i transp. no. 10:31-33 '65.

Effect of technological deviations or dimensions on the strength and rigidity of structures. L. D. Arsen. Samolotost. i tekhn. voprosy no. 3:77-83 '65.

Institut "Teoriya i projektirovaniye" [Problems in designing] Voprosy projektirovaniya. Perm', Pormskoe knizhnoe izd-vo, 1963. 48 p.

[MICROFILM]

Some problems of structural mechanics. A. V. Gennur-ing. Stoi. mekh. i tash. 400r. 8 no. 1:1-4 '66.

Static and dynamic stability of combination systems. V. I. Klimanov. Trudy Ural. elektromekh. inst. inzh. zhel. dor. i transp. no. 10:56-60 '65.

Thermodynamic effect in calculating bars for stability. I. E. Surikova. Trudy Ural. elektromekh. inst. inzh. zhel. dor. i transp. no. 10:113-120 '65.

STRUCTURAL FRAMES

Design and calculation of statically undeformable shallow frames with rectilinear stepped elements. S. E. Shavolov. Trudy LITTSBP no. 17:219-237 '65.

Estimating the value of the dynamic coefficient in railroad bridge frame-work. P. E. Surikova. Trudy Ural. elektromekh. inst. inzh. zhel. dor. i transp. no. 10:105-112 '65.

Stability of composite bar systems. S. A. Rogitskii. Trudy Ural. elektromekh. inst. inzh. zhel. dor. i transp. no. 10:10-15 '65.

Stability of multistair frames. V. P. Romanov. Stoi. mekh. i tash. 400r. 8 no. 1:45-17 '66.

Troilekhl. P. N. [Industrial structures] Promyshlennyye stroyeniya. Moskva, Stroiizdat, 1965. 180 p.

STRUCTURAL FRAMES—VIBRATION

Determining the form and the frequency of natural vibrations of multistory frames. S. A. Dobrodov. Trudy Ural. elektromekh. inst. inzh. zhel. dor. i transp. no. 10:20-32 '65.

STRUCTURAL FRAMES—WELDING

Baranov, M. S. [Technology of the production of welded structures] Tekhnologiya proizvodstva svariyykh konstruktov. Moskva, Mashinostroyeniye, 1966. 332 p.

STRUCTURAL GEOLOGY see Geology, Structural

STRUCTURAL STEEL see Steel, Structural

STRUTS (ENGINEERING)

Stability of a prestressed strut. M. A. Vil'ga. Prikl. mekh. 2 no. 3:133-137 '66.

STUDENT EMPLOYMENT

"Gross cost" without personal responsibility. . .
S. Mironov, Prof., Iekb, obz. 23 no 3, 11 Mr '66.

STUDENT-TEACHER RELATIONSHIPS see Teacher-student relationships

STURGEON BREEDING

Sturgeon plants reared from male and female. I. P. Chistiakova, Ryb. khoz. 42 no 2-19-20 '66.

STURGEONS see subdivision under Caspian Sea

SWUTHOFF (CONCENTRATION CAMP)

Holidays in Krynica Morshka. Leon Swulczynski, Nov. vrcm. 23 no 17 25-27 Ap '66.

STYRENE POLYMERS

Effect of polystyrene latex of different sodium oleate content on coagulation situated in titanium dioxide suspensions. N. A. Shabanova, E. M. Aleksandrova. Koll. zhur. 28 no 119-111 Ja-F '66.

Structure and composition of the products of interaction of styrene with formaldehyde obtained under various conditions. G. K. Imangazieva and others. Izv. AN Kazakh SSR, Ser. khim. nauk 14 no 3:82-86 Ji-S '64.

Studying the degradation by heat of impact-resistant polystyrene. N. V. Galenko, V. D. Dremil, A. P. Andreev. Plast. massy no. 3 15-17 '66.

SUBLIMATION

Separation of selenium from mercury in sublimate. M. I. Erdenbaeva, Z. M. Uesheva, Izv. AN Kazakh SSR, Ser. khim. nauk 14 no 3:46-48 Ji-S '64.

SUBLIMATION (PHYSICAL SCIENCE)

Rate of beryllium vaporization during the dissociation of cesium beryllide. V. M. Amosov and others. Izv. AN SSSR, Met. no. 1:190-192 Ja-F '66.

Vapor pressure of the rare-earth metals scandium and yttrium. A. A. Kruglykh, V. S. Pavlov. Izv. AN SSSR, Met. no. 1:178-189 Ja-F '66.

SUBMARINE BOATS

(see also subdivision under United States)

Everybody knows the glorious exploits of submarines. D. Khtynin. Komu Vooruzh. Sili 47 no 7 16-18 Ap '66.

Mostacev, V. M. [By the perpetual ice] U vechnykh ledov. Moskva, Voenizdat, 1966. 189 p.

People of a restless constitution. N. Radchenko. Sov. voen. 48 no 7 6-7 Ap '66.

Submarines in besieged Port Arthur. I. A. Bykhovskii, D. I. Volnolovich. Sudoshoenie 56 no 1:87-91 Ja '66.

SUBMARINE GEOLOGY

(see also subdivision under Black Sea)

New method of seismic prospecting in shallow areas of the sea. A. V. Kalinin, V. V. Katinin, M. Kh. Fataliev. Vest. Mosk. un. Ser. 1: Geol. 21 no 1 92-95 Ja-P '66.

SUBMARINE TOPOGRAPHY see subdivision under Atlantic Ocean; Mediterranean Sea; Pacific Ocean

SUBMARINE WARFARE

Torpedoes go to target. N. Zhichko. Sov. voen. 47 no 24:28 D '65.

SUBMARINE WARFARE—STUDY AND TEACHING

Workday of a submarine missile carrier. A. A. Stigachev. Mor. sbor. 49 no 4:33-40 Ap '66.

SUBSIDENCES (EARTH MOVEMENTS)

Design of elements of large-panel buildings for the effect of horizontal deformations of the earth surface during underground mining. B. A. Kostayn, B. P. Volkov, Shakhstrol. 10 no 3:10-14 Mr '66.

Results in mining the Kizel Basin seams subject to rock bumps. V. A. Litvin. Ugol' 41 no 2:83-87 F '66.

SUBSTITUTION (CHEMISTRY)

Aromatic nucleophilic substitution. Part 7: Orientation in the reactions of pentachloro-substituted derivatives of benzene with nucleophilic agents. G. G. Iakobson, L. S. Kobrina, G. K. Semin. Zhur. org. khim. 2 no 3:405-501 Mr '66.

Chemistry of vinylacetylene. Part 52: Acetylene-allene-cumulene rearrangement in the nucleophilic substitution of chlorine in methylethylvinylmethylchloromethane by amines. S. A. Vartanian, Sh. O. Badanian, A. V. Mushagian. Izv. AN Arm. SSR, Khim. nauki 17 no 6:505-512 '64.

Electrophilic substitution at a saturated carbon atom. Kinetics of the reaction of benzyl mercury chloride with iodine. I. P. Beletskaja, T. P. Felizova, O. A. Reutov. Dokl. AN SSSR 168 no 4:861-863 F '66.

Chem-substitution systems. Report No. 2: Breakdown of the system >N-C-X under electronic impact. O. A. Pan'ashin, V. P. Nechiporenko, R. G. Koslanovskii. Izv. AN SSSR, Ser. khim. no. 3:228-240 '66.

Reaction of ketene with nitrogen-containing bases. Part 22: Effect of the benzene ring substituents on the electroreduction of 2-chloroacetanilides. I. V. Svatkin, L. N. Andreeva. Zhur. ob. khim. 36 no 3:421-423 Mr '66.

Searching for oleic acid substitutes for the flotation of nonsulfide minerals. S. I. Pol'ina, T. Khai-Zul Fkham, [Thai-Duy Tham]. Tsvet. met. 39 no 1:31-32 Ja '66.

SUBTILISM

Formation of complexes of deoxyribonucleic acid with subtilisin in a neutral medium during the process of thermal denaturation of proteins. I. D. Ivanov, I. E. Radkiseva. Biofizika, 9 no 3:277-281 '64.

SUBVERSIVE ACTIVITIES see subdivision under United States

SUBWAYS see subdivision under Kiev; Moscow

SUBWAYS—PASSENGER TRAFFIC

Iakushkin, I. M. [Efficient organization of passenger transportation on subways] Italsional'naya organizatsiya passazhirskikh pereevozok na metropolitene. Moskva, Strolizdat, 1968. 88 p.

SUCCINIC ACID

Physicochemical study of the systems of acetamide with succinic and adipic acids. I. M. Bokhovin, E. O. Vitanin. Zhur. ob. khim. 36 no 3 373-376 Mi '66.

SUCCINIC ANHYDRIDE

Use of alkenyl succinic acid anhydrides as epoxy resin hardening agents. E. S. Polekhina and others. Plast. massy no. 3 54-57 '66.

SUCCINIMIDE

Derivatives of dibasic carboxylic acids. Part 26: Some α -(p-alkoxybenzyl)-N-allylsuccinimides. Izv. AN Arm. SSR, Khim. nauki 17 no 6:549-555 '61.

SUCKER (FISH)

Materials on the biology of *Catostomus commersoni* (Cyprinidae) (Tsilus). A. S. Novikov, E. A. Stetselskaya. Blot MOIP, Od. biot. 71 no 1:133-136 Ja-P '68.

SUCKER RODS

Calculation of the bottom of sucker rods. V. P. Grabovchik. Mash. i. nef. obz. no. 2:13-18 '66.

Determining the values of optimum torque for the lifting of sucker rods. G. A. Noginov and others. Azv. nef. i. met. 44 no 12:29-31 D '65.

SUCKER RODS—CORROSION

Control of salt deposition using a magnetic device. D. Agalarov and others. Neftianik 11 no 2:70-76 F '66.

SUCROSE

Obtaining and properties of some fatty esters as auxiliary substances in the technology of drugs. I. A. Zhiglo. Fm. mateev. zhur. 21 no 1:10-23 '66.

SUDOGDA DISTRICT—STOCK AND STOCKBREEDING—MANAGEMENT

Practice in planning within individual production units of a state farm. M. Litvinov. Ekonom. khiz. 41 no 7: 67-72 F '66.

SUGAR—ANALYSIS AND TESTING

New laboratory instruments. S. F. Mokhor. Sakh. prom. 40 no 3:33-34 Mr '66.

SUGAR—TRANSPORTATION

Distribution of pressure in the ship's hold in bulk transportation of raw sugar. V. Stetsuk. Mor. flot 20 no 3: 19 Mr '66.

SUGAR BEET MACHINERY

Device for sugar beet spraying with milk of lime. V. S. Shipak. Sakh. prom. 40 no 4:41-42 Ap '66.

SUGAR BEET MACHINERY—TESTING

Sugar-beet washer developed by the State Institute for the Design and Planning of Sugar Industry Enterprises, test results. I. I. Prilutskii. Sakh. prom. 40 no 4:30-35 Ap '66.

SUGAR BEETS

Sugar beet mass and sugar losses in the handling between storage and automatic weighing in the factory. G. V. Ershchenko. Sakh. prom. 40 no 4:67-68 Ap '66.

SUGAR BEETS—FERTILIZERS AND MANURES see subdivision under Tselinograd Province

SUGAR BEETS—PHYSIOLOGY

Effect of chlorine on the photosynthetic apparatus of sugar beets. M. N. Gonorik, S. A. Mikul'skaya, Agrokhimika no. 3:103-110 Mr '66.

SUGAR FACTORIES

Results of the socialist competition of the collectives of sugar factories in the R. S. F. S. R. Sakh. prom. 40 no 3:4 Mr '66.

Systems of the mechanization of operations in the handling of limestone. L. A. Radman. Sakh. prom. 40 no 3:24-26 Mr '66.

SUGAR FACTORIES—DESIGN AND CONSTRUCTION (see also subdivision under Olshany, Ore) (Pravda)

Compatible resistance of floors with a base of cement, polymer cement, and cementitious plastic concrete. A. V. Chulko, I. V. Lashyn, A. A. Kostomarov. Sakh. prom. 40 no 1:5-10 Mi '66.

SUGAR FACTORIES—EQUIPMENT AND SUPPLIES

Demchinskii, F. A. [Manufacture of refined sugar] Prirodnoye sakhara-rasplav. Moskva, Priborostroy. 1965. 178 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

Laundry, drying, and repack of sugar bags. V. M. Chernikov. Sakh. prom. 40 no 3:19-21 Mi '66.

SUGAR FACTORIES—MAINTENANCE AND REPAIR

Planned preventive maintenance of the technological equipment of beet sugar factories. M. I. Rybakov. Sakh. prom. 40 no 4 6-11 Ap '66.

Repair operations on an industrial base are a prerequisite of the increase of reliability and service life of equipment. V. A. Seidiuk. Sakh. prom. 40 no 4:8-9 Mr '66.

SUGAR INDUSTRY

(see also subdivision under Alma-Ata; Ukraine, Vorkhno-Lnepravsk, Ukraine)

Development of industrial cooperation between sugar factories and state farms. E. P. Gublin. Sakh. prom. 40 no 3 41-41 Mi '66.

Provide for timely and high-quality preparation of sugar factories for the coming production season. Sakh. prom. 40 no 4:1-4 Ap '66.

Some problems of sugar consumption by the population of the U. S. S. R. L. S. Mat'el. Sakh. prom. 40 no 3 45-48 Mi '66.

Urgent problems concerning the processing of unrefined cane sugar. Sakh. prom. 40 no 3:1-3 Ma '66.

SUGAR INDUSTRY—ACCOUNTING

Sugar beet mass and sugar losses in the handling between storage and automatic weighing in the factory. G. V. Ershchenko. Sakh. prom. 40 no 4:67-68 Ap '66.

SUGAR INDUSTRY—BY-PRODUCTS

Increasing the production capacity in the feed manufacturing stations of sugar factories. I. I. Tsvetkovskiy, I. U. M. Ukhmalova. Khim. prom. no. 1:50-59 Ja-P '66.

SUGAR INDUSTRY—COSTS

Analysis of the cost of sugar production in factories with various capacity. B. V. Shvachuk. Khim. prom. no. 3 48-50 Ja-P '66.

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Kazakhstan

SUGAR INDUSTRY—FINANCE

Characteristics of the establishment of working capital norms in sugar industry enterprises. K. Kapustin. Sakh. prom. 40 no 4:43-47 Ap '66.

SUGAR INDUSTRY—MANAGEMENT

Intrafactory planning and management control in a sugar factory. V. A. Nikolaev. Sakh. prom. 40 no 4:43-47 Ap '66.

SUGAR INDUSTRY—PRODUCTION STANDARDS

Creation of uniform branch work norms. A. P. Buzhenko. Sakh. prom. 40 no 3:48-49 Mr '66.

Sugar factories need sound standards for repair material requirements. A. I. Maevskii. Sakh. prom. 40 no 3 5 Mr '66.

SUGAR INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see subdivision under Belgorod Province)

SUGAR MACHINERY

Improve the quality of the equipment delivered to the factories. E. R. Degorin. Sakh. prom. 40 no 4:11-13 Ap '66.

Studying the effect of stirring on heat exchange during the boiling of masscurcle. L. A. Nuzhko, V. D. Popov. Sakh. prom. 40 no 4:23-26 Ap '66.

SUGAR MACHINERY—CLEANING

Cleaning of juice heaters prior to the second carbonatation. L. P. Sofronuk. Sakh. prom. 40 no 4:40-41 Ap '66.

SUGAR MACHINERY—MAINTENANCE AND REPAIR

Spare parts for sugar factory equipment. F. B. Keldysh. Sakh. prom. 40 no 4:13-14 Ap '66.

SUGAR MANUFACTURE

Automation of the proportioning of the milk of lime. A. L. Antonovich. Sakh. prom. 40 no 4:35-39 Ap '66.

Beet juice purification by means of lime and carbon dioxide with repeated lime utilization in defecation. A. I. Vostokov. Sakh. prom. 40 no 3:12-19 Mr '66.

SUGAR MANUFACTURE (Continued)

- Concerning a certain criterion of sugar solutions. I. N. Kaganov, V. I. Tuzhilkin. *Sakh. prom.* 40 no. 3 10-12 Mr '66.
- Dorzhinskii, F. A.** [Manufacture of refined sugar]. *Proizvodstvo sakharo-safinada*. Moskva, Pishchebrom, 1965. 178 p. (Urbnoe posobie dlia polgotovki kadrov massovykh professii).
- Determining the coloration of sugar products in physical units. A. I. Zagorutko and others. *Sakh. prom.* 10 no. 3 27-31 Mr '66.
- Flow of massculite. A. I. Gromkovskii, S. Z. Ivanov. *Sakh. prom.* 40 no. 4 17-23 Ap '66.
- Shapiro, A. I., and V. M. Kutsa.** [Reducing sugar losses in heat-sugar manufacture]. *Sulzhenie pol'zakh v avetskikhakhnom proizvodstve*. Moskva, TsINTKhshcheprom, 1965. 30 p.

SUGARS

- Monosaccharides. Report No. 11 Reaction of sugars with carbethoxymethylmethylphenylphosphorane. N. K. Kochetkov, D. A. Dmitriev. *Izv. AN SSSR, Ser. khim.* no. 2 274-281 '66.

SUGLITSKII, ALEXSANDR EVLAPIEVICH, 1896-1965

- Aleksandr Evlampievich Suglitskii, 1896-1965; an obituary. *Arkh. anat., gist i embri.* 50 no. 1 124-127 fa '66.

SUCIDE

- Psychiatric examination of persons who have attempted suicide. B. A. Tselibeev. *Sud.-med. ekspert.* 9 no. 1 30-31 Ja-Mr '66.
- Significance of the examination of the place of the incident for solving the problem of the circumstances of selfinfliction of combined injuries. S. A. Zhdanova, V. P. Arlov, V. M. Bilinov. *Sud.-med. ekspert.* 9 no. 1 43-43 Ja-Mr '66.
- Suicide by exposure. V. S. Zhil'tov. *Sud.-med. ekspert.* 9 no. 1 47 Ja-Mr '66.

SUKHOMLIN, VASILII VASIL'EVICH, 1885-1963

- V. V. Sukhomlin's reminiscences. N. M. Mironova. *Vop. ist.* 41 no. 4 96-97 Ap '66.

SUKSUN REGION (PERM PROVINCE)—KARST

- Karst and underground waters of Suksun. K. A. Gorbuova. *Nauch. trudy Perm. politekh. inst.* no. 12 pt. 2 58-60 '61.

SUKSUN REGION (PERM PROVINCE)—WATER, UNDERGROUND

- Karst and underground waters of Suksun. K. A. Gorbuova. *Nauch. trudy Perm. politekh. inst.* no. 12 pt. 2 58-60 '64.

SULFAMETHIAZINE—PHYSIOLOGICAL EFFECT

- Effect of amril, iprazide and nitroglycerin on the coronary circulation in experimental animals of the cardiac vessels. L. A. Bendikov. *Farm. i toka.* 21 no. 6 695-699 N-D '61.

SULFANILAMIDES

- Therapeutic evaluation of sulfanilamides according to their distribution in tissue microstructures. G. K. Gar-tovoi. *Farm. i toka.* 27 no. 6 720-732 N-D '61.

SULFANILIDE

- Sulfanilides. Part 22: N-cyanmethylnitrosulfonyl-p-anilides. V. T. Bralchenko, M. S. Malinovskii, Z. F. Solozko. *Zhur. org. khim.* 2 no. 3 510-522 Mr '66.

SULFATE REDUCTASE

- Determining the sulfate reductase activity in soil. A. Sh. Galst'ian. *Dokl. AN SSSR* 166 no. 4 959-960 F '66.

SULFATES

- Binary sulfates of scandium, alkali metals, and ammonium. B. N. Ivanov-Limn and others. *Zhur. nauig. khim.* 11 no. 3 511-515 Mr '66.
- Change of the specific surface area in the thermal dissociation of the sulfates of zinc, copper, cobalt and in the oxidizing roasting of vanadium charges. S. A. Amirova, V. V. Pechkovskii, T. I. Boreneva. *Sbor. nauch. trudy Perm. politekh. inst.* no. 10 119-124 '61.
- Characteristics of the reduction of sulfates by solid and gaseous reducing agents. V. V. Pechkovskii, A. N. Kelov. *Sbor. nauch. trudy Perm. politekh. inst.* no. 10 33-32 '61.
- Roasting of zinc sulfide in a fluidized state. I. P. Kostin, A. N. Kelov, V. V. Pechkovskii. *Sbor. nauch. trudy Perm. politekh. inst.* no. 10 81-80 '61.
- Thermodynamic analysis of reactions involved in the hydrogen reduction of the sulfates of barium, calcium, magnesium, zinc, manganese, iron. S. A. Amirova, V. V. Pechkovskii, A. N. Kelov. *Sbor. nauch. trudy Perm. politekh. inst.* no. 10 33-51 '61.

SULFATION

- Kinetics of benzene sulfation in a dimethylsulfate solution. O. I. Knehrin. *Izv. vya. ucheb. zav. khim. i khim. lek.* 9 no. 6 945-940 '66.

SULFIDES

- Reaction of secondary chlorophosphines with chloromethylalkyl sulfides. V. S. Tsvunin, G. Kh. Kamal, V. V. Kormachev. *Zhur. ob. khim.* 36 no. 2 271-273 F '66.

- Removal of sulfides from isopentane by means of hydrogenation. O. V. Bogdanova, A. P. Leukhin, O. M. Penkina. *khim. prom.* 11 no. 11 815-815 N '65.

Sterically unhindered chemical activity. Part 3:

- Reaction of arylmagnesium halides with chloromethyl sulfide. I. I. Lapkin, R. G. Mukhina. *Zhur. org. khim.* 2 no. 3 385-388 Mr '66.

SULFIDES, EFFECT OF RADIATION ON

- Radiation effect on the colloidal systems of sulfides and thio salts. I. G. Bakhtadze, F. M. Nanobashvili. *Sob. AN Gruz SSR* 11 no. 1 67-71 Ja '66.

SULFONAMIDES—THERAPEUTIC USE

- Sulfanyldiazine in pneumococcal meningitis in rabbits. I. I. Ivanovskiy and others. *Farm. i toka.* 27 no. 6 722-728 N-D '61.

SULFONATION

- Structure of polyelectrolytes obtained by the reaction of cross-linked sulfonation of styrene-formaldehyde resins. N. I. A. Lishinin and others. *Izv. AN Kazakh SSR, Ser. khim. nauk* 11 no. 3 77-81 Ji-S '64.

SULFONES

- Condensation of thialomethylalkyl sulfones with aldehydes. L. M. Iagupol'skii, A. G. Panteleimonov. *Zhur. ob. khim.* 36 no. 3 116-121 Mr '66.

- Metabolic reaction with sulfone. V. P. Mamayev, V. P. Borovsk. *Izv. SO AN SSSR* no. 11, Ser. khim. nauk no. 4 158-161 '64.

- New by-products from the toxic industrial wastes of sulfate woodpulp plants. V. G. Vedernikov, V. F. Makshimov. *Trudy LITISBP* no. 17 96-101 '65.

SULFONIC ACIDS

- Alkanosulfonic acids. Part 33: Optimum conditions of synthesis of some N-arylamides of alkanosulfonic acids. A. G. Kovtsova, V. K. Kuznetsova. *Zhur. org. khim.* 2 no. 3 454-456 Mr '66.

- Derivatives of p-tert-butylbenzyl sulfonic acid. S. I. Burmistrov, O. S. Kas'ian, L. G. Romanovskaya. *Izv. vya. ucheb. zav. khim. i khim. lek.* 9 no. 6 1031-1035 '65.

SULFONYL GROUP

- Dia (arylsulfonyl) methane series. Part I: Arylhydrazones of carbobis (phenylsulfonyl). R. G. Dubenko, V. P. Nephlov, P. S. Pol'ka. *Zhur. org. khim.* 2 no. 3 504-507 Mr '66.

SULFUR

- (see also subdivision under Carpathian Mountain region)

- Methods of determining arsenic content in sulfur. D. Kh. Zemskina. *Koka. i khim.* no. 2 10-30 '60.

- Obtaining elemental sulfur when removing hydrogen sulfide from natural gas. M. M. Atyshulov, E. N. Il'ina, S. D. Kilanov. *Gaz. prom.* 11 no. 2 51-51 '66.

- Reaction of polyphenylene ethyl with sulfur. I. I. Ukol'son, V. S. Glukhovskii, V. I. Litvinov. *Izv. vya. ucheb. zav. khim. i khim. lek.* 9 no. 6 1006-1010 '65.

- Thermodynamics of the adiabatic synthesis of carbon sulfide from methane and sulfur. I. P. Kuznetsov and others. *Khim. prom.* 41 no. 11 973-977 N '65.

- Turbidimetric determination of sulfur in cement materials. I. V. Bogdanova, F. P. Kobina. *Trudy Gipro-tsement* no. 28 118-120 '64.

- Volatility of the various forms of sulfate sulfur during the process of coal coking. K. P. Medvedov, V. M. Petropolskaya. *Koka. i khim.* no. 2 9-12 '66.

SULFUR DIOXIDE

- Roasting of zinc sulfide in a fluidized state. L. P. Kostin, A. N. Kelov, V. V. Pechkovskii. *Sbor. nauch. trudy Perm. politekh. inst.* no. 10 81-80 '61.

- Studying the equilibrium conditions of hydrogen sulfide and sulfuric anhydride in joint presence over the white liquor in sulfate woodpulp production. O. I. Sokolova, V. F. Makshimov. *Trudy LITISBP* no. 17 116-121 '65.

SULFUR DIOXIDE—THERMODYNAMICS

- Thermodynamic characteristics of SO₂ in aqueous solutions at various temperatures. I. E. Fils. *Trudy LITISBP* no. 16 12-16 '65.

SULFUR ISOTOPES

- (see also subdivision under France)

- Study of microbial hydrogen sulfide production in oil fields by using S³⁵O₂. M. V. Ivanov, V. M. Golenko. *Mikrobiologiya* 36 no. 1 146-149 Ja-F '66.

- Therapeutic evaluation of sulfanilamides according to their distribution in tissue microstructures. G. K. Gar-tovoi. *Farm. i toka.* 27 no. 6 720-732 N-D '61.

SULFUR ORGANIC COMPOUNDS see Organosulfur compounds

SULFUR OXIDES

- Roasting in a fluidized bed of hydrolysis acid neutralized by cinder. V. V. Pechkovskii and others. *Sbor. nauch. trudy Perm. politekh. inst.* no. 10 71-80 '61.

SULFUR TRIOXIDE

- Preparation of chlorine dioxide by means of the reduction of sodium chlorate by sulfuric anhydride. I. E. Mils, K. D. Dol'yshin, I. I. Blokshteyn. *Trudy LITISBP* no. 16 31-37 '65.

- Sulfuric anhydride absorption in a foam apparatus with inner film heat exchanger. I. G. Blinchev and others. *Khim. prom.* 42 no. 3 178-181 Mr '66.

- Thermodynamics of the reduction of sulfuric anhydride by methanol. N. G. Vilesov, G. A. Gorbatskii. *Khim. prom.* 42 no. 3 187-189 Mr '66.

SULFURIC ACID

- Coefficients of condensation of sulfuric acid, glycerol, and n-dibutyl phthalate. A. I. Baidanova, A. G. Amelin, N. M. Antonova. *Koll. zhur.* 26 no. 1 11-20 Ja-1 '66.

- Continuous purification of compressed naphthalene by sulfuric acid. M. K. Pakter, D. P. Dubrovskii, A. S. Ocheist. *Koka. i khim.* no. 2 31-37 '66.

- Effect of inhibitors on the corrosion of steel in sulfuric acid. L. M. Fal'kovskaya. *Sbor. nauch. trudy Dnepr. inzh. strol. inst.* no. 25 92-97 '62.

- Efficiency of the use of sulfuric acid pastes in tree tapping with wide strokes. V. P. Kulaghi, A. G. Polapov. *Gidroliz. i lesokhimi. prom.* 19 no. 2 13-15 '66.

- Kinetics of absorption of nitrogen peroxide by a sulfonitic mixture. I. E. Ioshpa, A. S. Belbin. *Zhur. prikl. khim.* 39 no. 2 271-277 F '66.

- Optimum conditions of the removal of nonsulfonated compounds from alkyl sulfates. Report No. 1. G. I. Moskvina, N. I. Dezhikina, I. V. Iatzenko. *Mosk.-zhil. prom.* 32 no. 1 18-20 Ja '66.

SULTAN-UZDAG—MANGANESE ORES

- Manganese-volcanic-sedimentary formations of the Sultan-Uz-Dag. A. F. Syvitskaya, A. A. Kuznetsova, A. V. Kalinova. *Urb. geol. zhur.* 10 no. 1 11-17 '66.

SULTAN-UZDAG—ROCKS, IGNEOUS

- Manganese-volcanic-sedimentary formations of the Sultan-Uz-Dag. A. F. Syvitskaya, A. A. Kuznetsova, A. V. Kalinova. *Urb. geol. zhur.* 10 no. 1 11-17 '66.

SUNGAIT (AZERBAIJAN)—DYSENTERY

- Analysis of the incidence of acute bacterial dysentery in the area of the chemical plant of Sungait during 1951-1961. A. S. Antonov and others. *Azerb. med. zhur.* 12 no. 11 57-59 N '65.

SUMS (MATHEMATICS)

- Computation of latitude sums. V. P. Smilnov. *Vost. LGU* 21 no. 4 140-149 '66.

- Theorems of the mean and total trigonometric sums. A. A. Karantuba. *Izv. AN SSSR, Ser. mat.* 39 no. 1 163-208 '66.

SUMY PROVINCE—BAKERYES—EQUIPMENT AND SUPPLIES

- Improvement of production. P. M. Kozarevskii. *Khleb. i kond. prom.* 10 no. 3 38-40 Mr '66.

SUN

- In the Astronomical Council, plenums of Commissions. N. B. Divail, V. N. Obidko. *Vest. AN SSSR* 36 no. 9 154-156 F '66.

SUNAY, CEVDET, 1900-

- People and events. Paul Vanden Boeynants; Cevdet Sunay. *Nov. vrem.* 23 no. 15 15-25 Ap '66.

SUNFLOWER BREEDING

- Inter specific hybridization as a method of breeding sunflower possessing group immunity. G. V. Pastovoi. *Genetika* no. 1 50-60 Ja '66.

SUNFLOWER SEED

- (see also subdivision under Dnepropetrovsk Province)

- Collaboration of sunflower seed prior to hulling. M. P. Kovatenko. *Khur. prom.* no. 1 22-24 Ja-1 '66.

- Furfural-hexose method of sunflower seed husk hydrolysis. N. S. Maksimenko and others. *Gidroliz. i lesokhimi. prom.* 18 no. 2 23-26 '66.

SUNFLOWER SEED—ANALYSIS

- Biochemical properties of high- and low-oil content sunflower seed. N. F. Dublanskaya. *Mosk.-zhil. prom.* 31 no. 1 8-9 Ja '65.

- Changes in the quality of sunflower seed during preliminary processing and storage. Z. P. Tatol, V. A. Kukhtevskaya. *Mosk.-zhil. prom.* 32 no. 1 7 Ja '66.

SUNFLOWER SEED OIL

- Aggregation of sunflower seed pulp during crushing. L. A. D'lekunov. *Mosk.-zhil. prom.* 32 no. 1 8-9 Ja '66.

SUNFLOWERS see subdivision under Central Chernozem Economic region

SUNFLOWERS—FERTILIZERS AND MANURES see subdivision under Moldavia

SUPERCONDUCTIVITY

- Superconductivity in La₂Te₄. V. P. Zhura and others. *Fiz. i red. Zhur. eksp. i teoret. fiz.* 3 no. 5 217-219 Mr '66.

1328

SYVERDLOVSK PROVINCE—ANTIQUITIES

Statue of a woman from an ancient campsite on Beregovy Cay. V. M. Raushenbakh, Mat. i issl. po arkheol., 85%II no. 130-65-68 '69.

SYVERDLOVSK PROVINCE—BOOKSELLERS AND BOOK-SELLING

The practice which they inherited hasn't been changed. N. Pludimov, Knizh. org. 11 no. 128 Ap '68.

SYVERDLOVSK PROVINCE—CITIES AND TOWNS

Basic characteristics of the system of urban settlements and the types of branch centers in Syverdlovsk Province. E. M. Usal'skaya, Vost. LGU 21 no. 6:101-111 '68.

SYVERDLOVSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

Concentrate the attention of party organizations on the introduction of scientific labor organization. V. Baev, Sots. iud. 11 no. 3:64-68 M. '68.

SYVERDLOVSK PROVINCE—INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION

Work experience of the Territorial Institute of the Ural Industrial Construction Project. N. Z. Il'yukh, B. P. Litvinov, Bui. stroit. tekhn. 78 no. 1:39-41 Ja '66.

SYVERDLOVSK PROVINCE—INDUSTRIAL MANAGEMENT

Concentrate the attention of party organizations on the introduction of scientific labor organization. V. Baev, Sots. iud. 11 no. 3:61-68 M. '68.

SYVERDLOVSK PROVINCE—INDUSTRIES

Basic characteristics of the system of urban settlements and the types of branch centers in Syverdlovsk Province. E. M. Usal'skaya, Vost. LGU 21 no. 6:101-111 '68.

SYVERDLOVSK PROVINCE—IRON INDUSTRY—TECHNOLOGICAL INNOVATIONS

On the road of creative activity. D. Chivanov, S. Sarana, NTO 8 no. 3:23-21 Mr '68.

SYVIAL'SKIY, MYKOLA HNATOVYCH, 1884-1938

Mykola Hnatovych Syvial'skiy, Geol. zhur. 25 no. 1:108-107 '65.

SWAMPS see subdivision under Oka-Don Lowland

SWEDEN—NEUTRALITY

History of Sweden's neutrality. IU A. Egorov, Sov. gos. i pravo no. 9:72-78 S '59.

SWEET COLTSFOOT—ANALYSIS

Phytochemical study of *Nardostachya latifolia*. V. I. Niyvin, P. I. Senov, Fitopatol. zhur. 20 no. 4:19-10 '65.

SWELLING (CHEMISTRY)

Kinetics of the swelling of bituminous mastics. A. A. L'vinov, Tranzp. i khim. nefli i nefteprod. no. 1:16-18 '66.

SWINE

Master of inexpensive swine. P. Mikhailov, Zakup. sel'khoz. prod. no. 7:40-19 JI '65.

SWINE—DISEASES AND PESTS

Prophylactic and therapeutic action of gamma globulin in *Adjuvatus* disease. L. L. Lukashov, Vost. sel'khoz. nauk 10 no. 1:101-100 M '65.

Use of trace elements in the prophylaxis and therapy of anemia in young pigs. A. A. Pyokopenko, I. I. Jarov, Veterinarnyia 42 no. 1:57-59 Ja '65.

SWINE—FEEDING AND FEEDS

(see also subdivision under Krasnodar District; Ukraine)

Effectiveness of feeding piglets with vitamin B₁₂ and fodder glycerin. P. P. Beresnevskiy and others, Isputi, mfkroorg. v nar. khoz. no. 2:38-44 '65.

Enzyme preparations in swine and poultry raising. M. V. Ladakov, Vost. sel'khoz. nauk 10 no. 7:100-103 JI '65.

Feed shop for swine fattening farms. V. Kovriga, Tekhn. v sel'khoz. 26 no. 3:25-27 M. '68.

Organization of pork production on a commercial basis. A. Kulikovskiy, Inform. bul. VDNKH no. 4:1-0 Ap '68. (highlights of the growth of White Russian Black and White swine. I. G. Tomson, Vost. sel'khoz. nauk 10 no. 6:89-90 Ja '65.

SWINE—PHYSIOLOGY see subdivision under Kazakhstan

SWINE HOUSES AND EQUIPMENT

HK9-3000 feed distributor in swine fattening houses. V. F. Blantekin, Trakt. i sel'khoz. mash. no. 3:37-38 Mr '68.

SWITCHING CIRCUITS

Consideration of the nonlinearity of the voltampere characteristic of the diodes in the precise calculations of switching circuits. N. P. Kunitskiy, V. M. Khutorovskiy, Avtom. i telem. no. 2:120-133 '68.

Construction of switching circuits using standard USEPPA apparatus. V. E. Vol'skii, Avtom. i telem. no. 1:119-132 '68.

SWITZERLAND—HYDROLOGY—RESEARCH

Hydrologic service of Switzerland. P. I. Millukov, Meteor. i gidrol. no. 1:10-32 Ap '68.

SWITZERLAND—METHODIST CHURCH

In memory of Dr. Ferdinand Stigg, a bishop of the Methodist Church. Archbishop Aleksei, Zhur. Mosk. Patri. no. 2:53-55 '66.

SYNTEITE

Trusova, I. F., and V. I. Chernov, [Petrography of igneous and metamorphic rocks, syntites and nepheline syntites] Petrografia i magmaticheskii i metamorficheskii porod, silyu i nefolovoye slenit Moskva, Mosk. geologorazvedchyni i-1 in. S. O. Zhuravnikov, 1965. 24 p.

SYNTEITE—ANALYSIS see subdivision under Transbaikalia

SYLVA VALLEY (PERM PROVINCE)—MINERALOGY

Mineralogical characteristics of loose sediments in the middle Sylva basin. I. I. Vokhmanina, M. I. Zayeva, Nauch. trudy Perm. gos. univ. no. 12 pt. 2:18-20 '64.

SYLVINITE

Effect of nonelectrolyte additions on the flotation of sylvinite ores. Kh. M. Aleksandrovich, F. F. Korshuk, M. M. Pavlichenko, Dokl. AN BSSR 10 no. 2:90-93 F '66.

SYMBIOSIS

Intracellular symbiosis. V. L. Ryzhkov, Priroda 55 no. 3:9-11 '66.

SYMBOLIC AND MATHEMATICAL LOGIC see Logic, Symbolic and mathematical

SYMMETRY

Problem of symmetry of structures in the "Deutsche Zeitschrift fuer Philosophie" A. I. A. Naibekov, Vop. filoz. 20 no. 3:110-113 '66.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPATHOLYTIC AGENTS

Blocking of peripheral adrenergic systems in addition to the regulation of blood circulation. M. D. Mashkovskiy, Vest. AMN SSSR 21 no. 4:26-37 '66.

Comparison of the adrenergic properties of esters formed by tropane and other amino alcohols with derivatives of α - and β -diphenylpropionic acid. L. N. Gorchikov, M. D. Mashkovskiy, Farm. i toki, 20 no. 1:31-30 Ja-F '68.

SYMPATHOMIMETIC AGENTS

Adrenergic and cholinergic mediators of the blood in acute bacterial dysentery in children. P. D. Kats, Azub. med. zhur. 41 no. 12:11-19 D '64.

Catecholamine metabolism as the object of the effect of medicinal substances. S. B. Feodorova, Pat. mat. sov. zhur. 21 no. 1:63-68 '68.

Effect of some adrenomimetic substances on the function of the adrenal cortex and central nervous system. I. V. Naumenko, R. U. Il'yuchenok, Farm. i toki 27 no. 6:670-672 N-D '64.

SYNAPSES

Effect of the section of the dorsal root on mono- and poly-synaptic reflexes of the spinal cord. L. A. Savos'kina, Fiziol. zhur. 52 no. 1:40-45 Ja '66.

Mechanism of the contribution of the release of the adrenergic mediator in axonal endings. L. I. Badalov, Fiziol. zhur. 52 no. 1:20-33 Ja '66.

Synaptic pathology in thyrotoxicosis. F. A. Alzenstein, Zhur. nev. i psikh. 68 no. 3:481-483 '68.

SYNCHRONOUS ELECTRIC MACHINERY see Electric machinery, Synchronous

SYNCHRONOUS ELECTRIC MOTORS see Electric motors, Synchronous

SYNCHROTRON

Start-up of a B-3M synchrotron as injector for a positron-electron storage ring. G. I. Bukhar and others, Atom. energ. 20 no. 3:208-210 Mr '68.

SYNTHETIC FABRICS

Evaluation of the hygienic properties of underwear with a "polyon" warm interlining. K. I. Stankevich, N. O. Marzecva, Leh. prom. no. 1:12-14 Ja-F '68.

Increased production of artificial fabrics. L. V. Ostina, Tekst. prom. 26 no. 3:84 Mr '68.

Steaming of fabrics with a 25 percent nitron content. I. V. Orlov, M. P. Beresnevskiy, Leh. prom. no. 1:43-45 Ja-F '68.

SYNTHETIC FABRICS—TESTING

Effect of the tension ratio of warp and weft on the physico-mechanical properties of blended lavalan-rayon fabrics. L. D. Nichporchik, Tekst. prom. 26 no. 3:39-41 Mr '68.

Formation of pitting in fabrics. T. S. Luts'kaya, Izv. vyz. ucheb. zav. i tekhn. tekhn. prom. no. 1:25-28 '68.

SYNTHETIC PRODUCTS

Express information. Po. b. delo no. 1:20 Ja '66.

Improvement of the quality of manufactured goods and ways to reduce the time for the introduction of the new types of production. V. I. Aleschenko, Kozh. - obuv. prom. 8 no. 2:7-10 F '68.

New synthetic materials for chemical-oceanographic work. K. M. Khudov, Okeanologiya 5 no. 1:185-186 '68.

Using synthetic materials in the repair of apartment houses. Sh. N. Golant, Much. trudy Aikhi no. 31 Zhil. khoz. no. 3:98-101 '61.

SYNTHETIC RESINS see Resins, Synthetic

SYNTHETIC RUBBER see Rubber, Synthetic

SYNTHETIC RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES

Basic trends in the production of stabilizers for the rubber industry in capitalist countries. K. N. Petrovskiy, Nauch. i rez. 25 no. 3:18-20 '66.

Reikhsfel'd, V. O., and L. N. Ersova, [Equipment for the production of basic organic synthetics and synthetic rubber] Oborudovanie proizvodstva osnovnogo organicheskogo slivca i sinteticheskikh kauchukov. Moskva, I. Khimika, 1965. 823 p. diagr. (Insert)

SYNTHETIC RUBBER INDUSTRY—SANITATION

Study of the harmful industrial exhausts in the atmosphere in the synthetic rubber plants in Voronezh and Yefremov. V. L. Lur'e, Kauch. i rez. 25 no. 3:36-37 '68.

SYNTHETIC TEXTILE FIBERS see Textile fibers, Synthetic

SYNTOMYCIN see Acetamide

SYPHILIS

(see also subdivision under Kazakhstan)

Activity of copper oxidase in the blood and cerebrospinal fluid of patients with syphilitic lesion of the central nervous system. N. I. Tamasheva, A. M. Borzhenko, Zhur. nev. i psikh. 68 no. 3:381-393 '68.

Specific thyrotoxicity in a syphilitic woman. G. I. A. Sharapova, O. E. Khanonova, Sov. med. 27 no. 5:120-122 My '61.

SYPHILIS—DIAGNOSIS

Clinical value and methodology of the Thopsonema pallidum immune adhesion test. L. D. Bulovetskii, Vost. derm. i ven. no. 6:15-18 '65.

Comparative evaluation of standard Wassermann reaction and Kolmer's complement fixation reaction. O. A. Stolina, Vost. derm. i ven. no. 6:10-15 '65.

SYV DARYA VALLEY—SAKA

The Saka is like in the lower Syr Darya Valley, based on the materials of the Togolken burial mound. S. P. Tolstov, M. A. Pina, Sov. arkheol. 10 no. 2:161-175 '66.

SYRIA—CATHEDRALS

Dedication of the Damascus Cathedral. P. Petrov, Zhur. Mosk. Patri. no. 2:52 '66.

SYRIA—MARRIAGE CUSTOMS AND RITUALS

Parents choose the bridegroom. E. Kallanikova, Az. i Afr. arg. 6 no. 3:16-17 Mr '66.

SYRIA—POLITICS AND GOVERNMENT

Syria on a new path. P. Demchenko, Nov. vrem. 21 no. 15:23-24 Ap '66.

SYROMIATNIKOV, IVAN ANIKAD'EVICH, 1904-1966

I. A. Syromiatnikov; obituary. Elek. i chestvo no. 3:90 Mr '68.

I. A. Syromiatnikov; obituary. Prom. energ. 21 no. 3:47 Mr '68.

SYRPHUS FLIES see subdivision under Kirghizistan

SYSTEM ANALYSIS

Method for solving nonlinear systems of a special type. V. A. Vasilukhin, S. A. Kozlovskiy, Zhur. vych. mat. i mat. fiz. 6 no. 3:347-352 M. -Ap '68.

SYSTEMS (CHEMISTRY)

Cr, Sr, Cl, SO₂ system. A. G. Bergman, T. D. Zimina, Zhur. neorg. khim. 10 no. 10:2328-2328 O '65.

Determining the isotherm of solubility in ternary systems by the thermodynamic properties of binary alloys. B. P. But'yev, Izv. vyz. ucheb. zav. i khim. i khim. tekhn. 6 no. 6:910-914 '65.

Displacement system AgCl₄-CuCl₂-FeCl₃-Zn₂-ZnCl₂-Ag₂Cu₂Ph. A. P. Palkin, IU. P. Afanogenov, Zhur. neorg. khim. 11 no. 3:628-632 M. '68.

Effect of sodium acetate on the vapor-liquid phase equilibrium in the system acetic acid - formic acid - water - sodium acetate. L. M. Dzhekehorov, I. N. Tsimbaev, V. B. Kogan, Khim. i tekhn. i lekh. prom. 10 no. 3:438-444 My-Je '65.

Effect of the system solid carrier - liquid phase on the characteristics of separation in gas chromatography. V. G. Borozkin and others, Naftokhimiya 5 no. 3:438-444 My-Je '65.

SYSTEMS (CHEMISTRY) (Continued)

- Evolution of the elution properties of some systems in the chromatographic analysis on antiolefin aluminum oxide. A. A. Sult, F. M. Shumakov. Izv. v. ucheb. zav. khim. i khim. tekhn. 8 no. 6 906-909 '65.
- Semi-substitution systems? Report No. 2. Breakdown of the system $2H_2C=CH-C_2H_5$ under electronic impact. O. A. Pan'khin, V. P. Nechiporenko, R. G. Kostanovskii. Izv. AN SSSR, Ser. khim. no. 2 228-243 '66.
- Isopiestic method of physicochemical analysis. Part I. Metric of isopiestic diagrams. V. M. Vodenko, M. A. Riazanov. Radiokhimiya 8 no. 1 51-58 '66.
- Na, Ca, K, H₂ system. I. I. Il'iasov, Zhur. neorg. khim. 10 no. 10 2321-2325 O '65.
- Phenomenological theory of fluctuations in the near-critical state regions of multicomponent systems. N. P. Kovalenko, I. Z. Fisher. Zhur. khim. 40 no. 3 649-656 M '68.
- Physicochemical study of systems formed by orthophosphoric acid with some acids. I. U. A. Flakov, I. U. A. Tarasenko. Zhur. neorg. khim. 11 no. 3 619-623 Mr '66.
- Structural properties of a mercury telluride-mercury sulfide system. E. I. Nikol'skaya. Uch. zap. Kal. gos. ped. inst. 33 61-65 '63.
- Structure of alloys of the system Zr - C - Nb. S. S. Ordan'yan, A. I. Avgustinik, V. Sh. Vigdegaiz. Zhur. prikl. khim. 39 no. 2 312-317 F '66.
- Structure of alloys of the system Zr - C - Ta. A. I. Avgustinik, S. S. Ordan'yan, Zhur. prikl. khim. 39 no. 2 318-323 F '66.
- Study of the system $2NaCl + NaOH \cdot 2H_2O + NaH$. E. M. Mitkevich, B. A. Shikhov, Zhur. neorg. khim. 11 no. 3 639-643 Mr '66.
- Studying the physicochemical properties of the system propionaldehyde - n-propyl alcohol - isobutyl alcohol - water. A. S. Mozhukhin and others. Khim. i tekhn. topl. i masel. 11 no. 4 11-15 Ap '65.
- Supersaturation of the aqueous systems $NH_4H_2PO_4$ - NH_4NO_3 - KCl and $NH_4H_2PO_4$ - NH_4NO_3 - $CO(NH_2)_2$. M. E. Pozin, B. A. Kopylov, N. K. Shilling. Izv. v. ucheb. zav., khim. i khim. tekhn. 8 no. 6 883-888 '65.
- Systems consisting of lithium, sodium, and potassium acetates. E. I. Pochtakova. Zhur. neorg. khim. 10 no. 10 2333-2338 O '65.
- The system rhodium - chromium - carbon. L. V. Gorshkova, T. F. Fedorov, I. U. B. Kuz'ma. Porosh. met. 6 no. 3 75-77 M '65.
- Systems $CeCl_3$ - NaCl - H_2O and $CeCl_3$ - KCl - H_2O . I. N. Bellaev, Le. Tluk. Zhur. neorg. khim. 10 no. 10 2355-2358 O '65.
- Systems Na, K, Rb || NO_3 and K, Rb, Cs || NO_3 . G. G. Digenov, I. F. Sarapulova. Zhur. neorg. khim. 10 no. 10 2375-2378 O '65.
- Systems $(NH_4)_2TiF_6$ - $(NH_4)_2NbF_6$ - H_2O (25HF) and $(NH_4)_2BeF_4$ - $(NH_4)_2ZrF_6$ - H_2O (25HF) at 25 and 80°C. P. A. Shabichikov. Zhur. neorg. khim. 11 no. 3 675-677 Mr '66.
- Ternary reciprocal system consisting of cadmium and lead bromides and iodides. L. L. Il'iasov, Ukr. khim. zhur. 32 no. 1 12-15 '65.
- Theory of phototurbidimetric analysis; light extinction method for studying the system $PbSO_4 \cdot C_2H_5OH$ - N_2O in the presence of cations of different valence. A. G. Karpushova, N. D. Podobud, Sboi. nauch. i. ab. Volg. gos. ped. inst. no. 1 3-8 '64.
- Thermodynamic analysis of solid-phase reactions involved in the formation of binary compounds. B. I. Ailuk, Zhur. prikl. khim. 39 no. 2 454-455 F '66.
- Total insolubility of the components of binary and ternary systems. A. A. Zhukov, Izv. v. ucheb. zav., mashinost. no. 1 145-149 '65.
- Vapor composition in the systems $EtCl_3$ - $CsCl$ and $chenkov$, G. I. Novikov, Vest.

TERMODYNAMICS

of volume, V. K. 40 no. 3 614-617 Mr '66.

systems formed by tri-n- benzene, carbon tetra- K Kharchenko and others. him. nauk no. 3 30-37 '64.

copper - slag - oxygen. Izv. AN Kazakh, SSR. 5 11-8 '64.

ila. Teatr 27 no. 1:100-

Grigor'ev, A. A. Brovkin, 1 166 no. 1:937-940

process of preparing JE. E. Borzunov. -16 '63.

TABULATING MACHINES

Shkov, M. V. [Electronic multiplying and computing attachments to the T-5MU and T-5MV tabulators.] Elektronnaya umnozhatel'skaya i vychislitel'naya prikladnaya tabulirovka T-5MU i T-5MV. Moskva, [Statistika] 1965. 62 p. (DEB)

TACHIND FLIES see subdivision under Moldavia

TACTICS

Communist Youth League members are true to their word. IU Promskhin. Sov. voln. 17 no. 10 1-1 O '65.

TAENIA

(see also subdivision under Kalmyk A. S. R. Uzbekistan)

Results of the use of dichloral (phenasal) combined with dichlorophene and phenasal combined with aceticine in Taenia hyacinth infestations. V. I. Suvorov. Med. parazit. i parazit. bol. 35 no. 2:233-234 M-Apr '66.

Treatment of Taenia hyacinth infestations with phenasal. N. E. Kovalov. Med. parazit. i parazit. bol. 35 no. 2:234-235 M-Apr '66.

TAGANROG--STEEL INDUSTRY

The struggle for economical management. I. Ovseenko. Agitator 33 no. 4 4-6 F '66.

TAGANROG--WAGES--AGRICULTURAL MACHINERY INDUSTRY

Material self-interest and the economic efficiency of scientific labor organization plans. N. Latal. Sots. iud. 11 no. 3 19-23 Mr '66.

TAILINGS (METALLURGY)

Economic efficiency of using dispersion additions. B. V. Malygin. Gor. zhur. no. 3:63-64 M '66.

Preparing apatite concentrates from tailings at the ore-dressing plant of the Kovdor Iron Ore Combine. G. A. Golovnikov and others. Gor. zhur. no. 3:60-63 M '66.

Properties of cast stone products from tailings of iron ore dressing. V. A. Chechulin, I. U. G. Kovalev, A. I. Novikov. Stok. i kei. 23 no. 2:3-23 Mr '66.

TAJK DEPRESSION--PETROLEUM--ANALYSIS

Heteroatomic compounds of basic character in petroleum of the Tajik Depression. N. U. Numanov and others. Dokl. AN Tadzh. SSR 9 no. 1 27-30 '66.

TAJKISTAN--ADULT EDUCATION

A "university" of the "Khodzhen" residential block. A. Balanov. Agitator 33 no. 5:49-50 Mr '66.

TAJKISTAN--CAPITAL--CONGRESSES

Conference on the problems of the efficient use of capital assets and capital investments. L. Puzanova. Vop. ekon. 2:153-155 F '66.

TAJKISTAN--COCCIDIUM

Species of chick and turkey Coccidia in Tajikistan. N. V. Antipolova. Dokl. AN Tadzh. SSR 9 no. 1 17-19 '66.

TAJKISTAN--COMMUNIST PARTY OF THE SOVIET UNION--CONGRESSES

The 16th Congress of the Communist Party of Tajikistan. Part zhizni. 8 no. 5 54-56 Mr '66.

TAJKISTAN--GAS, NATURAL

Geochemical indices of gas resources and gas manifestation in wells in the vicinity of Khodzhamamin and Khodzha-Sartla salt domes. P. A. Korzun, S. I. Vasil'chikova. Dokl. AN Tadzh. SSR 9 no. 1 35-38 '66.

TAJKISTAN--GAS, NATURAL--GEOLOGY

Characteristics of the distribution of oil and gas fields in southwestern Tajikistan and adjacent regions of the Uzbek S. S. R. E. V. Lobzin. Geol. nefi i gaz. 10 no. 1:20-24 Ja '66.

Possible oil and gas potentials of Cretaceous sediments in the boundaries of the Kulyab Depression based on data of the luminescent study of bitumens. A. Kariev. Dokl. AN Tadzh. SSR 9 no. 1:31-34 '66.

TAJKISTAN--KINGHIZ

The economy and material culture of the Karatagin Kinghiz in the late 19th and early 20th centuries. A. Abysukacv. Uch. zap. Osh. gos. ped. inst. no. 8:136-141 '64.

TAJKISTAN--LAW REPORTS, DIGESTS, ETC.

Conference on the systematization of the laws of the Republic. S. S. Moskvyn, R. M. Romanov. Sov. gos. i pravo. 36 no. 3:137-138 Mr '66.

TAJKISTAN--PARASITES--POULTRY

Species of chick and turkey Coccidia in Tajikistan. N. V. Antipolova. Dokl. AN Tadzh. SSR 9 no. 1:47-49 '66.

TAJKISTAN--PETROLEUM GEOLOGY

Characteristics of the distribution of oil and gas fields in southwestern Tajikistan and adjacent regions of the Uzbek S. S. R. E. V. Lobzin. Geol. nefi i gaz. 10 no. 1:20-24 Ja '66.

Possible oil and gas potentials of Cretaceous sediments in the boundaries of the Kulyab Depression based on data of the luminescent study of bitumens. A. Kariev. Dokl. AN Tadzh. SSR 9 no. 1:31-34 '66.

TAJKISTAN--RURAL CONDITIONS

Well-ordered life in a collective farm village in Tajikistan. S. Shukhobzharov. Agitator 33 no. 7 32-34 Ap '66.

TAJKISTAN--SALT DOMES

Geochemical indices of gas resources and gas manifestation in wells in the vicinity of Khodzhamamin and Khodzha-Sartla salt domes. P. A. Korzun, S. I. Vasil'chikova. Dokl. AN Tadzh. SSR 9 no. 1:35-38 '66.

TALC

Calcium sorption by talc. A. A. Tikhonova. Tрудy Inst. biol. UFAN SSSR no. 45:17-21 '65.

TALC--PHYSIOLOGICAL EFFECT

Talc as a cause of the development of a postoperative adhesive process in the abdominal cavity. V. P. Ilii, Khirurgia 42 no. 3:107-110 M '66.

TALISMANS

Camelian, the "stone of good luck." V. I. Markov. Mat. i inzh. po arkheol. SSSR no. 130:270-271 O '65.

TALLINN--BALLET

Good unity. E. Chernaya. Sov. muz. 30 no. 3:51-55 Mr '66.

TALLINN--MOTORBUS DRIVERS

Millionaires. Kh. Koval'd, T. Tamash. Avt. i transp. 44 no. 2:10 F '66.

TALLINN--OPERA

Good unity. E. Chernaya. Sov. muz. 30 no. 3:51-55 Mr '66.

Meeting with music. M. Maksakova. Sov. muz. 30 no. 3:55-57 Mr '66.

TALLINN--PAPER MILLS--EQUIPMENT AND SUPPLIES

Efficient utilization of industrial space. S. I. Gerasimov, G. G. Zolotareva. Bim. prom. no. 2:23 I '66.

TALLINN--PRECAST CONCRETE CONSTRUCTION

Using the Leningrad method. N. Kral, A. Markarova. Eksp. stroit. no. 8:50-52 Ag '64.

TALLINN--THEATER

Thus the Theater of Young Spectators began. V. Panso. Teatr 27 no. 1:76-77 Ja '66.

TALYSH MOUNTAINS--FOREST ECOLOGY

Forest vegetation in the alpine regions of the Talys Mountains and its phytocenotic characteristics. I. S. Safarov. Izv. AN Azerb. SSR, Ser. biol. nauk. no. 1:3-9 '65.

TAMAN PENINSULA--FORTIFICATIONS, OLD

Pharos' campaign against Phanagoria in the light of recent archaeological discoveries. G. A. Ivelava. Mat. i inzh. po arkheol. SSSR no. 130:234-236 '66.

TAMBOV--MEAT INDUSTRY

Business and people of the Tambov meat combine. A. Nikitenko, Zakup. sel'khoz. prod. no. 7 52-53 Ji '65.

TAMBOV GOVERNMENT--LAND, NATIONALIZATION OF

Seizure of manorial estates in the Tambov Government, 1917-1918. S. F. Tylik. Vest. LGU 10 no. 20:37-47 '64.

TAMBOV PROVINCE--BOOKSELLERS AND BOOK-SELLING

Those who disseminate noble and nano ideas. A. Soteglo. Knizh. tovg. 17 no. 3 20 Mr '66.

TAMBOV PROVINCE--FRUIT--DISEASES AND PESTS

Fruit mites and their predators in Tambov Province. R. S. Rymashevskaya. Uch. zap. Tamb. gos. ped. insh. no. 22:312-323 '65.

TAMBOV PROVINCE--SCHOOL MANAGEMENT AND ORGANIZATION

In a distorting mirror. N. Peshkova. Sov. profsoyuz. 22 no. 4:110-110 F '66.

TAMBOV REGION--BIRDS

Changes in the avifauna in the vicinity of Tambov from 1949 to 1963. A. G. Skoptsov. Uch. zap. Tamb. gos. ped. inst. no. 22:305-311 '65.

TANAI--GLASS MANUFACTURE

Glass manufacture in Tanais. E. M. Alekseeva, T. M. Arsen'eva. Sov. arkheol. 10 no. 2:170-180 '66.

TANGUT

Tangut sources relating to the governmental and administrative system of the state of Si Hia. E. I. Kychanov. Krat. soob. Inst. nar. Az. no. 69:180-180 '65.

TANK VESSELS

- Consideration of the hull elasticity in determining the minimum freeboard of oil tankers. A. I. Maksimovskiy, Trudy TSNIIMF no. 87, 129-134 '65.
- Proper use of the load line of tankers. B. M. Kontorovich, A. V. Krivobokov, I. V. Sem'yanov, Sudostroyeniye 56 no. 2, 10-11 F '66.
- Reducing the vibration on shallow-draft tankers. M. Gavrilyov, Morsk. flot 26 no. 2 36 F '66.
- Some characteristics of the world freight market of the tanker fleet. D. Nikolaev, Morsk. flot 26 no. 3, 42-43 Mr '66.
- Sources of labor achievements. N. Salov, Morsk. flot 26 no. 3 3-4 Mr '66.

TANK VESSELS—AIR CONDITIONING

- Double-line high-speed air-conditioning system on the "Sofita" type tankers. V. M. Shumshin, Sudostroyeniye 56 no. 1, 28-32 Ja '66.

TANK VESSELS—EQUIPMENT AND SUPPLIES

- Hydraulic calculation of the gravity-flow system of tanker loading. G. Sirov, M. Rahel, Tekhn. transport 23 no. 6, 23-26 Je '64.

TANK VESSELS—MAINTENANCE AND REPAIR

- Improve the organization of repair of the "Lielchansk"-type tankers. V. Mokshin, Morsk. flot 26 no. 3, 33 Mr '66.

TANK WARFARE—STUDY AND TEACHING

- School of bravery. N. Ancharskaya, Sov. voyn 47 no. 23 37-40 N '65.

TANKS

- Apparatus for measuring and controlling electrostatic field intensity in petroleum products tanks. D. N. Brago, G. K. Bogatkin, Trudy MINKHGP no. 58, 71-76 '65.
- Change in the density of the electrical charge in tanks. S. A. Brodovskiy, Transp. i kha on nefti i nefteprod. no. 1, 21-24 60.
- Device for laying tanks on foundations. N. G. Antonenko, Stroitel. trubo. 10 no. 5, 14-15 My '66.
- Effectiveness of various elements of constant-capacity petroleum products tanks. M. I. Ashkinazi, Shor. nauch. trudy. Dnepr. inzh.-stroit. inst. no. 25, 3-18 '62.
- Effectiveness of varying-capacity petroleum products tanks. M. I. Ashkinazi, Shor. nauch. trudy. Dnepr. inzh.-stroit. inst. no. 25, 31-47 '62.
- Need for a modernized design of pressure vent valves. M. Bokovnikov, Pozh. delo no. 1 27 Ja '60.
- Trailer tank for bitumen. V. I. Bevizuk, Stroitel. trubo. 10 no. 4, 30 My '66.

TANKS—CLEANING

- Work clothes for workers engaged in cleaning tanks. F. A. Arustamova, P. D. Gaganova, Transp. i kha on nefti i nefteprod. no. 1, 28-29 '66.

TANKS—CORROSION

- Corrosion and corrosion protection of petroleum tanks in refineries of Bashkiria. V. E. Pogutov, A. A. Gonik, I. A. Mikhailovskiy, Nefteprom. i neftekhim. no. 1, 20-32 '65.

TANKS—DESIGN AND CONSTRUCTION

- Effect of the angle of inclination of the structural elements of metal tank roofs on their corrosion in a medium of sour petroleum. H. M. Kaskovich, Zashch. met. 2 no. 2, 240-248 '66.
- Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. [Provisional instructions for performing and accepting the work of constructing underground tanks in stable rock for white petroleum products and compressed gases] Vremennyye ukazaniya na proizvodstvo i priemki rabot po stroitel'stву podzemnykh khranilishtch v usloviyakh gornyykh porodakh dlya svetlykh nefteproduktov i szhizheynykh gazov (SN 314-05). Moskva, Stroitzdat, 1966. 15 p.

TANNING

- Physicochemical properties of collagen fibers. I. I. Mikhel'tan, V. A. Kut'in, A. N. Mikhaltov, Izv. vys. ucheb. zav., tekhn. leg. prom. no. 1 42-50 '66.
- Studying the tanning effect of modified aluminum sulfate complexes. M. Kh. Kirakosyan, I. P. Strakhov, Izv. vys. ucheb. zav., tekhn. leg. prom. no. 1, 68-72 '66.
- The tanneries of Russian businessmen in the first quarter of the 18th century. M. A. Volkov, Ist. SSSR 10 no. 1, 138-181 Ja-F '66.

TANNINS

- Cheyrenidi, B. Kh. [Tannin plants of Central Asia] Dubilnye rasteniya Srednei Azii. Tashkent, Nauka, 1965. 328 p.
- Effect of soil conditions on the growth and tannin productivity of smoke trees. N. Kh. Osmola, Izv. vys. ucheb. zav., tekhn. leg. prom. no. 8, 42-44 '66.

TANNU-TUVA see Tuva A.S.S.R.

TANTALITE

- Transformations of tantalite in the process of acidic leaching. S. A. Goryshovskaya and others. Geokhimiya no. 9, 130-139 S '65.

TANTALUM CHLORIDES

- Interaction of niobium and tantalum chlorides with tri-n-butyl phosphate. O. I. Kot'kov and others. Zhur. neorg. khim. 11 no. 3, 677-678 Mr '66.

TANTALUM COMPOUNDS

- Synthesis of tantalum nitride chloride in nitrobenzene. M. A. Gushkova, M. M. Pishova, I. A. Bityaev, Zhur. neorg. khim. 10 no. 10, 2376-2378 Q '65.

TANZANIA—MARRIAGE CUSTOMS AND RITES

- Wedding among the Vazaramo. Az. i Afr. seg. 9 no. 3, 18 Mr '66.

TAPE AND WIRE RECORDERS see Magnetic recorders and recording

TAPEWORMS

- (see also subdivision under Lovozer District, Moldavia)
- Effectiveness of measures for controlling cysticercosis and echinococcosis in ruminants. M. V. Pollanskaya, Veterinaria 42 no. 1, 45 Ja '66.
- Inspection of fish of the Ivan'kovo reservoir (Moscow Sea) for diphyllobothriids. P. B. Gofman-Kadochnikov, T. P. Chizhova, A. S. Anisimovich, Med. paraz. i parazit. bol. 35 no. 2, 237-239 Mr-Apr '66.
- New data on the migration of the eggs and larvae stages of Hymenolepis nana (Siebold, 1852) in white mice. B. A. Astaf'ev, Med. paraz. i parazit. bol. 35 no. 2, 149-154 Mr-Apr '66.
- Some characteristics of the course of intestinal infections and invasions (epidemic hepatitis, dysentery, colicenteritis and lamblia) in patients with hymenolepiasis. V. I. Khalitova, V. D. Zhitar', Trudy Kish. gos. med. inst. 1, 11-15-14 '61.
- Soviet-Finnish conference on diphyllobothriases. L. I. Prokopenko, Med. paraz. i parazit. bol. 35 no. 2, 250-251 Mr-Apr '66.

TAPS AND DIES

- Die holder and limiter. V. A. Rurakov, Shkola i proizv. 9 no. 1, 56-58 Mr '65.

TAR OILS

- Automation of the process of tar oxidation. P. T. Sverbil', Nefteprom. i neftekhim. no. 1, 42-43 '66.
- Comparative oxidation of tar in batch and continuous apparatus. R. A. Amar and others. Nefteprom. i neftekhim. no. 2, 21-24 '66.
- Some physical properties of wood-tar oils. Report No. 2. A. I. Kiprianov, Z. I. Folladova, G. P. Solonov, Izv. vys. ucheb. zav., tekhn. leg. prom. no. 6, 145-147 '65.

TARASICHIA DISTRICT—FARM MECHANIZATION

- My opinion. S. Pil'gun, Mol. komm. no. 1, 39-42 Ja '66.

TARBAGATAY RANGE—ROCKS, SEDIMENTARY

- Devonian volcanic sedimentary series of the Karabaghskiy antichlorium (Tarbagatay Range). L. N. Kotova, Dokl. AN SSSR 167 no. 1, 100-103 Mr '66.

TARBAGATAY RANGE REGION—GEOLOGY, STRATIGRAPHIC

- Characteristics of the structure of Silurian sediments in the Chingiz-Tarbagatay megantichlorium. E. M. Velikovskaya, Vest. Mosk. un. Ser. 4: Geol. 21 no. 1, 40-48 Ja-F '66.

TARKHANKUT PENINSULA—GEOLOGY, STRUCTURAL

- Place of the Tarkhankut Peninsula in the geological structure of the Crimean plain and the nature of its folding. A. T. Bogachev, S. M. Zakharov, L. G. Plakhoviy, Geol. i geokhim. nef. i gaz. mestorozh. no. 2, 68-77 '66.

TARKHANOV, IVAN ROMANOVICH, 1846-1908

- Contribution of I. R. Tarkhanovich (Tarkhanov) to the problem of longevity and old age. G. S. Pitskhelauri, Fiziol. zhur. [Ukr.] 12 no. 1, 110-120 Ja-F '66.

TARKHOVKA (LENINGRAD PROVINCE)—SANATORIUMS

- Sanatorium in Tarkhovka. Stroitel. arkhitekt. Len. 28 no. 2, 32-33 F '66.

TARTARIC ACID—EFFECT ON PLANTS see Plants, Effect of tartaric acid on

TASHKENT—CLOTHING INDUSTRY

- They satisfy the customers' demands. Ekon. i zhizn' 8 no. 2, 82 F '66.

TASHKENT—CLOTHING INDUSTRY—MANAGEMENT

- On a firm commercial basis. A. Bronshteyn, Ekon. i zhizn' 8 no. 1, 34-40 Ja '66.

TASHKENT—FIRE PREVENTION—STUDY AND TEACHING

- How to start? E. Grinberg, Pozh. delo no. 1, 11-12 Ja '66.

TASHKENT CONFERENCE, 1966

- Historical declaration of the Tashkent Conference. Kommunist 12 no. 1, 10-11 Ja '66.

TASHKENT PROVINCE—CITY PLANNING

- Heart of the mining region. A. Vladimirov, Ekon. i zhizn' 8 no. 1, 83-84 Ja '66.

TASHKENT PROVINCE—PATHOANATOMICAL SOCIETIES

- Work of the Tashkent Province Society of Pathoanatomists during 1961-1964. G. N. Terokhov, N. P. Krut'ko, Arkh. pat. 20 no. 1, 87-92 '66.

TASHKENT PROVINCE—STOCK AND STOCKBREEDING

- Ways of improving livestock for mining on cotton-growing collective farms. R. Al'dzhinov, Ekon. i zhizn' 8 no. 2, 60-62 F '66.

TATAR A.S.S.R.—ANTIQUITIES

- Discovery of a sword from the Pyanyy Bor burial mound. R. L. Rozental', Mat. i issl. po arkheol. SSSR no. 130, 235-237 '66.

TATAR A.S.S.R.—CONSTRUCTION INDUSTRY

- Assembly line construction of the main structures of the Kama water pipeline of the second order. N. P. Kallagin, Stroitel. trubo. 10 no. 12, 26-28 D '65.

TATAR A.S.S.R.—CONSTRUCTION WORKERS—EDUCATION AND TRAINING

- Preparation in the Combine of the Tatar Petroleum Construction Administration for the Fourth Seminar of Young Specialists. Ch. Sh. Gattimova, Stroitel. trubo. 10 no. 5, 24 My '65.
- University of technical progress in construction. Stroitel. trubo. 10 no. 5, 27 My '65.

TATAR A.S.S.R.—ECONOMIC CONDITIONS

- Toward new achievements. F. Tabeev, Kommunist 42 no. 4, 30-32 Ja '66.

TATAR A.S.S.R.—ECONOMIC GEOGRAPHY

- Aleksandrov, I. N., Z. A. Durland, and E. F. Karakovsky. [Economic geography of the Tatar A.S.S.R., a textbook for the secondary school] Ekonomicheskaya geografiya TASSR; uchebnoe posobie dlya srednei shkoly. Kazan', Tatarskoe knizhnoe izd-vo, 1963. 138 p.

[MICROFILM]

TATAR A.S.S.R.—OIL WELL DRILLING

- Deflection of wells in the Novo-Yekhnovskaya area. A. P. Vukhotanov, I. U. Ismagilov, Buron. no. 2, 13-15 '66.

TATAR A.S.S.R.—OPENIA

- From the studio to the theater. M. Dzhalil', Sov. muz. 30 no. 3, 65-68 Mr '66.

TATAR A.S.S.R.—PETROLEUM PRODUCTION

- Using electric sinking pumps for producing partially cased wells. A. D. Golikov and others. Nefteprom. delo no. 3, 19-22 '66.

TATAR A.S.S.R.—RADIO JOURNALISM

- To be or not to be? O. Lishtina. Sov. radio i tel. 12 no. 4, 16-18 Ap '66.

TATAR A.S.S.R.—VOCATIONAL EDUCATION

- Brief news. A. Kh. Gubaidullin, Sred. shkola, obr. 13 no. 1, 26-27 Ja '66.

TATAR A.S.S.R.—WATER, UNDERGROUND

- Causes of the water demineralization in the Sarapulov-Namiryan sediments of the Shugurov region. E. F. Stankevich, Geol. nef. i gaz. 9 no. 3, 48-50 Mr '66.

TATAR A.S.S.R.—WATER, UNDERGROUND—ANALYSIS

- Hydrochemical anomalies in the Tatar A.S.S.R. E. I. Sinitskiy, Neftegaz. geol. i geofiz. no. 2, 47-3 of cover '66.

TATAR COINS see Coins, Tatar

TAX COLLECTION see subdivision under Kishinev

TAXIDERMY

- Zaslavskiy, M. A. [Preparing of stuffed birds, skeletons and museum objects, taxidermy of birds] Izgotovleniye chuchel ptil, skeletov i muzeynykh preparatov; taksidevniya ptil. Moskva, Nauka, 1966. 260 p.

TEBILISI see Tbilisi

TEA

- Isolation of crystalline catechols from high-quality black tea. M. A. Bokuchava, M. I. Oragvalidze, A. M. Kntazava, Prikl. biokhim. i mikrobiol. 2 no. 2, 87-192 Mr-Apr '66.
- Study of complex tea esters. N. I. Skolobova, M. A. Bokuchava, Prikl. biokhim. i mikrobiol. 2 no. 2, 193-198 Mr-Apr '66.

TEA INDUSTRY—STATISTICS see subdivision under
Alkhazia

TEACHER-STUDENT RELATIONSHIPS

Secret of a foreman. E. Roslo. Prof. tekhn. obr. 23
no. 217 F '66

TEACHERS

(see also subdivision under Leningrad Province,
Moldavia)

Garimianin, Raisa Iosif'evna. V. Gurman. Sred.
spets. obr. 14 no. 16-19 Mr '66

Il'yushin, S. V. Valentinna Zelenova. G. Shlybova. Doshk.
vosp. 39 no. 3-32-33 F '66.

Honor of the city. N. Sobolev. Doshk. vosp. 39 no. 2-
81-82 F '66

More than forty years dedicated to children. R. D. Makee-
va. Nach. shkola 34 no. 3-44 Mr '66

My first teacher! M. Borisov. Nach. shkola 34 no. 3-41-
42 Mr '66.

Organized group as a guaranty of successful teaching.
F. S. Drobyshevskii. Nach. shkola 34 no. 3-45 Mr '66.

School is my life. A. Mikhailov. Nach. shkola 34 no. 3-
42-44 Mr '66

Secret of success. B. Almazov. Sred. spets. obr. 13
no. 1-24 Mr '66.

TEACHERS—LEGAL STATUS, LAWS, ETC.

Editor of the journal replies to readers. So. profsoyuz
23 no. 3-11-13 F '66.

TEACHERS—OUT-OF-SCHOOL ACTIVITIES

Let the clouds come to us through the windows!
M. Nikolova. Mol. komm. no. 1-64-70 Ja '65.

TEACHERS—SALARIES, PENSIONS, ETC.

Determining the teachers' average monthly salary by
means of tables. IU. M. Lebedev. Sred. spets. obr. 13
no. 1-48-55 Ja '66.

Editor's mail. L. Ivanov. N. Shokhet. Doshk. vosp. 39
no. 2-60-61 F '66.

Our consultations. Sred. spets. obr. 13 no. 3-52-54 Mr
'66

The salaries of public education personnel. Agitator
33 no. 4-62-63 F '66.

TEACHERS, TRAINING OF

(see also subdivision under Bashkirdia, Lugansk
Province, Ukraine)

At the central "Pedagogical lectures." Shkola i prosv.
9 no. 3-83-85 Mr '65

Concern for a future foreman. I. Makarov. Prof. tekhn.
obr. 23 no. 3-21-22 Mr '66.

Foster of a graduating student. I. Cheludavikh. Nar. obr.
no. 4-25-26 Ap '66.

Let's increase the teacher's role in student training.
I. Chuprakov. Nar. obr. no. 3-10-14 Mr '66.

Meditations. L. Glukhen'kova. Doshk. vosp. 39 no. 2-
84-85 F '66.

Searching for new methods of teacher training. M. Bern-
shein. Nar. obr. no. 3-97-101 Mr '66.

What the improvement of teachers' qualification should
be like. V. Arbutov. Nar. obr. no. 4-19-23 Ap '66.

TEACHING

(see also subdivision under Bulgaria; Poland)

Methods for stimulating the students' thinking. A. I.
Gorbanova. Sov. pedagog. 30 no. 3-48-54 Ju '66.

Problems as a stimulation of cognitive activity. T. Sha-
nova. Nar. obr. no. 3-33-37 Mr '66.

Questioning also can be interesting. A. Plekhanov. Nar.
obr. no. 4-82-83 Ap '66.

TEACHING MACHINES

"PT-2" apparatus for the control of student knowledge.
D. M. Koinikil, V. L. Salov. Shkola i prosv. 9 no. 3-
50-54 Mr '65.

Concerning a program of automated language teaching
by the "Minsk-1" electronic computer. R. V. Senikov,
A. S. Prolov. Trudy MINKHGP no. 68:117-120 '65.

Controlling and teaching machine with direct introduction
of information. E. L. Belkin. Shkola i prosv. 9
no. 3-59-62 Mr '65

Shenshev, L. V. [Role and place of teaching machines
in the system of programmed instruction; materials
for the 4th All-Union Conference on Programmed
Instruction and the Application of Audio-Visual Equip-
ment] Voprosy o roli i meste obuchatelnykh
maschin v sisteme programirovannogo obucheniia;
material k IV-i Vserossiiskoi konferentsii po
programirovannomu obucheniiu i primeneniiu tekhnicheskikh sredstv. Moskva, Pedagogicheskoe
obshchestvo RSFSR, 1965. 22 p.

[MICROFILM]

Use of teaching machines in mechanical drawing classes.
A. D. Bolvinnikov. Shkola i prosv. 9 no. 3-34-46 Mr
'65.

TECHNICAL ASSISTANCE, RUSSIAN

(see also subdivision under Afghanistan; Communist
countries; Somalia)

Legal problems of technical assistance. M. Gorodiaskil.
Vnesh. torg. 48 no. 3-49-50 '65.

Roads of friendship. M. Beloshevich. Vnesh. torg.
16 no. 3-8-11 '66.

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION

Interplant school for plywood workers in Latvia. A. IA.
Rogozhin. Der. prom. 15 no. 2-2 of cover F '66

TECHNICAL EDUCATION—ECONOMIC ASPECTS see
subdivision under Krasnoyarsk

TECHNICAL EDUCATION—PROGRAMMED INSTRUCTION

Time requires. A. Beig. NTO 8 no. 2-18-19 F '66.

TECHNICAL SOCIETIES

The council of scientific and technological societies in the
organization of the collective work. NTO 8 no. 3-42-43
Mr '66.

The fourth congress of the scientific and technological
societies. Avi. transp. 44 no. 2-59 F '66.

The Fourth Congress of the Scientific and Technological
Society of the Machinery Industry. M. S. Fedotenko.
Vest. mashinost. 10 no. 3-85-88 Mr '66.

A program is needed for technical societies. N. V. Davhe-
nov. Vest. protivovozd. obr. no. 1-35-38 Ja '66.

TECHNICIANS IN INDUSTRY

Calculating the future demand for specialists. N. Kovnits.
Plan. khoz. 43 no. 4-39-40 Ap '66.

Evaluation of the work complexity of engineering and
technical workers and employees. I. Olovskii, IU. Ko-
kin. Sov. trud. II no. 3-50-56 Mr '66.

Moscow. Nauchno-issledovatel'skii institut truda.
[Problems in the work organization of engineering and
technical workers and employees in industrial
enterprises] Voprosy organizatsii truda inzhenerno-
tekhnicheskikh rabotnikov i sluzhashchikh na promysh-
lennyykh predpriyatiakh. Pod red. G. E. Slazinger.
Moskva, 1965. 174 p. (Iz: Uchenye zapiski)

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Angren Hydroelectric
Power Station, Kalinin Province, Moldavia; Saratov
Province)

Advertising board. Izobr. i rats. no. 2-36-37 '66.

Conceived-achieved. Izobr. i rats. no. 2-3, 22-23 '66.

Creative work of Soviet workers and technological
progress. IU. Maksimov. Agitator 33 no. 5-10-12
Mr '66.

Exhibited at the Exhibition of the Achievements of the
National Economy and Introduced in Industrial produc-
tion. Mekh. i avtom. prosv. 20 no. 2-36-40 F '66.

Exhibitions of special items. Inform. blud. VDNKH no. 6:
7-10 Ja '64.

Festival of technological innovations. NTO 8 no. 3-40-40
Mr '66.

From the notebook of the technologist of "Trubnitskiy
kavkazskiy." Izogr. i rats. no. 2-20-20 '66.

From various countries. Izobr. i rats. no. 2-34-35 '66.

Innovators are preparing for the party congress. Izobr. i
rats. no. 2-11-2 '66.

Mechanics exhibit. E. M. Kozlenko. Mashinostroitel'
no. 3-11-44 Mr '66.

On the evaluation of the efficiency of the introduction of
the new equipment. A. Basilev. Vop. ekon. no. 2:
121-124 F '66.

Open letters. NTO 8 no. 3-44-45 Mr '66.

Practical suggestions of workers; facts and figures.
Agitator 33 no. 7-36-37 Ap '66.

Readers' letters. Izobr. i rats. no. 2-46-47 '66.

Readers' letters. NTO 8 no. 2-44-45 F '66.

Readers' rostrum. NTO 8 no. 3-40 Mr '66.

Roll call before the party congress. Izobr. i rats. no. 2:
1-3, 25-27 '66.

Science and technology; brief notes. NTO 8 no. 2-48-49
F '66.

Some works of technological laboratories in industrial
plants. D. I. Vaks. Stan. i inst. 37 no. 2-20-22 F
'66.

This can be used in your enterprise. Mashinostroitel'
no. 3-22-23 Mr '66.

This is how we live. Izobr. i rats. no. 2-35 '66.

TECHNOLOGICAL INNOVATIONS—EXHIBITIONS

From exhibition into production. Inform. blud. VDNKH
no. 1-16 Ja '66.

TECHNOLOGICAL INNOVATIONS—FINANCE see sub-
division under Europe, Eastern; Lvov Province

TECHNOLOGICAL INNOVATIONS—STUDY AND TEACHING

Development of the innovating abilities of students. K. S.
Gorbator. Shkola i prosv. 9 no. 3-5-6 Mr '65

TECHNOLOGY

Basic lines of technological progress as related to
scientific achievements. M. D. Millionshchikov. Vest.
AN SSSR 35 no. 2-21-20 F '66.

Chemicalization as a manifestation of technological pro-
gress. V. V. Samoilov. Mol. khoz. no. 4-26-30 '64

Communism and science. M. Millionshchikov. Komm.
nist 12 no. 5-30-31 Mr '66.

Discussion of reports. Vest. AN SSSR 37 no. 2-11-11
F '66.

Economic problems of technological progress. I. M.
Gatovskii. Vest. AN SSSR 38 no. 3-30-10 F '66.

Some problems of technological progress. I. M. Novitskiy.
Plan. khoz. 43 no. 3-11-20 Mr '66.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography— Technology

TECHNOLOGY—RESEARCH

Introductory address by Academician M. V. Keldysh. Vest.
AN SSSR 36 no. 2-5-6 F '66.

TECHNOLOGY—TERMINOLOGY

Terminology and scientific-technical terms. P. V. Vasy-
lov. Standartizatsiya 20 no. 12-30-31 Ju '65.

TECHNOLOGY AND CIVILIZATION

(see also subdivision under Europe, Eastern)

Present revolution in science and technology and its
social implications under socialism. V. G. Mikhailov,
IU. S. Melnichenko. Vop. filos. 20 no. 3-120-110 '65.

Volko, V. I., ed. [Man and technology; abstracts of re-
ports] Chelovek i tekhnika; tezis nauchnykh dokladov.
Kiev, Kievskii politekhn. in-t, 1965. 46 p.
(CS-11)

TEETH—AGING

Deforming the age of man is evident by the state of their
teeth bones. G. A. Klovovskiy, M. IA. Lavrova. Biol.
MOIP. Old. biol. 71 no. 1-10-26 Ja-F '66.

TEETH—DISEASES

Effect of tetracycline on the microbial flora of the oral
cavity and intensification of rats with experimental caries.
E. M. Monkhina, S. A. Kuzina, M. S. Gubankina. Antib.
biotiki 11 no. 3-265-266 Mr '66.

TELECOMMUNICATION

Codes in variant in respect to linear convolution. I. M.
Gablitskiy. Radiotekh. i elektron. 11 no. 3-333-338
Mr '66.

Condition of transmission efficiency with information
feedback. Z. M. Kanevskii. Radiotekh. i elektron. 11
no. 3-336-337 Mr '66.

Determination of message delay time in telecommunication
data transmission. R. P. Zinabov. Avtom. i telemekh. 11
no. 100-106 '66.

Phase distortions in transmission systems and "interfer-
ence" characteristics of signals. V. G. Alukaseva. Radiotek-
hnika i elektronika 20 no. 2-56-60 F '66.

Search for the extremum of functions based on the inter-
action maximum principle. IU. I. Nefin. Avtom. i telemekh.
no. 1-133-138 '66.

Selecting the interrogation interval in a multichannel
pulse signal detecting system with time division of
channels. V. I. Dovger. Opt. i mekh. prom. 33 no. 2-
5-9 F '66

Smirnov, B. V. [Fundamentals of radio engineering and
communications equipment] Osnovy radioelektroniki i
tekhniki svyazi. Moskva, Kolos, 1965. 383 p. (Ucheb-
niki i uchebnye posobie dlia selskokhoziaistvennykh
tekhnikumov)

Uncertainty relation in radio engineering. I. T. Turnevskiy.
Radiotekhnika 21 no. 3-68 Mr '66.

TELECOMMUNICATION—ABSTRACTS

[Radio engineering and telecommunication] Ref. zhur.:
Radiotekh. i elektronika. no. 2 F '66. Avtorskii
ukazatel' za 1965 g.

TELEGRAPH—PERFORATING SYSTEM

Practice in the introduction of a telecommunication
system. V. Popov. Dun. i kred. 24 no. 2-70-72
F '66.

TELEMETER

Using the galvanic couple for feeding bottom telemetering
apparatus in drilling. V. I. Ljupov, V. V. Rybnikov, A. F.
Kuz'minov. Mash. i neft. obr. no. 2-31-34 '66.

TELEMETERING

Action of weak and strong impulse noises on the FBI
receiver of a telemetry system. IU. I. Chugtin. Trudy
VNIKAneftgaz no. 1-218-231 '65.

Comparative analysis of the interference rejection of
telemetry systems. V. A. Kashirin. Trudy VNIKA-
neftgaz no. 1-107-207 '65.

Narrow-band telemetering system. E. IA. Karasik and
others. Trudy VNIKAneftgaz no. 1-110-110 '65.

TELESCOPE

Construct yourself a refracting telescope. M. A. Mikh-
hikov. Zem. i vesol. 2 no. 1-84-85 Ja-F '66.

TELESCOPE, REFLECTING

For amateurs constructing homemade telescopes, Talk no. 3, M. M. Sheniakha. Zem i vol, 2 no. 182-84 Ja-F '65.

TELEVISION

(see also subdivision under Germany, East)
First steps, V Pokorski. Sov. radio i tel. 12 no. 131-35 Ap '63.
Improvisation and imitation, V. Gilgor'ev. Sov. radio i tel. 12 no. 4 13-14 Ap '63.

TELEVISION—INDUSTRIAL APPLICATIONS

Lighting of classification yards to secure a round-the-clock observation by means of television, N. G. Chesnokova. Trudy TSNII MPS no. 208 4-20 '65.

TELEVISION—PRODUCTION AND DIRECTION

People's artists take the floor, A. Roshlin. Sov. radio i tel. 12 no. 4 11-12 Ap '63.

TELEVISION—RECEIVERS AND RECEPTION

Maikus, P. [Television reception, Translated from the German] Praktika televizionnogo priema. Moskva, Svyaz', 1964. 299 p. (Biblioteka "Televizionnyi priem" no. 17)

This year's developments in television, I. Pes'tatski. Radio no. 2 8-9 F '66.

Transistorized television channel switch, IU. Strel'tsov. Radio no. 2 21-23 F '66.

TELEVISION—STAGE SETTING AND SCENERY

Furniture and props, M. Abramian, P. Vishniakov. Sov. radio i tel. 12 no. 4 36-37 Ap '63.

TELEVISION—STANDARDS

Electronic television standards converter, N. K. Ignat'ev, E. Z. Sotoka. Elektr. svyaz' 20 no. 2:67-73 F '66.

TELEVISION—TRANSMITTERS AND TRANSMISSION

Bogatov, G. B. [Television transmissions from space] Televizionnye peredachi iz kosmosa. Moskva, Nauka, 1966. 303 p. (Nauchno-populiarnaya seriya)

TELEVISION BROADCASTING see subdivision under Donetsk; Lugansk; Rostov-on-Don

TELEVISION CRITICISM

Press and the small screen, N. Vasilenko. Sov. pech. no. 3:36-39 '66.

TELEVISION IN AGRICULTURE

Television gallops along the agricultural paths, N. K. Riazhi. Sov. radio i tel. 12 no. 4 19-20 Ap '63.

TELEVISION IN ASTRONOMY

Bogatov, G. B. [Television transmissions from space] Televizionnye peredachi iz kosmosa. Moskva, Nauka, 1966. 303 p. (Nauchno-populiarnaya seriya)

TELEVISION IN LEGAL EDUCATION

Our television journal, D. Bakayev, IA Tsygarovskii, A. Dudarov. Sots. zakon. 43 no. 3:65 Mr '66.

TELEVISION IN METEOROLOGY

Use of television observations of meteorological satellites in synoptic analysis at the Central Institute of Forecasting, L. S. Mikhina. Meteor. i gidrol. no. 4:45-48 Ap '66.

TELEVISION IN PROPAGANDA

There were many questions, L. Glukhovskaya. Sov. radio i tel. 12 no. 4:23 Ap '63.
We have a big job ahead! Sov. radio i tel. 12 no. 4:1-2 Ap '63.

TELEVISION PROGRAMS see subdivision under Ural Mountain region

TELEVISION SCRIPTS

The author comes to the studio, P. Borinik. Sov. radio, i tel. 12 no. 4 22-23 Ap '63.

TELEVISION STATIONS—SAFETY MEASURES

Hygienic characteristics of working with the sources of short and ultrashort waves in radio and television stations, P. P. Fukalova. Trudy Lab. elektromag. pol. rad. AN SSSR, no. 2:158-163 '64.

TELLURIC ACIDS—THERMAL PROPERTIES

Thermal decomposition of orthotelluric acid, O. N. Breusov and others. Izv. AN SSSR, Neorg. mat. 2 no. 2:305-318 F '66.

TELLURIUM

State of selenium (IV) and tellurium (IV) ions in solutions, D. S. Gafanlian, M. V. Darbinyan. Izv. AN Arm. SSR, Khim. nauk 17 no. 5:501-504 '64.

TELLURIUM ALLOYS

Some properties of indium arsenide and gallium arsenide alloyed with tellurium, F. F. Khimikhov and others. Izv. AN SSSR, Neorg. mat. 2 no. 2:245-246 F '66.

TELLURIUM COMPOUNDS

Extraction of complex acids with oxygen-containing solvents. Part 6: Extraction of tetravalent tellurium, B. Z. Iola, Van Van'-sin [Wang Wan-hsing], M. Ridvan. Radio-Khimia 6 no. 1:14-20 '65.

TEMPERATURE—EFFECT ON ADHESION see Adhesion, Effect of temperature on

TEMPERATURE—EFFECT ON BRONZE see Bronze, Effect of temperature on

TEMPERATURE—EFFECT ON CONCRETE see Concrete, Effect of temperature on

TEMPERATURE—EFFECT ON CONCRETE BEAMS see Concrete beams, Effect of temperature on

TEMPERATURE—EFFECT ON CORROSION AND ANTICORROSIVES see Corrosion and anticorrosives, Effect of temperature on

TEMPERATURE—EFFECT ON MANGANESE STEEL see Manganese steel, Effect of temperature on

TEMPERATURE—EFFECT ON METALS see Metals, Effect of temperature on

TEMPERATURE—EFFECT ON PANELS (BUILDING) see Panels (Building), Effect of temperature on

TEMPERATURE—EFFECT ON PLANTS see Plants, Effect of temperature on

TEMPERATURE—PHYSIOLOGICAL EFFECT

Changes in heredity properties of Newcastle disease virus in the course of passages in the tissue culture at lower temperatures, S. G. Markushin, IU. Z. Gershen, Genetika 1:139-168 Ja '66.

Comparative evaluation of the thermostability of the muscles and myofibrils in Rana temporaria, V. B. Ushakov, TSitologiya 6 no. 1:96-99 Ja-F '66.

Development of obligate thermophilic bacteria at 55° to 70°C, L. A. Iggorova. Mikrobiologiya 34 no. 6:888-894 N-D '65.

Effect of chlorotetracycline on bacteria at varying temperatures, G. B. Dubrova. Mikrobiologiya 34 no. 6:933-937 N-D '65.

Effect of temperature and agitation on the rate of oxygen dissolution in liquid nutrient media, L. A. Egorova, I. N. Pozmogova. Mikrobiologiya 35 no. 1:174-178 Ja-F '66.

Heat resistance of Paramecium caudatum clones isolated from various natural populations, D. V. Ostrov, Vest. LGU 21 no. 3:107-112 '66.

Nature of the resistance of the muscle tissue to the damaging effect of temperature, V. V. Vasil'eva, TSitologiya 6 no. 1:93-96 Ja-F '66.

Refrigeration thermostatic unit for studying the effect of subfreezing temperature on the cell, N. A. Golovkin, V. M. Chernyshev, TSitologiya 6 no. 1:133-136 Ja-F '66.

Relationship between the filtration feeding rate and temperature in some representatives of water fleas, N. M. Krutikova, V. G. Kondratuk. Dokl. AN BSSR 10 no. 2 120-123 F '66.

Seasonal changes in the reaction to temperature of isolated females of Ixodes ricinus L. (Ixodidae), V. N. Belozorov, V. E. Bogdanov, N. V. Kvitko. Vest. LGU 21 no. 3:37-44 '66.

Thermostability of the isolated muscle tissue and the antigenic properties of erythrocytes of some cultured carp varieties, IU. P. Altukhov, A. I. Matveev, B. M. Ruzanova. TSitologiya 6 no. 1:100-103 Ja-F '66.

TEMPERATURE FIELDS

Approximate method for calculating a temperature field in a system with nonlinear boundary conditions, N. L. Nikitenko. Izv. vyz. ucheb. zav., energ. 9 no. 3:118-121 M '65.

Calculation of temperature fields during friction welding, L. A. Shternin. Svar. prodv., no. 3:6-8 Mr '66.

Control of the heating of a "linear" viscoelastic plate with limitation of temperature stresses, N. N. Golov', Avtom. i telem. no. 2:18-27 '66.

Experimental study of the temperature field of the melt during the growth of single crystals, V. V. Kudryavtsev, O. A. Romizov, IU. L. Alekseev, Trudy MIT no. 22:165-168 '65.

Some problems of nonstationary temperature fields of cylindrical bodies, M. I. Vorenin, A. V. Motavkin. Sborn. trud. MVTU no. 3:22-34 '63.

Temperature field of an ingot being cooled by radiation from its surface, A. A. Uglov, V. F. Brekhovskikh, Izv. AN SSSR, Met. no. 1:102-106 Ja-F '66.

TEMPERATURE INVERSIONS see subdivision under South Pole

TEMPERATURE REGULATORS

Automatic control of the temperature of heat carriers in the SZPB-2, O. grain dryers, V. Rasatrigin, M. Dzyonar. Tekhn. v sel'khoz. 26 no. 2:43-45 F '66.

Installation of heat control instruments and means of automatic control, M. A. Golod, Energ. stroit. no. 5, 34-35 '65.

Programmed multipoint relay-pulse temperature regulation, V. I. Smirnov, D. D. Subbotin. Prikladnaya elektronika 3 18-19 M '66.

Some remarks on the installation of heat control instruments and means of automatic control, V. N. Romanov. Energ. stroit. no. 5 36-37 '65.

Studying the direct regulation of digesters with periodical action and direct heating, I. S. Podbello, Trudy LITTSIP no. 17:180-192 '65.

TEMPERATURE REGULATORS—TESTING

Studying the systems of automatic water and oil temperature regulation in diesel locomotive engines, N. M. Lukov. Trudy MIT no. 206:166-169 '65.

Testing and thermal air pressure regulator for automatic temperature regulating systems, N. M. Lukov, Trudy MIT no. 206:146-150 '65.

TEMPERING

Brittleness of chromium-molybdenum-vanadium steels during tempering, L. A. Dolinina and others. Metalloved. i term. obrab. met. no. 3:30-44 M '66.

TEMRYUK (GRASNODAR TERRITORY)—BOOK CLUBS

A club in the city of Temryuk, V. Svirshchevskii, Knizh. toig. 17 no. 1:25 Ja '66.

TENDONS—SURGERY

Surgery on tendons of the lower extremities in cerebral palsies, L. I. Pukhova, Z. Kh. Zig'el'bum. Ortop., travm. i protez., 27 no. 3:15-20 Mr '66.

TENSOMETERS

Nonstability of stringed converters operating with a free strain, G. A. Kondashkova, Trudy LPI no. 250:62-61 '65.

TENSIOGRAPHY

Physicochemical study of GaCl_3 - MeCl systems, Report No. 1. Study of the binary system GaCl_3 - NaCl thermography and tensiometry, V. N. Arbekov, E. S. Pelyev. Izv. SO AN SSSR, no. 11 Ser. khim. nauk no. 3 55-59 '61.

Studying the pump impellers by the tensometric method, V. N. Vinokurova. Izv. vyz. ucheb. zav., gor. zhur., 5 no. 1:122-128 '62.

TER-PETROSIAN, SEMEN ANSHAKOVICH, 1882-1922

A true story, which has become a legend, N. Ovelina. Sov. voln. 48 no. 6:42-43 M '66.

TEREPHTHALIC ACID

Stress relaxation of polyethylene terephthalate in the vitreous state, L. Z. Rogovina, G. L. Sionitskii, Vysokom. mod. 8 no. 2:219-225 F '66.

TEREZIN REGION, CZECHOSLOVAKIA—IRRIGATION CANALS AND FLUMES

Testing the irrigation system "Vltava-A", Vladimir Chaur. Gidrotel. 18 no. 3:55-58 M '66.

TERNOPOL' PROVINCE—COOPERATIVE SOCIETIES

Effective forms of the propaganda of progress, Z. Duda. Sov. putch. koop. 10 no. 3:24-21 M '66.

TERNOPOL' PROVINCE—POLITICS AND GOVERNMENT

The "hosts of deputies" and the village committees, M. Fedchynskiy. Rad. pravo 20 no. 3:17-18 Mr '66.

TERRA COTTA see subdivision under Uzbekistan

TERRACING

Vallgosa, V. S., IU. N. Kulikovskii, and A. I. Pisarenko. [Afforestation of mountain slopes] Obsestnoye gornykh sklonov. Moskva, TSentr. nauchno-issled. in-1 informatsii i tekhniko-ekon. issledovaniy po lesnoi, tseluluzno-bumazhnoi, dorevoobrabatovayushchei promyshl. i lesnomu khoz., 1964. 46 p. (Lesnoe khoziasstvo) [DIAL MICROFILM]

TERRESTRIAL ELECTRICITY see Earth currents

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TERRITORIAL WATERS

Territorial waters, L. Ermeev. Makhdunar. zhizn' 13 no. 4:155-167 '66.

TESTICLE—ABNORMALITIES AND DEFORMITIES

Torsion of a cryptorchid testicle, A. B. Ailev. Azerb. med. zhur. 43 no. 1:90-92 Ja '66.

TESTICLE—CANCER

Experimental tumors of the testicle induced by 0, 10-dimethyl-1, 2-benzanthracene, B. V. Klucharev. Vop. onk. 12 no. 3:53-56 '66.

TESTING LABORATORIES

Multistage spinning test of cotton varieties and new types of synthetic fibers, L. S. Mondzelovskii, IU. I. Kuznetsov. Tekst. prom. 20 no. 3:10-11 Mr '66.

TESTING LABORATORIES—EQUIPMENT AND SUPPLIES

New laboratory instruments. S F McVhort. Sakh prom 40 no 3 33-34 Mr '66

TESTING MACHINES

Effect of the rate of the increase in stresses on the manifestation of the scale factor in the static testing of materials. I A N Shvelsov. Trudy LITISBP no 17, 244-255 '65

Equipment for testing small specimens for thermal fatigue. V I Shidenko, B A Litshchenko. Priborostroenie, 6 no. 1, 69-71 Ja '66.

Industrial flaw detection equipment. Prom. cneig. 20 no. 4 64 Ap '65.

Simple stand for testing articles during transportation shaking. D I Turlian. Priborostroenie no 3 23 Mr '66

Testing of polymeric films for resistance to breaking. G I Burdygina, G I Beloruskaya, L K Klimova. Trudy NIIFI no 50 73-83 '62

TETANUS

Interrelationship between the level of vital dye sorption by skeletal muscles and the activity of tetanic and tonic neuromuscular apparatus. V V Mikhailov, D L Teptily. TSitologiya 8 no. 1 38-45 Ja-F '66.

New virus system in tetanus; clinical morphological study. G A Akimov, D I Smeshchuk, Q N Tsybutsk. Zhur. nevrolog. 66 no. 3 329-334 '66

Tracheostomy in the compound treatment of tetanus. K T. Proshunin. Eksp. khir. i anest. no 4 79-81 '65.

TETRACORALLA see subdivision under Dolgoy Island (Archangel Province), Vaygach Island

TETRACYCLINE

Demethyltetracycline. V G Makarevich, T N Laznikova. Antibiotiki 11 no. 3 278-284 Mr '66.

Effect of tetracycline on the microbial flora of the oral cavity and intestines of rats with experimental caries. E M Moskvina, S A Kurina, M S Gollinskaya. Antibiotiki 11 no. 3 265-269 Mr '66.

Oxytetracycline biosynthesis by Actinomyces viscosus in media with various carbohydrates. N V Ortova, M B Andrianova. Mikrobiologiya 35 no 1 40-47 Ja-F '66.

Results of oletrin therapy of gonorrhea in males. A V. Mikhovskiy. Vest. dermat. i ven. no. 6 59-60 '65.

Use of tetracycline and chlortetracycline to prevent infection in riboflavin biosynthesis by Eremothecium ashbyi culture. M G Golyshova and others. Antibiotiki 11 no. 3 210-213 Mr '66.

TETHAEDRITE

Studies in structural mineralogy. N V Belov. Min. sbor. 19 no. 1 3-9 '65.

TEUTONIC KNIGHTS

How the White Russian people struggled against German aggression from the 13th through the 16th centuries. S A. Shcharbakov. Vest. AN BSSR. Ser. hram. nav. no. 1 60-69 '66.

TEXTBOOKS

Some remarks on the format of textbooks. V Ryvchik. Nar. obr. no. 3 107 Mr '66.

TEXTILE CHEMISTRY

Scientific conference on porous and fibrous materials. R E Retzlin. Tekst. prom. 26 no. 3 97 Mr '66.

TEXTILE FABRICS

Accounting for the use of textiles in the clothing industry. I Bulobzhetskii, G Semenov. Bukhg. uch. no. 2.

fabrics. L V Osina. 66.

woolens. Tekst. prom.

of wetting of textile
ous materials. A. N.
; tekh. tekst. prom.

of summer dress fab-
26 no. 3 66-70 Mr

soaking capacity dual
rials M. I. Sukharev.
m. no. 1 17-20 '66.

OPTICITIES

ie of fibers and thick-
eat conductivity.
a. Shvein. prom.

warpers to slizing
st. prom. 26 no. 3:

TEXTILE FACTORIES—HEATING AND VENTILATION

Selecting the method of ventilation system regulation taking the infiltration of outdoor air into account. N V. Dubayina. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1: 121-125 '66.

TEXTILE FACTORIES—LIGHTING

Ivanovo. Vsesoyuznyi nauchno-issledovatel'skii institut ohrany tuda. [Bull.-In lighting of textile machinery] Measno osveshchenie tekstil'nykh mashin Ivanovo, 1963. 20 p. (V pomoshch' inzhenerno-tekhnicheskim rabotnikam i profaktivu po okhrane tuda) [MICROFILM]

TEXTILE FIBERS

Miniature spinning test of cotton varieties and new types of synthetic fibers. L S Mondzatevskii, I U I Kuznetsov. Tekst. prom. 26 no. 3: 8-11 Mr '66.

TEXTILE FIBERS—TESTING

Apparatus for measuring the coefficient of fiber parallelization in intermediate products. V V Iakovlev, N A. Tsiiovich. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1: 170-173 '66.

TEXTILE FIBERS, SYNTHETIC

Experience in the processing of supramolecular fibers on cotton spinning machines. K N Maslennikov, M S. Grishina, V V Gerasov. Tekst. prom. 26 no. 3: 12-14 Mr '66.

Pilling of knit goods made from bulky loop yarn. V M. Shavitskiy. Len. prom. no. 1: 14-16 Ja-F '66.

Production of cellulose for the manufacture of synthetic fibers with hot alkali refining and with additional (secondary) mercerization. L E Aktin and others. Trudy LITISBP no. 16: 170-188 '65.

Some physicochemical properties of bulked yarn. L S. Smirnov, S S Polokhova. Tekst. prom. 26 no. 3: 71-72 Mr '66.

Use of synthetic fibers in the preparation of card sliver for artificial fur. H P. Huzivenko, O I Pina'kiy. Len. prom. no. 1 6-8 Ja-F '66.

TEXTILE FIBERS, SYNTHETIC—TESTING

Thermodynamics of deformation of oriented polyvinyl alcohol fibers. I U M. Malinskii, V V Gureev, V A. Kargin. Vysokom. sood. 8 no. 2: 347-361 F '66.

TEXTILE FINISHING

Accuracy in the application of film coatings on the surface of textile materials. V V Evdokimov, I I Kapustin. Izv. vys. ucheb. zav.; tekh. tek. prom. no. 1 58-67 '66.

Use of gas fuel for fabric singeing. V N. Chizhov and others. Tekst. prom. 26 no. 3: 75-77 Mr '66.

TEXTILE FINISHING—EQUIPMENT AND SUPPLIES

Introducing a two-engine asynchronous electric drive for a finishing unit with only a few machines. A M. Byatov, V N Lirin, S V Pastin. Bluz. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 1: 43-44 Ja '66.

TEXTILE INDUSTRY

(see also subdivision under Frunze)

Calculation of the coordinated work of motors in the continuous production lines of textile enterprises on the basis of the G-D multi-engine system. G G Kovalov. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1: 126-131 '66.

Determination of the operational efficiency of equipment and labor productivity in textile enterprises. M L Pavzner. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1: 10-13 '66.

Device for counting production output. V E Margulio, N F Tereshkin. Tekst. prom. 26 no. 3: 73-74 Mr '66.

Preparing to welcome the 23d Congress of the CPSU. Tekst. prom. 26 no. 3: 1-4 Mr '66.

TEXTILE INDUSTRY—FINANCE

Indices of capital yield and profitability. I G. Ioffe. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1: 3-8 '66.

TEXTILE INDUSTRY—HYGIENIC ASPECTS see subdivision under Cherkassy

TEXTILE INDUSTRY—MANAGEMENT

(see also subdivision under Fergana; Moscow)

Toward new methods of management. L V Sherstneva, N V Rykunov. Tekst. prom. 26 no. 3: 5-6 Mr '66.

What scientific labor organization should be like in a mass production. M Gurev. Sois. trud. 11 no. 3: 92-94 Mr '66.

TEXTILE INDUSTRY—QUALITY CONTROL see subdivision under Moscow

TEXTILE MACHINERY

Avasy, S A., and others. [Automation of technological processes in the wool, flax, and silk industry] Avtomatizatsiya tekhnologicheskikh protsessov shorstaniol, i'lanol i sholkovoi promyshlennosti. Moskva, Legkaya Industriya, 1966. 205 p.

Determining parameters of the regulation of twisting machines. V F Grotz, A I Barbovitskiy-Gordop. Izv. vys. ucheb. zav.; mashinostr. no. 12: 134-160 '65.

Lipenkov, I A. [Equipment and technology of wool spinning] Obozrudovaniye i tekhnologiya shorstopravlaniya i nogo proizvodstva. Moskva, Legkaya Industriya, 1966. 519 p.

[Technology of weaving, preparation of warp and weft for weaving] Tekhnologiya tkachestva; prigotovleniye osnovy i utka k tkachestvu. [By] F M Rozanov i dr. Moskva, Legkaya Industriya. Pl. 1. 1966. 231 p.

Theoretical analysis of conditions of the drawing-in process by a pair of rollers with elastic coating. G K Piter-tsov. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1: 111-147 '66.

TEXTILE MACHINERY—DESIGN AND CONSTRUCTION

Investigating the possibility of replacing pre-assembled joints by glued joints in assembling textile machines. N M Kapustin. Shor. trud. MVPU no. 4: 99-101 '64

TEXTILE MACHINERY—ELECTRIC DRIVING

Use of cascade networks for the connection of industrial motors in the driving system of finishing machines with a small number of machines. V N Iizhin, Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1: 37-113 '66.

TEXTILE MACHINERY—MODELS

Modeling of the lengthwise motion of the end in air motion. V I Kuklin, I V Lebedev. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1: 100-109 '66.

TEXTILE MACHINERY—TECHNOLOGICAL INNOVATIONS

Magicians of cobweb fibers. NTO 8 no. 2: 52-53 I '65.

TEXTILE RESEARCH

Work of scientific research laboratories. A I Ivanov. Tekst. prom. 26 no. 3: 65-67 Mr '66.

TEXTILE WORKERS

Enthusiasm. G Gorkunov, A Frolov. Sred. spets. shkol. 13 no. 3: 50-51 Mr '66.

TEXTILE WORKERS—DISEASES AND HYGIENE see subdivision under Krasnodar

THALLIUM—THERMODYNAMICS

Thermodynamic properties of thallium. L N Larkov, V M Fat'chenko, E A Kholova. Ukr. fiz. zhur. 11 no. 2: 212-216 F '66.

THALLIUM COMPOUNDS

Isomerism of thallium selenobromides. S S Balanov, V L Rigin. Dokl. AN SSSR 167 no. 1: 80-82 Mr '66.

THALLIUM HALIDES

Interaction of thallium halides with identical halogens. S S Balanov, V L Rigin. Izv. SO AN SSSR no 11. Ser. khim. nauk no. 3: 91-91 '64.

THALLIUM SALTS

Analytical reactions of trivalent thallium with reagents containing a formazyl group. S A Lomonosov, I N Gotsova, I U A Rybakova. Zhur. anal. khim. 21 no. 2: 237-239 '66.

Spectrometric study of the interaction of thallium ions with rubenic acid. Kh. IA, Levman, L S Mikhnevich. Dokl. AN BSSR 10 no. 2: 64-67 F '66.

THALMANN, ERNST, 1890-1944

Honorary helmsman of a battleship. S Kuvalinov. Sov. voen. 48 no. 7: 28 Ap '66.

THAWING

Thaws in Bryansk, Orel, Kursk, and Belgorod Provinces. N L Kreinonakala, S F Nikitanko. Shor. snb. Kuisk. gidromet. obser. no. 3: 22-37 '66.

THEATER

(see also subdivision under Berlin, East; Chelyabinsk, Italy; Kharkov; Kirghizstan; Krasnoyarsk; Leningrad, Moldavia; Moscow; New York City; Odesa; Tallinn, Ukraine; Voronezh)

Belinskii, V G. [The theater] O teatre. Moskva, Gos. izd-vo deitskol lit-ry M-va prosv. RSFSR, 1961. 93 p. (V mire prekrasnogo) (Mdu)

Debates of the season. I U Rybakov. Teatr 26 no. 7 3-12 Ji '65.

I am in favor of synthetic theater! M Tariverdov. Teatr 27 no. 1: 75-76 Ja '66.

In small theaters. V Ryzhova. Teatr 27 no. 2: 35-37 F '66

Lunacharskaya-Rozental', N A. [Memory of the heart; reminiscences] Pamiat' sordia; vospominaniya. [Izd. 2.] Moskva, Iskustvo, 1965. 477 p.

Man, master, and searcher a review of theatrical performances. I U Zubkov. Agitator 33 no. 4: 59-61 F '66.

The real world of the young. Teatr 27 no. 1: 3-6 Ja '66.

Theatrical news. Teatr 27 no. 2: 103-120 F '66.

THEATER—ADDRESSES, ESSAYS, LECTURES

Shaw, George Bernard. [Shaw on theatre Translated from the English] O drama i teatre. Moskva, Izd-vo inostr. lit-y, 1963. 639 p. (KU)

THEATER—POLITICAL ASPECTS

In the best tradition. V. Goldobin. Teatr 27 no. 2:3-8 F '66

THEATER—PRODUCTION AND DIRECTION

[see also subdivision under Moscow, Riga; Tbilisi]

The more obstacles, the better! B. Babochkin. Teatr 27 no. 1:13-18 Ja '66.

Ones' path. M. Knebel. Teatr 27 no. 1:115-117 Ja '66

[Stage director, teacher and friend, a collection of reminiscences. Contemporaries on the work of A. D. Popov] Rezhissor, uchitel', drug, sbornik vospominaniy sovremenniki o tvorchesve A. S. Popova. Moskva, Vsesoy. teatr. ob-vo, 1966. 383 p. illus.

THEATER AUDIENCES see subdivision under Moscow

THEATERS see subdivision under Bobruysk (White Russia); Chetkassy; Moscow

THEATERS—DESIGN AND CONSTRUCTION see subdivision under Kharkov

THEATERS—STAGE SETTING AND SCENERY

To be an artist. E. Rakhina. Teatr 27 no. 1:55-60 Ja '66.

THEBAINE

Extraction of thebaine with organic solvents depending on the pH of the medium. Z. S. Roftch. Farmatsev. zhur. 26 no. 3:55-58 '65.

THEBES, GREECE—ANTIQUITIES

How a legend was confirmed. I. Katsnel'son. Ar. i Afr. seg. 9 no. 3:53-54 '66

THEODOLITES

Indicator for photographic plate pressing devices in photo-theodolite cameras. G. P. Kudravytsev. Geod. i kart. no. 2:48-50 F '66.

Quality of the graduation of circles on surveying instruments. A. V. Rytov. Geod. i kart. no. 11:14-17 N '65.

Theodolite for automatic determination of coordinates. L. P. Folevazki. Geod. i kart. no. 11:17-24 N '65.

THEOLOGICAL SEMINARIES see subdivision under Odessa

THEORY OF COMBUSTION see Combustion, Theory of

THEORY OF GROUPS see Groups, Theory of

THEORY OF KNOWLEDGE see Knowledge, Theory of

THEORY OF NUMBERS see Numbers, Theory of

THEORY OF POTENTIAL see Potential, Theory of

THEORY OF SIMILITUDE see Similitude, Theory of

THEORY OF STABILITY OF MOTION see Stability of motion, Theory of

THERAPAUTICS

Copper content in the blood serum, urine and feces of patients with epidemic hepatitis and its relation to the type of treatment. A. P. Lashova. Sov. med. 27 no. 5. 112-114 My '64.

Pressman, L. P. [Treatment of cardiac insufficiency] Lechenie serdtsheynoy nedostatochnosti. Izd. 2, perer. i dop. Moskva, Meditsina, 1966. 162 p. (Biblioteka prakticheskogo vracha) (DNLN)

Treatment of epidermophytosis with undecylenic acid in combination with almond essence and benzoic acid. G. S. Gach. Vest. dermat. i ven. no. 6:70 '65.

THERAPSIDA

Basipharyngoid articulation and Vidian canal in therapsids. L. P. Tatarinov. Paleont. zhur. no. 1:101-116 '66.

THERMAL ANALYSIS

Cd—In—As system. Kh. D. Koppel, N. P. Luzhnaia, Z. S. Medvedeva. Zhur. neorg. khim. 10 no. 10:2315-2318 O '66.

Calorimetric unit for determining the thermal effect of the reaction of fibrous materials with fluids. N. E. Karashev, N. P. Dymarchuk, K. P. Mishchenko. Trudy LITTSBP no. 16:139-144 '65.

Complex thermographic analysis of the kinetics of the formation of alkali aluminum silicates. V. D. Glukhovskii, I. I. Potrenko. Izv. vyz. ucheb. zav., i khim. i khim. tekhn. 8 no. 6:999-992 '65.

Crystallooptical and X-ray diffraction examination of the products of zinc sulfate thermal decomposition. N. P. Starkov and others. Sbor. nauch. trud. Perm. politekhn. inst. no. 10:53-56 '61.

Displacement system $AgCl + CuCl + PbCl_2 + 2Zn \rightarrow 2ZnCl_2 + Ag_2Cl + Pb$. A. P. Falkin, I. U. P. Afanogov. Zhur. neorg. khim. 11 no. 3:628-632 Mr '66.

Investigating the interaction of bismuth chloride and bromide with the corresponding potassium, rubidium and cesium halides. V. E. Piliushchev and others. Izv. vyz. ucheb. zav.; izvet. met. 9 no. 11:108-111 '66.

Kinetics of the processes of thermogalvanic corrosion and calculation of the parameters of the thermogalvanic couples. A. I. Shatalov, S. A. Kaluzhina, I. K. Marshakov. Izv. vyz. ucheb. zav., khim. i khim. tekhn. 8 no. 6:921-935 '65.

Mg_2Si-Mg_2Pb system. E. S. Makarov, A. F. Smirnov, E. B. Sokolov. Zhur. neorg. khim. 10 no. 10:2300-2303 O '65.

Measurement of the thermal effects of the reaction of ammonium persulfate $(NH_4)_2S_2O_8$ with sodium thiosulfate $Na_2S_2O_3$ at various ratio values. I. E. Fila, N. P. Dymarchuk, G. V. Karpenko. Trudy LITTSBP no. 16:79-81 '65.

Physicochemical study of $GaCl_3-MeCl$ systems. Report No. 1 Study of the binary system $GaCl_3-NaCl$ thermography and tensiometry. V. N. Arbekov, E. S. Petrov. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:55-59 '66.

Preparation and hydrolysis of alkylalkoxygermanes. G. I. Zueva and others. Izv. AN SSSR, Neorg. mat. 2 no. 2:229-230 F '66.

Study of the process of dehydration of zinc, magnesium, aluminum, zirconium, nickel hydroxides by the thermovolumetric and thermographic method. V. V. Pechkovskii, L. P. Kostin, A. G. Zvezdin. Sbor. nauch. trud. Perm. politekhn. inst. no. 10:155-159 '61.

Study of the reactivity of carbonaceous materials by means of thermography. A. N. Ketov, V. V. Pechkovskii. Sbor. nauch. trud. Perm. politekhn. inst. no. 10:65-70 '61.

Studying the corrosion of iron and its alloys in chlorine and sulfur dioxide by the thermographic method. I. K. Tommas'yan, B. S. Shevchenko, N. M. Gontmakher. Zashch. met. 2 no. 2:194-200 '66.

System $Na^+, K^+, Y^{3+} || F^-$. G. A. Buhkhalova, E. P. Babayeva. Zhur. neorg. khim. 11 no. 3:641-647 Mr '66.

Theoretical study of glass crystallization by means of the method of differential thermal analysis. A. I. Sherstuk. Opt.-mekh. prom. 33 no. 2:78-83 F '66.

Thermal decomposition of bismuth sulfate. L. V. Margulies, N. S. Gishanskina, N. I. Kopylov. Zhur. neorg. khim. 10 no. 10:2304-2309 O '65.

Thermal effects of the coking process. V. V. Kazmina, K. A. Ikhim. no. 2:10-21 '66.

Thermographic analysis of phosphorite chlorination. A. N. Ketov, V. V. Pechkovskii, L. P. Kostin. Izv. vyz. ucheb. zav., khim. i khim. tekhn. 8 no. 6:969-973 '65.

Thermodynamic analysis of reactions involved in the hydrogen reduction of the sulfates of barium, calcium, magnesium, zinc, manganese, iron. S. A. Amirova, V. V. Pechkovskii, A. N. Ketov. Sbor. nauch. trud. Perm. politekhn. inst. no. 10:38-51 '61.

Thermodynamic analysis of solid-phase reactions involved in the formation of binary compounds. N. I. Arluk. Zhur. prikl. khim. 39 no. 2:454-455 F '66.

Thermographic investigation of the photobiochemical degradation of polyethylene. R. Baitenav, E. Sakalushkene, L. A. Ignon. Dokl. AN SSSR 107 no. 1:121-123 Mr '66.

Thermography of sodium perchlorate solutions. Van Ven'st [Wang Wen-hsing], L. T. Bugenkov, V. N. Belevskii. Zhur. neorg. khim. 11 no. 3:673-675 Mr '66.

THEMAL DIFFUSIVITY

Kinetics of thermal diffusion processes in welding. V. I. A. Suvarin. Izv. vyz. ucheb. zav., mashinost. no. 12:120-134 '65.

THERMAL STRESSES

Determining thermal stresses of thin-walled systems with flexible ribs. L. A. Malashenko. Samoletost. i tekhn. vozd. flota no. 2:63-68 '65.

Failure of heat-resistant alloys under the application of 60-86 cyclic heat stress. G. S. Plarenko, N. S. Mozharovskii. Porosh. met. 6 no. 2:69-86 F '66.

Thermal stresses caused by the cooling of gas-turbine disks. M. I. Saplin. Prikl. mekh. 2 no. 3:100-110 '66.

Thermal stresses caused by the disturbance of a uniform heat flow in the vicinity of macroinclusions. I. V. Galvae. Prikl. mekh. 2 no. 2:81-90 '66.

Thermodynamic effect in calculating bars for stability. E. E. Surikova. Trudy LITTSBP, elektromekhn. inst. inzh. zhel. dor. transp. no. 10:113-120 '65.

THERMAL WATERS

(see also subdivision under Daghestan; Petropavlovsk-Kamchatskiy region)

Carbonate form of lead transportation by hydrothermal solutions. N. N. Bazanova, V. L. Barsukov. Geokhim. int. no. 9:1093-1100 S '65.

From the depths of the flaming earth interior. I. Shishkin. NTO 6 no. 2:30-33 F '66.

Using geothermal studies for the location of tectonic faults as revealed by a study made in the Solotovo and Chakhnaglyar oil field of the Azerbaijan oil- and gas-bearing region. Zh. N. Ter-Karapetians, S. F. Shabanov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5:105-112 '65.

THERMAL WATERS—CLASSIFICATION see subdivision under Russia, Northwestern

THERMIONIC EMISSION

Emission properties of the alkali earth metals hexaborides. S. V. Ermakov. Radiotekh. i elektron. 11 no. 4:774-775 Ap '66.

Energy extraction from the plasma of a thermionic converter compensated for by the diffusion of excited atoms and resonance radiation. F. G. Rukant, B. I. Mozhnev, V. I. Nemchinskii. Zhur. tekhn. fiz. 36 no. 2:324-330 F '66.

THERMISTORS

Kaspevolich, A. S. [Indirectly heated thermistors] Termistory kosvennogo podogreva. Minsk, Nauka i tekhnika, 1966. 80 p.

THERMOCHEMISTRY

Kinetics of the thermal decomposition of iron and zinc carbonates. A. G. Zvezdin, V. V. Pechkovskii. Sbor. nauch. trud. Perm. politekhn. inst. no. 10:105-110 '61.

Modification of physicochemical characteristics of solids by additions. Part 6: Role of contact phenomena in the catalysis of the thermal decomposition of solids by addition of semiconductors. I. U. A. Zakharov, G. G. Savchenko. Khim. i tekhn. 7 no. 1:55-61 Ja-F '66.

Thermochemical analysis of the polymerization of the nitrile of acrylate acid initiated by the oxidation-reduction system $K_2S_2O_8-FeSO_4$. I. E. Fila and others. Trudy LITTSBP no. 16:82-87 '65.

Thermochemical study of crystal hydrates of uranium tetrafluoride and products of their dehydration. Report No. 1. E. I. Khanaev, I. U. V. Gagarinskii. Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:63-68 '64.

Thermochemistry of the aqueous solutions of persulfate. T. V. Fomina, I. E. Fila, N. P. Dymarchuk. Trudy LITTSBP no. 16:74-78 '65.

Thermochemistry of thioxyanate tetrabutyl ammonium solutions in benzene. K. P. Mishchenko, G. M. Poltorakii. Trudy LITTSBP no. 16:140-150 '65.

Thermodynamic features of the formation of compounds in the system $FeO-TiO_2$. I. A. Novokhatskii, L. M. Konev, A. A. Savinskii. Izv. vyz. ucheb. zav.; zhurn. met. 9 no. 2:5-13 '66.

THERMOCOUPLES

Distribution of temperatures along the radius of the hearth of a blast furnace during the blowing-in of natural gas. G. A. Paney and others. Stal' 26 no. 3:206-205 Mi '66.

Equipment to measure the temperature of liquid steel over a long period of time. D. I. Uzunov and others. Ogoncupry 31 no. 3:5-8 '66.

Using thermocouples to measure the temperature of the glass batch in glass furnaces. V. M. Obuklov. Steklo i ker. 23 no. 3:36-39 Mr '66.

THERMODYNAMICS

Effect of the ambient temperature on heat resistance under conditions of complex heat transfer. V. M. Tarasovych. Dop. AN URSSR no. 1:70-76 '66.

Kutaladze, S. S. [Heat exchange and friction in a turbulent boundary layer] Teploobmen i trenie v turbulentnom pogranichnom sloye. Novosibirsk, Izd. old. Sibirkogo old-nia AN SSSR, 1964. 205 p. (NIC)

Problem concerning the filling of a variable volume with a compressible gas. V. I. Sidov. Gidromekhanika no. 2:10-18 '65.

Radechenko, I. V. [Molecular physics] Molekulyarnaya fizika. Moskva, Nauka, 1965. 470 p.

Refinement of the relationship between Gibbs' law of distribution and the first law of thermodynamics. T. M. Lavrova. Uch. zap. Kaz. gos. ped. inst. 33:18-26 '63.

Temperature field in a polymer melt flowing in an annular channel. G. A. Van Po Py, V. G. Litvinov. Gidromekhanika no. 2:48-55 '65.

Thermodynamic theory of stability and Grönlund's constant. V. K. Semenchuk, E. D. Soldatova. Zhur. fiz. khim. 40 no. 3:692-694 Mr '66.

THERMOELASTICITY

Thermoelastic problem for an infinite body having an axisymmetric fissure. N. M. Borodachev. Prikl. mekh. 2 no. 2:91-90 '66.

Thermoelastic stresses in multilayered slabs and bases. I. U. A. Shevnikov, G. A. Fent. Gidromekhanika no. 2:75-83 '66.

Two-dimensional problem of thermoelasticity for an infinite medium with a cylindrical fissure. I. A. S. Podslizgach, I. V. Galvae. Prikl. mekh. 2 no. 3:124-120 '66.

THERMOELECTRICITY

Optimum impurity distribution over the thickness of the thermoelement. D. V. Teodorovich. Izv. vyz. ucheb. zav.; fiz. 9 no. 1:33-36 '66.

THERMOMAGNETISM

Temperature dependence of the thermomagnetic effect in nickel-copper alloys. V. M. Myndyev, T. M. Iusupov. Izv. AN Turk. SSR, Ser. fiz.-tekhn. i geol. nauk no. 5:57-61 '65.

THERMOMAGNETISM (Continued)

Thermomagnetic Neinat-Ehringhausen effects in InAs-InP alloys. I.A. Agayev, O. Ismailov. Izv. AN Turk. SSR. Ser. fiz.-tekhn., khim. i geol. nauk no 6 52-56 '65.

THERMOMETERS

Characteristics of a dynamic calibration of equipment for measuring momentary temperatures of a gas flow. D. T. Simbirskii. Samoletostr. i tekhn. vozd. flota no 2 59-62 '65.

Experimental investigation of dynamic errors of a temperature pickup in measurements in unsteady gas flows. V. G. Volkov, I. P. Pelepetchenko, D. F. Simbirskii. Samoletostr. i tekhn. vozd. flota no 4 3-9 '65.

Rapid method of determining the characteristics of electric thermocouples. M. M. Dorokhov. Gidr. etiol. 36 no. 1 46-47 Ja '65.

Resistance to frequency converter for a digital thermometer. V. S. Guinikov. Trudy LPI no 258:31-33 '65.

THERMOMETRY

Temperature wire pickup in an unsteady gas flow. I. P. Pelepetchenko, D. F. Simbirskii. Samoletostr. i tekhn. vozd. flota no. 1 58-62 '65.

Use of a thermocouple in determining the parameters of a partially ionized gas. A. M. Khazen, V. A. Shuvalov. Zhur. tekhn. fiz. 36 no. 2:377-383 F '65.

Using a multipoint device for remote measurement and automatic recording of temperatures by means of semiconductor pickups. M. A. Keganov, D. A. Kurtoner. Blul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 1:39-40 Ja '66.

THERMOPLASTICS

Boundary effects in the extrusion of thermoplastics. S. I. Khas, I. F. Kanayev. Plast. massy no. 3:47-50 '66.

THERMOSETTING PLASTICS—MOLDING

Technical and economic efficiency of automatic press-molding equipment for thermosetting plastics. V. I. Rozenfeld, V. I. Ushkevich, A. N. Levin. Mekh. i avtom. proizv. 20 no. 2 43-48 F '65.

THERMOSTAT

D.c. amplifiers for temperature regulation systems of thermostats of high-stability quartz oscillators. N. V. Nikitin. Trudy Inst. Kom. stand., mer. i izm. prib. no. 77:24-32 '65.

Selecting the temperature-regulation system for thermostats of high-stability quartz oscillators. N. V. Nikitin. Trudy inst. Kom. stand., mer. i izm. prib. no. 77:16-23 '65.

THIAMINE

Further study of the possibility of converting thiochrome into thiamine in animal tissues. I. U. M. Ostrovskii, G. A. Dosta, A. I. Balakisevskii. Ukr. biokhim. zhur. 38 no. 1:39-44 '60.

THIAMINE—PHYSIOLOGICAL EFFECT

Effect of large doses of thiamine on muscular activity. A. A. Boltyrev, A. P. Rush. Farm. i toks. 29 no. 1:80-83 Ja-F '66.

THIAZOLIDINEDIONE

Series of macrocyclic derivatives of azolones. Part II: Dimethylmacrocyclic derivatives of 2-thiazolidinedione-5-one. R. A. Gershehn, Z. P. Sytnik, E. B. Lifshits. Zhur. org. khim. 2 no. 3:543-551 Mr '66.

THIAZOLINONE

Derivatives of 4(5)-oxazolone and 4(5)-thiazolone. Part 4: N-substituted cinnamoylureas and their bromocyclization. I. V. Smolanka, S. M. Khripak, V. I. Stanets. Ukr. khim. zhur. 32 no. 1:48-49 '66.

4-oxazolone and 4(5)-thiazolone. Part 5: derivatives of 4(5)-oxazolone and 4(5)-thiazolone. I. V. Smolanka, S. M. Khripak, V. I. Stanets. Zhur. 32 no. 2:202-203 '66.

UNDS

yanines from 2,3-polymethylene S. Babichev and others. Ukr. khim. 208 '66.

MENT

thickness in pipe produced by processes. V. V. Zholobov, K. A. d. 39 no. 2:89-71 F '66.

On the nuclear magnetic resonance a. S. A. Spektor. Trudy LPI

TOGRAPHY

matography in the analysis of interstitial synthesis. E. O. Turgeev, Zhur. anal. khim. 21 no. 2:245-248

oric acid esters. V. A. Dorokhov, AN SSSR, Ser. khim., no. 2:364-

thio. B. M. Mikhailov, V. A. Zhev. Izv. AN SSSR, Ser. khim.,

THIOCHROME

Further study of the possibility of converting thiochrome into thiamine in animal tissues. I. U. M. Ostrovskii, G. A. Dosta, A. I. Balakisevskii. Ukr. biokhim. zhur. 38 no. 1:39-44 '60.

THIOCYANATES

Behavior of ThCl_4 and formation of thiocyanate complexes of thorium in nonaqueous solutions. A. M. Golub, V. A. Kalibabchuk, Zhur. neorg. khim. 11 no. 3:590-598 Mr '60.

Complexing in the system niobium (V)-diethylmethylmethane-thiocyanate ion. A. K. Babko, M. M. Tananai. Zhur. neorg. khim. 11 no. 3:510-554 Mr '65.

Configuration and properties of unsaturated compounds and their derivatives. Part 17. Thiocyanation of erucic and brassidic acids and their esters. A. K. Plisov, V. I. Lakizo, Zhur. org. khim. 2 no. 3:402-406 Mr '66.

Dissociation of a diethylmethylmethane-thiocyanate complex of molybdenum (V) in dichloroethane. A. K. Babko, M. M. Tananai, M. G. Gnilchikova. Ukr. khim. zhur. 32 no. 2:125-130 '66.

Effect of tungsten on the determination of molybdenum by the thiocyanate method. V. K. Petrokhov, L. I. Lebedeva. Zhur. anal. khim. 21 no. 2:182-186 '60.

Interrelationship between urea and molten sodium and ammonium thiocyanates. A. G. Bergman, A. K. Nestorova. Shor. nauch. rab. Volg. gos. ped. inst. no. 1: 16-22 '64.

Ternary system from urea and sodium and potassium thiocyanates. A. G. Bergman, A. K. Nestorova. Shor. nauch. rab. Volg. gos. ped. inst. no. 1:8-15 '64.

Thiocyanate-containing complex compounds. K. R. Manolov. Zhur. neorg. khim. 11 no. 3:684-686 Mr '65.

THIONYL CHLORIDE

Aryliminothionyl chlorides. E. S. Levchenko, I. E. Sheinkman. Zhur. ob. khim. 36 no. 3:426-432 Mr '66.

THIOPHENE

Preparation of sulfolane (hydrogenation of sulfolene). A. V. Maehkina, A. E. Makova, I. U. A. Savosin, Neftokhimiya 5 no. 4:683-688 Il-Ag '65.

THISTLE

Materials on the characters of pollen of the genus Cirsium Mill. L. S. Situpa. Zash. po elat. i geog. rast. no. 25:69-82 '65.

THISTLE, CANADA

Canada thistle and its control. A. F. Khorchelev. Shor. nauch.-issl. Nauch.-issl. inst. zem. no. 2:13-23 '61.

THIURAM DISULFIDE—PHYSIOLOGICAL EFFECT

Effect of tetramethylthiuram disulfide (thiuram) and diphenylguanidine on bile secretion of the liver. I. U. A. Burov. Farm. i toks. 27 no. 6:714-718 N-D '64.

THORIUM see subdivision under Balkhash Lake region

THORIUM CHLORIDES

Pressure and composition of vapor in the system KCl-ThCl_4 . Su Mian-tsen [Su Mian-tseng], G. I. Novikov. Zhur. neorg. khim. 11 no. 3:408-503 Mr '60.

THORIUM COMPOUNDS

Behavior of ThCl_4 and formation of thiocyanate complexes of thorium in nonaqueous solutions. A. M. Golub, V. A. Kalibabchuk, Zhur. neorg. khim. 11 no. 3:590-598 Mr '60.

THORIUM NITRATES

Mutual effect of uranyl nitrate and thorium nitrate in a simultaneous extraction with tributyl phosphate. A. V. Nikolaev, A. I. Rabinin, I. U. A. Afanas'ev. Izv. SO AN SSSR no. 11, Ser. khim. nauk no 3 60-62 '64.

THORIUM SULFATE

Trisulfate compounds of thorium. A. K. Molodkin, G. A. Skolnikova, O. M. Ivanova, Zhur. neorg. khim. 10 no. 10:2243-2253 O '65.

THOUGHT AND THINKING

Communicative significance of grammatical categories. A. L. Losev. Uch. zap. MGPI no. 234:106-231 '65.

THREAD

Peroxide bleaching of cotton sewing thread on bobbins. E. N. Golovanov. Tekst. prom. 2 no. 3:80-81 Mr '66.

THRESHING

Theory of the threshing of castor beans. A. A. Rol. Trakt. i sel'khozmasl. no. 3:31-33 Mr '60.

THRIPS see subdivision under Crimea

THROMBIN—PHYSIOLOGICAL EFFECT

Changes in the fibrinogen concentration in the blood following an intravenous introduction of thrombin in dicoumarin-fed animals. M. D. Ushakova, Blul. ekrep. biol. i med. 61 no. 1:46-48 Ja '66.

THROMBOELASTOGRAPHY

Coagulating property of the blood in thrombotic fever according to data of biochemical and thromboelastographic research. T. P. Kuchanova. Sov. med. 20 no. 2:16-20 I '66.

THROMBOEMBOLISM

Some problems of the clinical aspect and treatment of patients with acute disorders of mesenteric circulation. V. D. Fedorov, V. O. Kononov, I. N. Ledneva, Khirurgiya 12 no. 3 49-55 Mr '66.

THROMBOPHLEBITIS

Surgical treatment of subcutaneous thrombophlebitis of the subcutaneous veins of the lower extremities. G. N. Saitkin. Sov. med. 29 no. 2:103-101 F '66.

THROMBOSIS

Prevention of thrombosis of extracardiac vascular anastomoses in patients with congenital heart defects during the postoperative period. A. N. Kaidash, M. I. Titova. Eksp. khim. i med. no. 1 62-66 '65.

THULIUM ISOTOPES

The decoupling parameter in Th isotopes. V. Felflik. Izv. AN SSSR, Ser. fiz. 40 no. 3:501-503 Mr '66.

THUNDERSTORMS see subdivision under Brazil;

Tukey Island

THYMIDYLIC ACID

Synthesis and properties of thymidyl-(P+N)-phenylalanines. V. A. Bakanova, Z. A. Shibaeva, M. A. Prokofiev. Khim. prirod. soed. 2 no. 1:35-30 '66.

THYMOL

Stereoregulated hydrogenation of thymol. N. F. Kolygova, L. A. Khelits, A. A. Epikhina. Zhur. prikl. khim. 30 no. 2:168 F '66.

THYMUS GLAND

Experimental data on the state of the thymus in acute radiation sickness. V. V. Kholin. Radiobiologiya 6 no. 1: 65-60 '66.

Restoration of the chick thymus lymphoid tissue following whole-body and local X-ray irradiation. I. U. P. Chussar, Radiobiologiya 6 no. 1:50-54 '66.

THYMUS GLAND—SURGERY

Effect of thymectomy and introduction of large doses of cortisone on the taking of thymoid homotransplants in mice of pure strains. B. F. Shadrin. Blul. ekrep. biol. i med. 61 no. 1:69-72 Ja '66.

Thymectomy in chickens. V. I. Georgievskii. Fiziol. zhur. 62 no. 3:313-316 Mr '66.

THYRATONS

Cherchvichuk, I. K. [Glow discharge devices in computer technology] Pribury tshuvahelogo razvazh v vychislitel'noi tekhnike. Moskva, Energiya, 1964. 68 p. (CSMOR)

Study of the operation of cold-cathode thyratrons in protective circuits of electric locomotives. A. F. Gikis, V. G. Timurdzhil. Izv. vuz. ucheb. zav. i elektromekh. 0 no. 3:279-282 '60.

THYROID GLAND

Changes in the functional state of the thyroid gland in experimental fractions and immobilization. V. M. Gordienko. Klin. khir. no. 4:26-31 '65.

Effect of dipin on the absorption of radioactive iodine by the thyroid gland in rats. S. M. Volodarskaya, V. A. Chernov. Vop. onk. 12 no. 3:60-63 '66.

Histological and functional changes in the ovaries and thyroid gland of guinea pigs after the injection of pregnant mare's serum and blood. G. A. Cheremisinov. Veterinarlia 42 no. 1:66-72 Ja '66.

Study of the thyroid gland and hypophysis in rats following the administration of radioactive iodine of varying doses. V. Pantie, N. Stosio. TSitologiya 8 no. 1:17-23 Ja-F '65.

THYROID GLAND—ABNORMALITIES AND DEFORMITIES

Editor of the aberrant lateral thyroid glands and its surgical treatment. D. F. Skripchenko and others. Klin. khir. no. 4:3-9 '65.

THYROID GLAND—BLOOD SUPPLY

Age-related changes in the arteries of the human thyroid gland. N. B. Likhacheva. Shor. nauch. rab. vrachei Kar. ASSR no. 4:160-171 '62.

THYROID GLAND—CANCER

Cancer of the thyroid gland in children and young persons: morphological study. M. I. Goltshtein. Vop. onk. 12 no. 2:38-43 '66.

Prop. R. M. [Clinical aspects and treatment of malignant tumors of the thyroid gland] Klinika i lechenie zlokshestvnykh opukhotov shchitovidnoi zhelezhy. Moskva, Meditsina, 1966. 162 p. (DNLM)

THYROID GLAND—DISEASES

Effect of a perinatal hypothyroidism on the transformation of carotene into vitamin A in monkeys
IU, M. Z. d. s. k. u. Vop. med. khim. 12 no. 1:51-57
Ja-F '66.

Effect of hypothyroidism and hyperthyroidism on the content of 17-hydroxycorticosteroids in the urine and blood. I. P. Mal'evskaya. Fiziol. zhur. [Ukr.] 12 no. 1:81-86 Ja-F '66.

Juice of the fruit of the Japanese persimmon (Eudiodora kiki) R. K. Alev and others. Apt. delo 14 no. 3:52-53 My-Je '65

Specific thyroiditis in a syphilitic woman. G. I. A. S. I. a. p. a. O. E. Khononova. Sov. med. 27 no. 5:120-122 My '64.

THYROID GLAND—SURGERY

Activity of conditioned response in intact and thyroidectomized rats. M. V. Makatenko. Fiziol. zhur. [Ukr.] 12 no. 1:79-83 Ja-F '66.

Emergency surgery in nodular forms of goiter. A. N. Lul'ka. Klin. khir. no. 4:9-11 '65

Goiter of the aberrant lateral thyroid glands and its surgical treatment. D. I. Skripchenko and others. Klin. khir. no. 4:3-9 '65.

Local potentiated anesthesia in operations for thyrotoxic goiter. A. N. Tschirajus, A. N. Strichukovskii, G. V. Sorokin. Klin. khir. no. 1:19-26 '65.

New supporting device used in thyroid surgery. B. V. Anikandrov, O. M. Buntimov. Klin. khir. no. 4:84-86 '65.

Results of 1200 operations performed for goiter. E. M. Bozoyev. Khirurgia 42 no. 3:99-103 M. '66.

Role of antithyroid drugs in the preoperative preparation of patients with thyrotoxicosis. D. A. Makin, S. R. Baivinskii, V. M. Ulin. Klin. khir. no. 4:11-14 '65.

Some problems concerning surgery for Basedow's goiter. H. A. Telkov. Klin. khir. no. 4:14-19 '65.

THYROID GLAND—TRANSPLANTATION

Effect of thyrectomy and introduction of large doses of cortisone on the taking of thyroid hormone implants in mice of pure strains. L. P. Shadin. Biol. eksp. biol. i med. 61 no. 1:69-72 Ja '66.

THYROID GLAND—TUBERCULOSIS

Observation of tuberculosis of the thyroid gland. IU. D. Tolopov, E. E. Fainikant. Klin. khir. no. 4:81-83 '65.

THYROID HORMONES

Participation of trace elements in the biosynthesis of the hormones of the thyroid gland. V. V. Kovalevskii, M. I. Gustin. Vest. sel'khoz. nauk 11 no. 3:77-80 M. '66.

TIBETAN COINS see Coins, Tibetan

TICKS

(see also subdivision under Leningrad Province, Moldavia)

Changes in the chitinous integument of the tick Rhipicephalus bursa Cn. et Fanz. 1877, under the influence of DDT and hexachloran. V. A. Musatov. Trudy Mosk. vel. skad. 22 no. 2:146-151 '58.

TIDES

(see also subdivision under Yellow Sea)

Darwin, Sir George Howard. [The tides and kind of phenomena in the solar system. Translated from the English.] Priliv i rodatvennye im javleniya v Solnechnoi sisteme. Izd. 2., Moskva, Nauka, 1965. 250 p. (CLU)

Experience in studying a lunar nine-day tide in the Arctic. Probl. Arkh. i Antark. no. 21:93-96 '65.

Long-period lunar-solar tides in the ocean. I. V. Maksimov. Okeanologiya 8 no. 1:26-27 '66.

Solar semiannual tide in the world ocean. I. V. Maksimov. Probl. Arkh. i Antark. no. 21:11-18 '65.

TIENTSIN—RADIO RELAY SYSTEMS

Radio relay line through Tientsin. A. Grif. Radio no. 2:13-14 F '66.

TIFLIS—CONCRETE PLANTS—LABOR PRODUCTIVITY

Technology of making reinforced concrete foundation plates in the Tiflis plant of reinforced concrete products. M. A. Ordell, R. I. Gerkerov. Energ. stroi. no. 5:85-88 '65.

TIFLIS—PRECAST CONCRETE

Technology of making reinforced concrete foundation plates in the Tiflis plant of reinforced concrete products. M. A. Ordell, R. I. Gerkerov. Energ. stroi. no. 5:85-88 '65.

TIFLIS—THEATER—PRODUCTION AND DIRECTION

The wisdom of invention. Lana Garon. Teatr 27 no. 1:118-120 Ja '66.

TIFLIS REGION—PHYSICAL GEOGRAPHY

Kavtchik, K. Y. [Physical-geographical characteristics of the environs of Tiflis] Fiziko-geograficheskie kharakteristika okrestnostei Tbilisi. Tbilisi, Metsnereba, 1965. 151 p. illus.

TIGERS see subdivision under Far East

TIKHOMIROV, MIKHAIL NIKOLAEVICH, 1893-1965

In memory of Academician M. N. Tikhomirov. A. I. Rogov. Sov. arkhiv. 10 no. 2:3-9 '66.

TIKHVIN DISTRICT—ENGINEERING GEOLOGY

Characteristics of Lower Carboniferous rocks in the central part of the Tikhvin mining region from the viewpoint of engineering geology. V. N. Novozhilov. Zap. LGI 18 no. 2:121-133 '65.

TILLAGE

(see also subdivision under Armenia, Kazakhstan, Lugansk Province, Perm Province, Rybinsky District)

Attachment for tilling seedbed slopes. V. P. Frolov, V. P. Shishkin. Trakt. i sel'khoz. mash. no. 3:39-49 M. '66.

Biological activity of soil and the rate of manure decomposition as related to the depth of tillage. V. A. Charyshov. Vest. sel'khoz. nauk 10 no. 6:45-47 Ja '65.

Characteristics of cultivation practices. A. I. Baev. Zemledelie 28 no. 1:32-33 Ja '66.

Effect of intertillage on the development of the root system and the yield of corn in the southern Ukraine. V. E. Kazakov, A. V. Tikhonov. Dokl. Akad. sel'khoz. nauk no. 2:2-5 F '66.

Effect of strip subsoiling on solid and liquid runoff from turf-Podzolic soils. D. U. Likhachev. Pochvovedenie no. 3:42-45 M. '66.

Effect of the methods of growing grain crops on the harmfulness of the barley fruit fly Cebicella pusilla. L. G. Matla. Vest. sel'khoz. nauk [Kazakh] 9 no. 2:31-36 F '66.

Effect of various methods of tillage on the yield and vulnerability of cotton to wilting. K. A. Karapetian. Shri. nauch.-trud. Nauch.-issl. inst. zem. no. 2:155-161 '61.

Friction of the sliding of soil on metallic and plastic surfaces. P. D. Nikiforov, M. I. Biedun. Vest. sel'khoz. nauk 10 no. 7:112-116 J. '65.

Furrowing for controlling dust storms. L. F. Gossen. Zemledelie 28 no. 2:27-28 F '66.

Tillage of soil for rice planting. I. Nedil'ko, F. Kanatov. Tekh. v sel'khoz. 26 no. 2:17-18 F '66.

Tilling stubble fields before sowing. P. P. Kolinnikov, M. K. Suleimenov. Vest. sel'khoz. nauk 10 no. 7:83-80 J. '65.

Use a combination of cultivation practices intelligently. M. Terziev. Zemledelie 28 no. 2:35-37 F '66.

TILLAGE—EQUIPMENT AND SUPPLIES

Attachment for tilling seedbed slopes. V. Frolov, V. Shishkin. Tekh. v sel'khoz. 26 no. 2:50-51 F '66.

EM-12 electric hand hoe. A. Krut'kov. Tekh. v sel'khoz. 26 no. 2:40-50 F '66.

Methods for experimental study of the power expenditure of tilling machinery. V. S. Surtlov. Nauch. trudy SibVM no. 2:217-228 '64.

Podlasek, D. M. [Adjusting and regulating tillage machinery] Nastroika i regulirovka pochvoobrabatyvayushchikh mashin. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1963. 47 p. (V pomoshch' molodomu mekhanizatoru)

[DNAL MICROFILM]

Study and justification of the parameters and operating conditions of row crop rotary cutters. B. D. Dorin. Nauch. trudy SibVM no. 2:203-216 '64.

TILLAGE—MATHEMATICAL MODELS

Modeling the performance of farming units on an electronic computer. M. P. Sergeev and others. Vest. sel'khoz. nauk 10 no. 6:34-37 Je '66.

TIMAN RANGE REGION—ROCKS, SEDIMENTARY—ANALYSIS

Zav'yalov, V. A. [Geochemistry and microelements of the Domanic sediments in the southern part of the Timan Range region] Geokhimiya i mikroelementy domanskoykh otlozhenii Iuzhnogo Prityman'ia. Moskva, Nauka, 1966. 155 p.

TIMAN RANGE REGION—TRACE ELEMENTS

Zav'yalov, V. A. [Geochemistry and microelements of the Domanic sediments in the southern part of the Timan Range region] Geokhimiya i mikroelementy domanskoykh otlozhenii Iuzhnogo Prityman'ia. Moskva, Nauka, 1966. 155 p.

TIME MEASUREMENTS

Design, manufacture, and investigation of the VNIIFTRI quartz clock. V. N. Tihov. Trudy Inst. Kom. stand., mer. i izm. prib. no. 77:5-15 '65.

Forrite translator frequency dividers for quartz clocks. S. V. Shustrov. Trudy Inst. Kom. stand., mer. i izm. prib. no. 77:33-36 '65.

Use of the reference point of cesium in the time service. E. M. Zemakov, V. I. Sachkov. Trudy Inst. Kom. stand., mer. i izm. prib. no. 77:72-75 '65.

TIME MEASUREMENTS—STUDY AND TEACHING

Participation of students in the study of the topic "Time measurement." E. N. Tikhonova. Nach. shk. 31 no. 3:29-34 M. '66.

TIME SIGNALS

Errors in the reception of precise time signals connected with the propagation time of radio waves. N. A. Tikhovskii. Trudy Inst. Kom. stand., mer. i izm. prib. no. 77:82-88 '65.

TIME STUDY

Daily work schedule. G. Okun'. Sels. trud 11 no. 3:79-85 M. '66.

Momentary-sampling observations. I. Fedotov. Vest. stat. no. 3:31-33 '66.

TIN

Using the electrolysis method for obtaining metallic tin. N. Rudakova. Mias. ind. SSSR 37 no. 1:37 '66.

TIN CANS

Notes for solder consumption in soldering tin cans. V. Ochkov. Mias. ind. SSSR 37 no. 1:26 '66.

TIN COMPOUNDS

Mechanism of photoinitiated oxidation of hexamethyltin by oxygen. IU. A. Aleksandrov, B. A. Radhil'. Zhur. obshch. khim. 36 no. 3:543-547 M. '66.

TIN COMPOUNDS—SPECTRA

Infrared absorption spectra of coordination compounds of Sn (IV) with aliphatic diamines. D. S. Sakenova, T. N. Sunarokova, M. I. Usenovich. Izv. AN Kazakh. SSR. Ser. Khim. nauk 14 no. 3:17-26 Ji-S '64.

TIN-IRON ALLOYS see Iron-tin alloys

TIN ORGANIC COMPOUNDS see Organotin compounds

TIRE BEADS

New method of the design for strength of tire beads. G. A. Vuteller. Kauch. i rez. 25 no. 2:20-34 '66.

TIRE INDUSTRY—EQUIPMENT AND SUPPLIES

Improved SPDP-61 tire assembly unit. N. A. Avvakumov, V. D. Alekshin, V. P. Nikitin. Kauch. i rez. 25 no. 2:42-43 '66.

TIRES, RUBBER

Pay more attention to tires. N. Bondarenko. Tekh. v sel'khoz. 26 no. 3:72-73 M. '66.

Vulcanization of tire tubes by the heat of exhaust gases. M. Zharov. Tekh. v sel'khoz. 26 no. 2:78 F '66.

TIRES, RUBBER—MAINTENANCE AND REPAIR

Overall mechanization and automation of tire mounting. G. Glazunov, V. Vitkovich, P. Horisenko. Avt. transp. 44 no. 2:24-25 F '66.

TIRES, RUBBER—REPAIRING

Technical maintenance of tires. I. Ermakov. Tekh. v sel'khoz. 26 no. 1:84-88 Ja '66.

TIRES, RUBBER—RETIREADING AND RECAPPING

Tread playing-up in the retreading. F. K. Miller. Kauch. i rez. 25 no. 2:10-41 '66.

TIRES, RUBBER—TESTING

Studying the road grip of passenger car tires. M. A. Parshin and others. Kauch. i rez. 25 no. 3:30-34 '66.

Wear resistance of tire tread rubber made from stereoregular rubber. V. F. Evslov and others. Kauch. i rez. 25 no. 2:9-14 '66.

TISSUE CULTURE

Cell cultivation in a suspension culture. IA. V. Dobrynin. TSitologiya 8 no. 1:3-17 Ja-F '66.

Cells of the human sarcoma in vitro. IU. T. Blok, IU. E. Berezov. Arkh. pat. 28 no. 1:20-25 '66.

Changes in hereditary properties of Newcastle disease virus in the course of passages in the tissue culture at lower temperature. S. G. Markushin, IU. Z. Gendron. Genetika no. 1:199-198 Ja '66.

Characteristics of a type of variability of so-called cellular lines. R. P. Dirlugan, M. S. Benumovich. Vop. onk. 12 no. 3:43-49 '66.

Effect of deoxyribonuclease I and phosphodiesterase of the snake venom on living cells of the strain Hep-2. I. S. Gubenko. TSitologiya 8 no. 1:110-114 Ja-F '66.

Simplified method for the trypsinization and cultivation of single-layer tissue cultures of rabbit kidneys. I. S. Kuchmasov, N. S. Udlina. Veterinaria 42 no. 1:22-24 Ja '66.

TISSUES

Further study of the possibility of converting thiochrome into thiamine in animal tissues. IU. M. Ostrovskii, G. A. Dorst, A. I. Balakievskii. Ukr. biokhim. zhur. 38 no. 1:39-44 '66.

TISSUES—TRANSPLANTATION see Transplantation of organs, tissues, etc.

- TITANITE** see subdivision under Kazakhstan
- TITANIUM**
(see also subdivision under Tuva A S S R)
Deposition of copper and silver galvanic coatings on titanium N. A. Marchenko, I. N. Gludskii Izv. vuz. ucheb. zav., khim. i fiz. tekhn. 8 no. 6 570-582 '65
Titanium in the national economy N. M. Inform. biul. VD Khim. no. 15 Ja '66
- TITANIUM--ANALYSIS**
New oscillographic polarographic method for the determination of titanium P. M. Kovalenko, E. G. Ignatenko Upr. khim. zhur. 32 no. 2 213-216 '66
Rapid spectrophotometric determination of titanium by means of titanipyruthane and tartaric acid V. I. Lazareva, A. I. Lazarev, Zhur. anat. khim. 21 no. 2 172-175 '65
- TITANIUM ALLOYS--HEAT TREATMENT**
High-strength titanium alloys V. N. Molisev, S. G. Glazunov, B. M. Mikhailov, Tsvet. met. 30 no. 2 100-82 '66
- TITANIUM ALLOYS--METALLOGRAPHY**
Effect of structure on the strength of extruded rods of the VT3-1 alloy L. A. Etagina, A. A. Gel'man Tsvet. met. 30 no. 1 78-83 Ja '66
Studying metastable β -alloys of the system Ti - Mo - Fe - Al N. V. Agoev and others, Izv. AN SSSR, Met. no. 1 138-148 Ja-F '66
- TITANIUM ALLOYS--TESTING**
Stress relaxation of titanium alloys depending on hot forming conditions G. I. Arkovets and others, Metalloved. i term. obr. met. no. 3 60-62 Mi '66
- TITANIUM ALLOYS--THERMAL PROPERTIES**
Determining heat-resistant properties of titanium alloys O. N. Andreev, I. I. Kornilov, T. T. Nartova, Metalloved. i term. obr. met. no. 3 36-38 Mr '66
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X-ray study of the atomic scattering of components and defects of the structure of titanium carbide M. P. Arbutov, B. V. Khaenko Porosh. met. 6 no. 3 84-70 Mr '66
- TITANIUM CHLORIDES**
Physicochemical study of titanium halides Part 1. G. P. Luchinskii, Zhur. fiz. khim. 40 no. 3 593-598 Mr '66
Purification of vanadium oxychloride from titanium tetrachloride and other impurities by rectification L. A. Nisenzon and others, Izv. AN SSSR, Met. no. 1 61-70 Ja-F '66
System $TiCl_3-HCl$ - tributyl phosphate V. N. Starilev, E. I. Kiylov, I. A. Koz'min Zhur. neorg. khim. 10 no. 10 2367-2371 O '65
- TITANIUM-COBALT-ALUMINUM ALLOYS--METALLOGRAPHY**
Phase equilibrium in the system Ti - Co - Al V. Ia. Mankiv, Izv. AN SSSR, Met. no. 1 155-158 Ja-F '66
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Complex formation in the systems titanium (IV) - pyrocathecol - pyridine derivatives S. Ia. Shnaiderman, E. N. Kntazeva, Ukr. khim. zhur. 32 no. 2 110-124 '66
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Chemical modification of the surface of titanium dioxide by normal aliphatic alcohols A. A. Ishtikian, E. V. Ushakov, Lakokras. mat. i kh. prim. no. 1 20-23 '66
Effect of electrolyte additives on the stability of titanium dioxide hydrodispersions V. L. Makst'mov and others, Lakokras. mat. i kh. prim. no. 1 20-27 '66
Effect of polystyrene latex of different sodium oleate content on coagulation structure in titanium dioxide suspensions N. A. Shabanova, E. M. Aleksandrova, Koll. zhur. 28 no. 1 139-141 Ja-F '66
Low-temperature emission from titanium dioxide A. V. Pamfilov and others, Ukr. khim. zhur. 32 no. 2 144-147 '66
Preparing titania-zirconia sands containing humic substances for flotation S. A. Babenko, F. G. Prokopenko, A. F. Pleshkova Izv. vuz. ucheb. zav.: gor. zhur. 3 no. 1 161-163 '62
- TITANIUM OXIDES--CONGRESSES**
Conference on the Technology of Production of Titanium Dioxide, Ukr. khim. zhur. 32 no. 2 224-225 '66
- TITANIUM SALTS**
Kinetics and mechanism of hydrolysis of titanium (IV) hydrochloric acid solutions N. K. Bulatov, S. G. Mokrukhin, Zhur. neorg. khim. 11 no. 3 468-474 Mr '66
- TITMICE**
Orientation of the great titmouse in winter L. A. Smogorzhevskii, Zool. zhur. 45 no. 1 147-148 '66
- TITOV, GERMAN STEPANOVICH, 1935**
FRIENDSHIP OF THE EAST TO AGRICULTURE No. 2 M. Rebrov, Av. i Prom. 44 no. 5 81-85 '62
- TITRATION**
Using the method of titration "without a buret" in the complexometric microdetermination of calcium and magnesium in hides and leather V. A. Dukhota, P. N. Fedoseev Izv. vuz. ucheb. zav., tekhn. log. prom. no. 1 78-82 '66
- TIUKIN, VLADIMIR**
Vladimir Tiukin, IU, Smelkov, Tenr. 27 no. 1 100-100 Ja '66
- TOBACCO--GENETIC RESEARCH**
Cytological study of the tobacco tissue culture Z. B. Shamina, R. G. Butenko, V. A. Tarasov, Genetika no. 1 10-16 Ja '66
- TOBACCO--RESEARCH** see subdivision under Krasnodar
- TOBACCO INDUSTRY** see subdivision under Alma-Ata Province
- TOBACCO MOSAIC VIRUS**
Microstreaming induced by ultrasonic waves in plant cells containing inclusions of tobacco mosaic virus M. I. Gaidin, I. M. Faltin, I. E. Fofinor, Dokl. AN SSSR 166 no. 5 1221-1222 F '66
- TOILET PREPARATIONS**
(see also subdivision under Moscow)
Bentonite gel as a glycerin substitute in tooth pastes D. P. Salo and others, Farmats. zhur. 70 no. 4 24-27 '65
- TOKYO--OLYMPIC GAMES**
[Olympic year: Innsbruck 1964, the ninth winter Olympic games, Tokyo 1964, the eighteenth summer Olympic games] God Olimpiadki: Instruktsii 1964 devinyo zimnye Olimpiadskie igry; Tokko 1964 vosenmnadtsatyo letno Olimpiadskie igry, Moskva, Fizkul'tura i sport, 1965, 481 p. illus.
- TOKYO--PROSTITUTION**
"The night moths" of Tokyo, G. Svetlov, Az. i Afr. obozr. 9 no. 3 14-15 Mr '65
- TOLERANCE (ENGINEERING)**
Allowances for plastic parts, IU, A. Vorob'ev, Sbor. trud. MVTU no. 2 3-7 '62
Comparative evaluation of the 7062-54 state standard with analogous foreign standards, S. N. Kobzeva, Kuz. i mashin. protzv. 8 no. 2 11-13 F '66
Evaluation of the principal tolerances in methods of calculating percolation in hydraulically affiliated multilayer horizontal strata, S. N. Nomerov, R. M. Barshegjan, Izv. VNIIG 70 242-254 '65
Structure of tolerances and the control of the dimensions of exterior wall panels, I. Zhodzishskii, A. Utimov, Zhil. stroit. no. 2 21-23 '66
- TOLKACHEV, Z.**
Striking effect of art. Iurii Vladimirov, Otkryt. 42 no. 4 178-180 Ap '66
- TOLSTOI, LEV NIKOLAEVICH, 1828-1910**
Golubkov, V. V., and S. M. Petrov, eds. [L. N. Tolstol in school] Tolstol v shkole, Moskva, Prosveshchents, 1965, 397 p.
L. N. Tolstol and White Russian culture; history of White Russian literary and cultural contacts with Russia, I. S. Bas, Vest. AN SSSR, Ser. literat. i iskus. no. 1 93-101 '66
[Tolstol as editor, publication of works edited by L. N. Tolstol] Tolstol - redaktor: publikatsii redaktorskikh rabot L. N. Tolstogo, Moskva, Kniga, 1965, 328 p.
- TOLOUENE**
Equations for the kinetics of toluene alkylation by ethylene on an aluminosilicate catalyst at atmospheric pressures G. M. Panchenko, I. M. Koleznikov, E. A. Morozov, Zhur. fiz. khim. 40 no. 3 528-530 Mr '66
- TOLUENE--THERAPEUTIC USE**
Toxic, chemotherapeutic, and regenerative properties of the preparation TNT under experimental conditions V. D. Makeev, Vest. dermat. i ven. no. 6 35-39 '65
- TOMATOES--FERTILIZERS AND MANURES**
(see also subdivision under Alma-Ata Province)
Nutrient solutions for growing tomatoes on artificial substrates E. A. Aliev, Agrokhtimika no. 3 95-102 Mr '66
- TOMATOES--PRUNING**
Effect of severe pinching back on some economic indices of the Argava 48 tomato variety E. A. Govorkina, G. G. Khachirjan, Sbor. nauch. i trud. Nauch. i tekh. inst. zem. no. 2 85-93 '61
- TOMATOES--VARIETIES** see subdivision under Argentina, Australia
- TOMATOES, CANNED**
Concentrate the production of tomato seeds in the r. r. material zones of canneries N. S. Kostin, Koms. i ov. prom. 21 no. 4 13-14 Ap '66
- TOMES** see subdivision under China Province
- TOMME (ESTONIA)**
A little life in the work M. I. Lebedev, Kiy. i od. 17 no. 4 20-10 Ap '66
- TOMME (ESTONIA)--AIRCRAFTS--MODELS**
A little life in the work M. I. Lebedev, Kiy. i od. 17 no. 4 20-10 Ap '66
- TOMSK--BANKS AND BANKING--STUDY AND TEACHING**
Ties of teaching with practice V. Barnashov, Dn. i kuz. 34 no. 3 60-67 Mr '66
- TOMSK PROVINCE--AGRONOMICAL SPORTS**
Men of Tomsk again spread their wings I. I. Mironov, Kiy. i od. 17 no. 3 19-20 Mi '66
- TOMSK PROVINCE--AGRICULTURAL MACHINERY--MAINTENANCE AND REPAIR**
Improve the system of technical maintenance A. Kirgizodskii, Tekhn. i sov'khoz, 26 no. 3 47-49 Mi '66
- TOMSK PROVINCE--COOPERATIVE SOCIETIES**
Highly developed sense of duty G. I. Mel'nikov, Sov. puti ch. koop. 10 no. 1 10-12 Mi '66
- TOMSK PROVINCE--FUR TRADE**
What hinders the increase in the output of pelts A. Vedenikov, Sov. puti ch. koop. 10 no. 1 11-13 Mi '66
- TOMSK UNIVERSITY--BIBLIOGRAPHY** see Bibliography--Tomsk University
- TONGUE--(TONGUE) SUPPLIES**
Koburina, T. L. [Arteries of the tongue] Arterii iazyka Tbilisi, Meditsina, 1965, 72 p.
- TONGUE--DISEASES**
Case of intralingual hemorrhage in hypertension Z. P. Stopanova, I. A. M. Ruzgaev, Sbor. nauch. i trud. vrazh. bol. Kar. ASSR no. 4 187 '62
- TONKIKH, ANNA VASIL'EVNA, 1880-**
Anna Vasil'evna Tonkikh on her 80th birthday and 80th anniversary of pedagogical and civic activity I. I. I. zhur. 32 no. 3 320-327 Mr '66
- TONKIN, GULF OF--FISHES**
Electric rays of the genus *Raichia* Honda (Torpedinidae) of the Gulf of Tonkin L. N. Bonchukov, Zool. zhur. 45 no. 1 77-82 '66
- TONSILS--DISEASES**
Tonsils in the diagnosis and treatment of angina V. I. Tarasov, Sov. med. 20 no. 1 61-65 Ja '66
Excretion of 17-ketosteroids with the urine in chronic tonsillitis V. Z. Pukhin, Sbor. nauch. i trud. vrazh. bol. Kar. ASSR no. 1 134-135 '62
- TOPCHIEV, ALEKSANDR VASIL'EVICH, 1907-1962**
In memory of A. V. Topchiev, N. N. Bonenkov, Vest. AN SSSR 36 no. 2 107 F '66
- TOPOGRAPHIC MAPS**
Topographic use of aerial color photogrammetry in the U. S. S. R. L. M. Gol'dman, Geod. i kart. no. 11 41-47 N '65
Using plastins in the renovation of topographic maps K. A. Bedenko, Geod. i kart. no. 11 55-57 N '65
- TOPOGRAPHICAL SURVEYING**
Changes introduced into the "Instructions on topographical surveying on a 1:10000 and 1:25000 scale." Part 1, 1964, Geod. i kart. no. 2 50-54 F '66
- TOPOLOGY**
An algorithm for solving the problem of the maze in a discrete field and its applications G. G. Riabov, Vest. AN SSSR 166 no. 5 1073-1076 F '66
Extensions and adjuncts of finite order of perfectly regular spaces Kh. N. Maslaido, Dokl. AN SSSR 166 no. 5 1043-1045 F '66
Locally plane imbeddings of codimension 1, I. D. Glushkin, Sib. mat. zhur. 7 no. 1 217-220 Ja-F '66
Regular extensions of topological spaces A. A. Ivanov, Vest. AN SSSR, Ser. fiz. i mat. nauk. no. 1 28-35 '66
Topological equivalence of all separable Banach spaces M. I. Kadets, Dokl. AN SSSR 167 no. 1 23-25 Mr '66
Use of topological methods in studying the critical regions of a reactor I. A. Bakhtin, Dokl. AN SSSR 167 no. 1 16-18 Mr '66

TORQUE

Determining the values or optimum torques for the tires of sucker rod units. G. A. Noginov and others. *Aerob. noft.zhuk* 44 no.12:29-31 D '65.
Torsion of shafts of equivalent profile. A. N. Gupin. *Trudy GISI* no. 39:31-38 '61

TOURISM

Bogolavenskii, G. P., N. D. Smirnova, and I. S. Iun'ev. [Here come the curious; advice to young tourists engaged in regional studies.] *Idut liuboznatel'nye; sovety iuzhnykh turistam-kraevedam.* [Moskva] Molodala gva-dila, 1955 155 p

TOURIST CAMPS, HOTELS, ETC

Large-scale tourist centers. M. L. Dananovskii. *Strel i akhkh.* [sbrank] no.2:33-41 '65.

TOURISTS, AMERICAN see subdivision under Moscow

TOWING

Characteristics of the use of integrated barge trains. G. Vaganov. *Rech.transp* 23 no.6:13-15 Ju '64.
Flexible coupling systems for pusher tug trains. T. Platin. *Rech.transp* 23 no.6:51-53 Ju '64.

TOXICOLOGY—ABSTRACTS

[Pharmacology. Chemotherapeutics. Toxicology] *Ref. zhur.* *Farm. i khimioterap. sred. Toks.* no.2 F '66.

TOXOPLASMOSIS

Association of pulmonary tuberculosis with toxoplasmosis. V. P. Rudin, I. D. Netrebko, N. A. Iova. *Probl. tub.* no.3:88-90 '65.

Tinctorial properties and cytochemical structure of toxoplasma cysts. I. U. I. Ukhov. *Med. paraz. i paraz. bol.* 35 no.2:209-211 Mi-Apr '66.

Zasukhin, D. N., and A. K. Rykate. [Toxoplasmosis] *Toksoplazmoz.* Moskva, Meditsina, 1955. 17 p.
(Nauchno-popul'narna meditsinskaya literatura) (DNLM)

TOXOPLASMOSIS—COMPLICATIONS AND SEQUELAE

Psychoses in toxoplasmosis. T. D. Klueva, E. N. Samodinskaya, T. M. Tikhovskaya. *Zhur. nevr. i psikh.* 66 no.3:454-458 '66.

TOY INDUSTRY see subdivision under Ivanovo Province

TOY THEATERS

Toy theaters. E. Domment. *Doshk.vosp* 39 no.2:74-80 I '66.

TOYS

Didactic toy as a means of education. N. Pantina. *Doshk.vosp.* 39 no.3:90-94 Mi '66.

Problems of children's toys. I. U. Skaylev. *Nat.obt.* no.1:123-124 Ap '66.

TOYS—EXHIBITIONS

Besides the good things. L. Pliskanova. *Doshk.vosp.* 39 no.2:106 I '66.

Dolls' town. L. Panteleeva. *Doshk.vosp.* 39 no.2:100-103 I '66.

Future of toys. E. Kossakovskaya. *Doshk.vosp.* 39 no.3:107-109 Mi '66.

Impressions about a toy exhibition. G. Panteleev. *Doshk.vosp.* 39 no.2:99-100 F '66.

Teachers have what to think about. *Doshk.vosp.* 39 no.2:103-105 F '66.

TRACE ELEMENTS

(see also subdivision under Kazakhstan; Timan Range region, Ukraine)

Microelements Mn, Fe, Cu, and Al in aqueous extracts of vitamin-rich medicinal plants. V. I. Ielchenko, V. K. Iashchenko. *Apt.delo* 15 no.1:47-52 Ju-F '66.

Migration of microcomponents in underground brines as revealed by a study of lithium. A. V. Volonov, O. I. A. Samoilov, D. S. Sokolov. *Blud MOIP Otd.geol.* 41 no.1:110-118 Ju-F '66.

Polarographic determination of the solubility of molybdenum and zinc in polymicroelement fertilizers. G. P. Protsenko, P. N. Kovalenko. *Agrokhimika* no.3:127-130 Mr '66.

Relationship between the color of hair, sex, and content of trace elements in hair. D. I. A. Shabel'nik. *Sud.-med. ekspert.* 3 no.1:7-9 Ju-Mr '66.

TRACE ELEMENTS—EFFECT ON PLANTS see Plants, Effect of trace elements on

TRACE ELEMENTS—STANDARDS

[Mineral and bacterial fertilizers, mineral feeds and trace elements; collection of state standards and technical specifications] *Mineral'nye i bakterial'nye udobreniya, mineral'nye korma i mikroelementy; sbornik gosudarstvennykh standartov i tekhnicheskikh uslovii.* Izd. otkritai'noe. Moskva, Izd-vo Standartov, 1955. 403 p.

TRACE ELEMENTS—THERAPEUTIC USE

Use of the trace elements in the prophylaxis and therapy of anemia in young pigs. A. A. Prokopenko, I. I. Iarov. *Veterinariia* 42 no.1:57-59 Ju '66.

TRACE ELEMENTS IN THE BODY

Indices of the activity of ceruloplasmin and the copper and zinc content in the blood of patients with typhoid fever and dysentery treated with levomycetin. M. A. Borisova. *Sov.med.* 29 no.1:60-63 Ju '66.

Micronutrient content in the blood of highly productive cows as related to different types of feeding. V. T. Samokhin. *Trudy Moskvetak* 22 no.2:103-111 '58

Participation of trace elements in the biosynthesis of the hormones of the thyroid gland. V. V. Koval'skii, M. I. Gushin. *Vost.soi'khom nauki* 11 no.3:77-80 Mr '66.

TRACERS (BIOLOGY)

Clinical evaluation of the functional state of the liver using ¹³¹I-labeled rose bengal. L. A. Levichinskii, V. V. Tsimov, I. A. Belodudskov. *Med.rad.* 11 no.2:15-51 F '66.

Comparative evaluation of the isotope (⁵¹Cr), gravimetric, and clinical methods of observation on the volume of the circulating blood in artificial blood circulation. K. M. Shul'man, M. G. Shifilova. *Med.rad.* 11 no.2:57-62 F '66.

Determination of the depth of deposition of the radioactive isotope using the method of simultaneous measurement of two quantities. A. N. Denisenko, V. K. Lispevskii. *Med.rad.* 11 no.3:82-85 Mi '66.

Ol'khov, O. A. [Atoms and the life of plants] *Atomy i zhizn' rastenii.* Moskva, Kolos, 1955. 78 p.

Radionuclide photography using ¹³¹I-labeled albumin; methodology of the examination. G. A. Malov. *Med.rad.* 11 no.2:38-45 F '66.

Radionuclide diagnosis of cancer of the cervix uteri. T. P. Koichina, V. Z. Agranat. *Med.rad.* 11 no.3:55-59 Mr '66.

Scanning method in the diagnosis of metastatic tumors of the liver. G. A. Zubovskii. *Med.rad.* 11 no.2:51-57 I '66.

Use of ³²P for the evaluation of the effectiveness of radiotherapy in cancer of the cervix uteri. V. Z. Agranat, V. A. Perelstova. *Med.rad.* 11 no.3:59-55 Mr '66.

TRACERS (CHEMISTRY)

Mechanism of esterification of phthalic acids and esterification of phthalates studied by the tracer method. E. N. Gur'lanova and others. *Zhur.org.khim.* 2 no.3:493-495 Mr '66.

TRACHEA—SURGERY

Tracheostomy in animals. S. I. Tolokh. *Eksp.khir. i anest.* no.4:82 '65.

Tracheostomy in the compound treatment of tetanus. K. T. Piroshina. *Eksp.khir. i anest.* no.4:78-81 '65.

TRACHEAL FISTULA see Fistula, Tracheal

TRACTOR INDUSTRY see subdivision under Rubtsovsk (Altai Territory)

TRACTOR INDUSTRY—MANAGEMENT see subdivision under Kharkov

TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Samarkand

TRACTOR INDUSTRY WORKERS—EDUCATION AND TRAINING

Are you a creator? L. Zaviukha. *Agitator* 13 no.7:20-21 Ap '66.

TRACTORS

(see also subdivision under Tselinograd Province; Tyumen' Province)

Gershonov, S. V. [Operation of tractors and their maintenance] *Rabota na traktorakh i ukhod za nimi.* [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1955. 39 p. (V pomoshch' molodomu mekhanizatoru) (MICROFILM)

Loginov, I. G. [Automatic operation of tractor units] *Avtomaticheskoe vozhdeno traktornykh agregatov.* [Alma-Ata] Kainar, 1955. 170 p.

Power conditions and strength of the universal front loader on a wheeled tractor. E. G. Bolkina. *Trudy VISKIOMA* no.45:3-10 '64.

Prolonging serviceability of tractor frames. A. Kononov. *Tekh.v sel'khoz.* 26 no.1:63-65 Ju '66.

Trubnikov, G. I. [Tractors] *Traktory.* Moskva, Vysshaya shkola, 1955. 271 p.

Varlamov, A. V. [Fuel equipment of diesel tractors] *Toplivnaya apparatura dizel'nykh traktorov.* [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1953. 76 p. (V pomoshch' molodomu mekhanizatoru) (MICROFILM)

TRACTORS—ABSTRACTS

[Tractors and agricultural machinery and equipment] *Ref. zhur.* *Trakt. i sel'khoz. mash. i orud.* no.2 F '66.

TRACTORS—AXLES

Analyzing the distribution of weight over the axles of wheeled tractors. D. I. Mel'nikov. *Trakt. i sel'khoz. mash. i orud.* no.3:14-15 Mr '66.

TRACTORS—COLD WEATHER OPERATION

Preparing sledges during summer. T. Nadvaldin. *Tekh.v sel'khoz.* 26 no.3:53-58 Mi '66.
Winter use of starter storage batteries. B. Barabanov. *Tekh.v sel'khoz.* 26 no.1:55-57 Ju '66.

TRACTORS—DYNAMICS

Effect of speed on tractive efficiency of a wheeled tractor. L. K. Bogomolov. *Dokl.MIISF* 1 no.2:123-129 '64.

Effect of the interrelation on the internal stability of wheeled tractors. V. F. Kononov, E. F. Kudrinskii. *Trakt. i sel'khoz. mash.* no.3:15-18 Mr '66.

Precise calculation of the dynamic indices of the starting process of a machine-tractor unit. B. M. Bellacv. *Dokl. MIISF* 1 no.2:111-151 '64.

Theory of the start of high-speed machine-tractor unit taking into consideration the adhesion of propelling devices with soil. B. M. Bellacv. *Dokl. MIISF* 1 no.2:131-139 '64.

TRACTORS—ELECTRIC EQUIPMENT

Kotlarov, V. V. [Operating the electrical equipment of tractors and combines] *Ekspluatatsiya elektrooborudovaniia traktorov i kombinov.* [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1953. 68 p. (V pomoshch' molodomu mekhanizatoru) (DNAL MICROFILM)

TRACTORS—ENGINES

Effect of the type of water flow in the cooling system of the tractor engine head on the temperature field of its bottom plate. B. A. Levchenko and others. *Dvig.vaut.* 4901. no.1:75-81 '65.

Increase the durability of the cylinder sleeves of tractor engines. D. Zilaev. *Tekh.v sel'khoz.* 26 no.3:81-88 Mr '66.

Rapid-acting device for milling the butt ends of cylinder parts. N. P. Kosov. *Trakt. i sel'khoz. mash.* no.3:11-15 Mi '66.

Thermal conditions of an engine. V. Semenov. *Tekh.v sel'khoz.* 26 no.2:55-58 F '66.

Time relay for the running-in of engines. S. Averbakh, P. Kudan. *Tekh.v sel'khoz.* 26 no.2:75-76 F '66.

TRACTORS—EXHIBITIONS

Tractor equipment at the 36th International Exhibition of Agricultural Machinery in Paris. K. A. Karatov. *Trakt. i sel'khoz. mash.* no.3:47-48 Mi '66.

TRACTORS—FRAMES

Studying the strength of the frame of the SSh-65 multipurpose self-propelled chassis. V. I. Korshakov. *Trudy VISKIOMA* no.48:34-44 '64.

TRACTORS—FUEL CONSUMPTIONS

Investigating the fuel efficiency of a high-speed wheeled tractor under of underloading conditions. L. K. Bogomolov. *Dokl. MIISF* 1 no.2:117-122 '64.

TRACTORS—FUEL SYSTEMS

Accelerated stopping of the SDTA-1 stand. G. Myl'sov. *Tekh.v sel'khoz.* 26 no.3:81 Mr '66.

Adjustment of the UTN-5 fuel pump. M. Kulakov. *Tekh.v sel'khoz.* 26 no.1:57-59 Ju '66.

Checking gas distribution phases without dismantling an engine. A. Kononov. *Tekh.v sel'khoz.* 26 no.3:74-75 Mr '66.

Controlling the quality of a carburetor jet. V. Kirev, N. Potapenko, Kolesnik. *Tekh.v sel'khoz.* 26 no.3:70-72 Mi '66.

Technical maintenance of tractor engine injectors. D. Sorokin. *Tekh.v sel'khoz.* 26 no.1:44-50 Ju '66.

TRACTORS—HYDRAULIC EQUIPMENT

Our practice in using a hydraulic amplifier of adhesion weight. I. Naratov. *Tekh.v sel'khoz.* 26 no.2:63-64 F '66.

Slavukin, I. M. [Care of the hydraulic suspension systems of tractors] *Ukhod za gidravicheskimi sistemami traktorov.* [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1953. 25 p. (V pomoshch' molodomu mekhanizatoru) (MICROFILM)

Stand for checking the hydraulic booster of servo steering. G. Toplin. *Tekh.v sel'khoz.* 26 no.3:84-85 Mr '66.

TRACTORS—LUBRICATION

Strobilometer for checking an oil centrifuge. V. Tokarev. *Tekh.v sel'khoz.* 26 no.3:70-80 Mr '66.

TRACTORS—MAINTENANCE AND REPAIR

(see also subdivision under Saratov Province)

Equipment for repairing a rear axle. V. Dubovols. *Tekh.v sel'khoz.* 26 no.3:82 Mr '66.

F

TRACTORS—MAINTENANCE AND REPAIR (Continued)

Repairing rear brackets of the frame of the DT-54 tractor. Tekhn. sel'khoz. 26 no. 1: 67-69 Ja '66.

Russia (1923- U.S.S.R.) Glavnoe upravleniye organizatsii truda i zashchity platy. [Technically based line norms for repair work.] Tekhnicheski obosnovaniye normativy vremenniy i smontnyy raboty. Izd. 2 Moskv., Rosel'khozizdat, 1966. 131 p.

Tool for dismantling and assembling the chassis of the DT-54 tractor. Kh. Galimov, A. Zikolsin, Tekhn. sel'khoz. 26 no. 1: 69-71 Ja '66.

Strengthening the front member of the frame of the "Belarus" tractor. V. Sidorenko, Tekhn. sel'khoz. 26 no. 1: 65-66 Ja '66.

Technical documentation in specialized workshops. V. Il'inskiy, Tekhn. sel'khoz. 26 no. 1: 60-63 Ja '66.

Vlasov, P. A., and others. [Repairing the cabins of tractors and motor vehicles.] Remont kabin traktorov i avtomobilov. Moskva, Koles, 1965. 95 p. (Biblioteka rabochego i remontnika)

TRACTORS—NOISE

Methods for studying the noise and vibration of high-speed tractors. M. A. Kolmakov. Nauch. trudy SibVIM no. 2: 187-190 '64.

TRACTORS—STARTING DEVICES

Speedup starting of tractor engines. B. Kaimantsov. Tekhn. sel'khoz. 26 no. 1: 30-31 Ja '66.

TRACTORS—TESTING

Automatic control of tractors in accelerated field testing. A. I. Drenovskiy. Trakt i sel'khoz. mash. no. 3: 1-3 Mr '66.

Investigating the performance of the movers of a 14-ton wheeler tractor. V. N. Karelin. Izv. vuz. ucheb. zav. mashinost. no. 11: 88-100 '65.

TRACTORS—TIRES

Discarded airplane tires on the "Belarus" tractor. L. Revutskiy. Tekhn. sel'khoz. 26 no. 3: 57-58 Mr '66.

TRACTORS—TRANSMISSION DEVICES

Analysis of the strength and durability of the transmissions of the T-4 and T-4M tractors made at the Altay Tractor Plant. A. T. Bolgov, B. V. Kruglov. Izv. vuz. ucheb. zav. mashinost. no. 1: 140-145 '66.

Determining the contact stresses and efficiency of a friction-type variable speed drive. G. I. A. Vutskiy. Trakt i sel'khoz. mash. no. 3: 11-14 Mr '66.

Results of the investigations of the effect of a hydraulic torque converter on the loads in the power transmission of an agricultural tractor. V. A. Chernyshev. Dokl. MISP. 1 no. 2: 97-105 '64.

"Select-o-speed" transmission. A. Akimov, V. Semenov. Tekhn. sel'khoz. 26 no. 1: 89-91 Ja '66.

Studying radial single-acting hydraulic engines for tractors with volumetric hydraulic transmission. A. M. Shvetsov. Trakt i sel'khoz. mash. no. 3: 6-8 Mr '66.

Wear of spline joints in the gearbox of a tractor. N. Danchenko. Tekhn. sel'khoz. 26 no. 3: 76-79 Mr '66.

TRACTORS—VIBRATION

Methods for studying the noise and vibration of high-speed tractors. M. A. Kolmakov. Nauch. trudy SibVIM no. 2: 187-190 '64.

TRADE UNIONS

(see also subdivision under Brazil, Chechen-Ingush A.S.S.R., Ogry District, Orsk, Romny District, Sakhalin, Ukraine, United States)
Congress of the trade-union. Muk.-elev. prom. 32 no. 1: 19 Ja '66.

Educational role of the collective. Sov. profsoyuzy 22 no. 5: 14-15 Mr '66.

Everybody takes part in the inspection. G. Kalinin, A. Gritsenko. Okhr. truda i soiz strakh. no. 3: 15 Mr '66.

For the benefit of the people. P. Afanas'yev. Sov. profsoyuzy 22 no. 8: 18-19 Mr '66.

Improve the organizational work method. V. Krasnokutskiy and others. Sov. profsoyuzy 22 no. 8: 22-23, 38 Mr '66.

In a distorting mirror. N. Peshkova. Sov. profsoyuzy 22 no. 4: 18-19 F '66.

In the Central Committee of the Trade Union of Workers Employed in Geological Prospecting and the Ministry of the Geology of the U.S.S.R. Razved. i okh. nedr. 31 no. 12: 57-58 D '65.

In the former State Geological Committee of the U.S.S.R., the Central Committee of the Trade Union of Workers Employed in Geological Prospecting, and the Central Council of the Volunteer Sport Society "Spartak" A. I. Smirnov. Razved. i okh. nedr. 31 no. 11: 63-64 N '65.

In the Presidium of the Central Committee of Trade Unions. Sov. shakht. 15 no. 3: 20 '66.

Let us carry out the decisions of the 12th Congress of the Trade Union of Workers Employed in Geological Prospecting. P. I. Shelakhin. Razved. i okh. nedr. 32 no. 1: 1-4 Ja '66.

Loyalty to proletarian internationalism is the foundation of the entire work of Soviet trade unions. Theme No. 6. Sov. profsoyuzy 22 no. 5: 27-31 Mr '66.

Moskalev, V. N. [The trade union organization of housing operations and management offices.] Profsoyuznaya organizatsiya zhilishchno-eksploataatsionnoy komitety. [Moskva] Profizdat, 1966. 43 p. (Biblioteka profsoyuznogo aktivista. P. 3(123))

Mukhtasipov, Medeklat. [Soviet trade unions in the struggle for the international unity of the working class, 1918-1939] Sovetskii profsoyuz v bo'ye za mezhdunarodnoye edinstvo rabochego klassa (1918-1939 gg.). Moskva, Mysl', 1966. 108 p.

Neither in the trade-union committee nor in the local trade-union committee. IA. Sklavarevskiy. Sov. profsoyuzy 22 no. 1: 16-17 F '66.

A new man came to the plant. M. Shirdin. Sov. profsoyuzy 22 no. 6: 20-21 Mr '66.

Nikolova, T. N. [Educational work of trade unions.] Vospitatel'naya rabota profsoyuzov. [Moskva] Profizdat, 1966. 121 p.

On the eve of the congress of our party. Sov. profsoyuzy 22 no. 6: 2-3 Mr '66.

Our main concern. IA. Kopanitsa. Sov. shakht. 15 no. 3: 18-20 '66.

Plans of the party are the plans of the people. K. Guseinov. Okhr. truda i soiz strakh. no. 3: 1-3 Mr '66.

Role of trade unions in training of active, conscientious builders of communism. Iepic No. 5. Sov. profsoyuzy 22 no. 3: 30-35 F '66.

Soviet trade unions are in solidarity with the struggle of their Vietnamese brothers. P. Pimenov. Vsem. prof. dvizh. no. 2: 6-10 Mr '66.

Structure and functions of trade-union organs. I. Gudkov. Sov. profsoyuzy 22 no. 4: 34-35 F '66.

Trade unions must concern themselves with sanatorium-preventorium. Sov. profsoyuzy 22 no. 1: 22-23 F '66.

TRADE UNIONS—CONGRESSES

New boundaries lie ahead. Avi. transp. 44 no. 2: 4-6 F '66.

Objectives of trade-union organizations at the new stage. Avi. transp. 44 no. 2: 1-4 F '66.

Seventh Congress of the Trade Union of the Workers of the Light and Textile Industries. Kozh.-obuv. prom. 8 no. 2: 1-3 F '66.

Twenty-third Congress of the Trade Union of Workers Employed in Geological Prospecting. I. I. Kirukhin, E. S. Krivenko. Razved. i okh. nedr. 32 no. 2: 60-62 F '66.

Worldwide forum of the working class. A. I. Smirnov. Razved. i okh. nedr. 32 no. 1: 59-60 Ja '66.

TRADE UNIONS—EXHIBITIONS

Visiting a new pavilion. L. Kas'yanova. Inform. blul. VDNKH no. 1: 36-39 Ja '66.

TRADE UNIONS—OFFICERS

(see also subdivision under Orenburg Province)

The trade-union activist's personal example. Sov. profsoyuzy 22 no. 5: 1-3 Mr '66.

The trade-union activists study. Sov. profsoyuzy 22 no. 6: 39-40 Mr '66.

TRADEMARKS

[Inventions, industrial samples, trademarks] Izobr., prom. obraz., tov. znak. 43 nos. 4-6 '66.

Symbol of quality. G. Malinichev. NTO 8 no. 3: 3-5 Mr '66.

TRAFFIC ACCIDENTS

Court inspection of the site of an accident when examining a case concerning a fatal highway accident. D. Turchin. Sov. iust. 30 no. 6: 16 Mr '66.

TRAFFIC ACCIDENTS—CASES

Displacement of internal organs in accident injuries. A. P. Ignatenko, O. P. Yebel', V. I. Romanov. Sud.-med. ekspert. 9 no. 1: 35 Ja-Mr '66.

Duration of life and ability for actions following fatal injuries. E. I. Sokolov, A. V. Petrova. Sud.-med. ekspert. 9 no. 1: 37 Ja-Mr '66.

Mark which helps to establish the direction of the individual's being run over by a car wheel. A. A. Matyshev. Sud.-med. ekspert. 9 no. 1: 49-52 Ja-Mr '66.

TRAFFIC ENGINEERING

Simulation of street traffic. M. P. Pecherskiy. Nauch. trudy AKKH no. 34: 133-142 '65.

Some applications of mathematical programming methods in the optimization of transportation operations in municipalities. Nauch. trudy AKKH no. 34: 143-147 '65.

TRAFFIC REGULATIONS

Consultation on traffic regulations. Avi. transp. 44 no. 2: 48-49 F '66.

TRAFFIC SIGNS AND SIGNALS

Experimental study of automatic street traffic control devices. M. P. Pecherskiy. Nauch. trudy AKKH no. 34: 118-132 '65.

Special features of the construction of remote control systems for municipal traffic lights. B. G. Khorovitch. Nauch. trudy AKKH no. 34: 107-117 '65.

TRAIN FERRIES see subdivision under Caspian Sea

TRAINING OF EMPLOYEES see Employees, Training of

TRAINING OF TEACHERS see Teachers, Training of

TRAJECTORIES

Parallel rapprochement of two points. Z. N. Pak. Vest. AN Kazakh SSR. 22 no. 2: 76-78 F '66.

TRANQUILIZING DRUGS

Effect of some tranquilizers on the content of lactic and pyruvic acids in the brain of rats. V. Malin, G. K. Masly. Uki. biokhim. zhur. 38 no. 1: 81-83 '66.

TRANS-ILI ALATAU—EROSION

Floods of the Trans-Ili Alatau and problems in forecasting them. M. Zh. Zhundeev. Vest. AN Kazakh. SSR. 22 no. 2: 21-32 F '66.

TRANS-ILI ALATAU—FLOODS

Floods of the Trans-Ili Alatau and problems in forecasting them. M. Zh. Zhundeev. Vest. AN Kazakh. SSR. 22 no. 2: 24-32 F '66.

TRANS-ILI ALATAU—LANDSLIDES

Most lifting of landslides in the Trans-Ili Alatau nivalities. G. Kh. Bukolkinov. Vest. sel'khoz. nauch. [Kazakh] 9 no. 2: 100-105 F '66.

TRANS-ILI ALATAU—POTATO MOSAIC VIRUS

Virus diseases of potatoes in high alpine and piedmont regions of the Trans-Ili Alatau. M. I. Gol'din, Z. M. Eliseeva. Izv. AN Kazakh. SSR. Ser. biol. nauk. 4 no. 1: 22-29 Ja-F '66.

TRANSAMINASES

Adsorption of transaminases on the erythrocyte surface in infectious hepatitis. L. I. Goldberg. Vop. med. biol. 12 no. 1: 15-48 Ja-F '66.

Diagnostic value of determining transaminases in epidemic hepatitis. V. D. Zaitsev, S. P. Dyvretskaya. Trudy Kish. gos. med. inst. 14: 71-79 '61.

Study of the activity of serum transaminases in some surgical diseases. G. M. Lerer, E. K. Utegovich. Klin. khir. no. 8: 36-40 '66.

TRANSBAIKALIA—BEETLES, FOSSIL

New beetles from the family Cupedidae (Coleoptera) from Mesozoic deposits of Transbaikalia. A. G. Potomayev. Ent. obozr. 46 no. 1: 138-143 '66.

TRANSBAIKALIA—FLUORSPAR

Formation temperatures and coloring of fluorite of the Abagaytyusk deposit (eastern Transbaikalia). V. I. Lesniak, M. N. Utkov. Min. shor. 10 no. 1: 110-111 '65.

TRANSBAIKALIA—GEOLOGICAL TIME

Paleomagnetic data on the age of basic effusives in the Tamir Valley and Lower Khatol Valley (western Transbaikalia). V. S. Dvorkhiev, V. I. Yur'evich. Izv. i geofiz. no. 9: 143-146 '66.

TRANSBAIKALIA—GEOLOGY, STRATIGRAPHIC

Quaternary sediments in the central part of the Uda-Khatol interfluvium. A. A. Lomayev, R. A. Bolovtsov. Ist. i geol. geofiz. i geokhim. Ukr., Kazakh., Zabaik. no. 2: 62-69 '64.

TRANSBAIKALIA—GROUND SQUIRRELS, FOSSIL

New species of Eopliatocone ground squirrel fauna. Tology (western Transbaikalia). M. A. Erbaeva, A. G. Pokalov. Paleont. zhur. no. 1: 62-164 '66.

TRANSBAIKALIA—PERLITE (MINERAL)

Properties of perlite rocks and perlite manifestations in western Transbaikalia. B. A. Gavrusevich, I. G. Solov'nikov. Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik. no. 2: 120-137 '64.

TRANSBAIKALIA—SYENITE—ANALYSIS

Petrography and petrochemistry of syenite rocks of the Malyi Kinsley intrusive complex (western Transbaikalia). V. N. Vas'ko, V. A. Shpichenko. Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik. no. 2: 116-122 '64.

TRANSCARPATIA—FORAMINIFERA, FOSSIL

New representatives of the genera Hauerina and Peneroplis from Middle Sarmatian sediments in Transcarpathia. I. V. Venglinaki, L. V. Buryndina. Paleont. sbor. [L'vov] no. 2 pt. 1: 71-76 '65.

TRANSCARPATIA—GEOLOGY, STRATIGRAPHIC

Division of Pliocene sediments in Transcarpathia based on mollusk fauna. G. N. Grishkovich. Paleont. sbor. [L'vov] no. 2 pt. 1: 47-50 '65.

Magura zone in the western part of Transcarpathia. O. S. Vialov. Geol. zhur. 25 no. 1: 61-64 '66.

Presence of Taurian sediments in the zone of Deniny cliffs in Transcarpathia. S. S. Kruhlov, H. Ia. Krymhol'ts. Dop. AN URSSR no. 1: 100-111 '66.

TRANSCARPATIA—MOLLUSKS, FOSSIL

Division of Pliocene sediments in Transcarpathia based on mollusk fauna. G.N. Grishkevich. Paleont. sbor. [L'viv] no. 2 pl. 1 47-50 '69.

TRANSCARPATIA—MOUTH—CANCER

Cancer of the oral cavity in the male population of Transcarpathia. L.N. Gvultsner. Vop. onk. 12 no. 3, 89-92 '66.

TRANSCARPATIA—PALEONTOLOGY, STRATIGRAPHIC

Fauna from Miocene Lithothamnion limestones in Transcarpathia. V.A. Goritskii and others. Paleont. sbor. [L'viv] no. 2 pl. 1 96-98 '65.

TRANSCARPATIA—PROSPECTING—EQUIPMENT AND SUPPLIES

Mechanical transportation of rocks from prospecting drillings in the Transcarpathian Geological Expedition. O.L. Zolotarev, P.D. Megal Razved. i okh. nauch. 31 no. 11-46-48 N '65.

TRANSCARPATIA—UKRAINIAN LANGUAGE—DIALECTS

History of the Ukrainian population in the region of the Marmaros dialect of Transcarpathia. A.A. Mokan'. Vest. LGU 20 no. 2 158-170 '65.

TRANSCARPATIA—WATER, UNDERGROUND—COMPOSITION

Salt and gas composition of underground waters in the Transcarpathian Inner Trough and the Inner Anticlinal Zone of the Carpathians. T.M. Seletskii, I.N. Likhomanova. Geol. i geokhim. nef. i gaz. mestorob. no. 3, 90-100 '65.

TRANSCARPATIA—WINE AND WINE MAKING

Brand and quality wines of Transcarpathia. V.I. Zinchenko. Khar. prom. no. 150-61 Ja-F '66.

TRANSCAUCASIA—ARCHIVES

For the improvement of archival work in Transcaucasia. Vop. arkh. 0 no. 4 28-38 O-N '64.

TRANSCAUCASIA—BRACHIOPODA, FOSSIL

Chonoplectella Sarycheva, nom. nov., a new generic name. T.G. Sarycheva. Paleont. zhur. no. 1 135 '66.

TRANSCAUCASIA—EARTH—SURFACE

Subsurface crustal structure of Transcaucasia. G.V. Kravchenko. Sov. geol. 0 no. 2 159-163 F '66.

TRANSCAUCASIA—RAILROADS—MAINTENANCE AND REPAIR

First in maintenance and repair. Sh. I. Kukhmalshvili, K.P. Mepartishvili. Put' i put. khoz. 10 no. 2 25 '66.

TRANSCAUCASIA—REFORESTATION

Methods for the reclamation of eroded southern slopes through afforestation. V.M. Vepkhvadze. Trudy Tbil. inst. lesa 11 189-197 '65.

TRANSCAUCASIA—RELATIONS (GENERAL) WITH RUSSIA

Markova, O.P. [Russia, Transcaucasia, and international relations in the 18th century] Rossiia, Zakavkaz' i mezhdunarodnye otnosheniia v XVIII veke. Moskva, Nauka, 1966, 322 p.

TRANSCAUCASIA—WHEAT-RYE HYBRIDS

The spontaneous amphidiploids Trillale of Transcaucasia. V.P. Dorofeev. Dokl. Akad. nauk. no. 2 21-23 F '68.

TRANSCENDENTAL FUNCTIONS see Functions, Transcendental

TRANSDUCERS

Compensation of the linearity of frequency transducers in presence of continuous data takeoff. V.G. Kozlov. Trudy LPI no. 250 14-19 '65.

Device for converting inductance and resistance to frequency. E.I. Rodion. Trudy LPI no. 258 20-30 '65.

Effective method of attaching transducers (receivers) for acoustical testing of elements. R.G. Komlan chik, L.A. Polonskii, Stroi. i arkhit. Len. 28 no. 2 21 F '66.

Method for compensating nonlinear frequency transducers. A.N. Gutorova. Trudy LPI no. 256 38-40 '65.

Methods for constructing frequency-type electroacoustical transducers for gas analysis. N.B. Dokukina, P.V. Novitskii. Trudy LPI no. 258 26-27 '65.

Nonstability of stringed converters operating with a free string. G.A. Kondrashkova. Trudy LPI no. 258 92-94 '65.

Resistance to frequency converter for a digital thermometer. V.S. Guzikov. Trudy LPI no. 255 31-33 '65.

Study of torque transducers. P.M. Alabuzhev and others. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3 81-90 '64. Transducers for controlling and regulating technological processes at the Leipzig Fair. G.V. Nikolov, E.T. Shaplo. Priboirostroenie no. 3 21-28 Mr '66.

TRANSFER OF EMPLOYEES see Employees, Transfer of

TRANSFORMATIONS (MATHEMATICS)

Generalizing by methods for plotting proportional curves. G.I. Savitskii. Izv. vuz. ucheb. zav. mashinost. no. 11 5-10 '65.

TRANSIENTS (ELECTRICITY)

Numerical method for determining transient processes in nonlinear electrical networks using digital computers. A.V. Vukobon. Izv. AN SSSR i neig. i transp. no. 1 61-70 Ja-F '66.

Study of transient processes in traction motors. V.V. Klimentov. Elektrotehnika 37 no. 2 12-14 F '66.

Use of electronic analog computers in the study of the transients of the power circuits of electric locomotives. V.I. Nekrasov. Izv. vuz. ucheb. zav., elektromekh. 8 no. 3 260-270 '66.

TRANSISTOR AMPLIFIERS

Bridge-type low-frequency transistor amplifiers. V. Nosov. Radio no. 2 26-28 F '66.

Double T-type bridge in a transistor amplifier with low input impedance. V.A. Ivanov. Radiotekhnika 21 no. 3 38-43 Mr '66.

Gumelia, E.B. [Adjustment of transistor amplifiers] Nalazhivanie tranzistornykh priemnikov. Moskva, Energiia, 1966, 63 p. (Massovnaia biblioteka, no. 502)

Increasing the stability of low-frequency transistor amplifiers. RU Shtashin. Radio no. 2 29-31 F '66.

TRANSISTOR CIRCUITS

Calculation of reliability of transistor logical cells using the BESM-2 digital computer. I.A.R. Valtina, I.V. Iakovlev. Trudy LPI no. 256 71-79 '65.

Calculation of the rectifying effect of the junction on the characteristics of a thin-film field-effect transistor. V.I. Tikhonov. Radiotekhnika i elektronika, 11 no. 3 162-161 Mr '66.

Forced oscillations in nonlinear stages with regulated p-n junction capacitance. A.A. Motchanov, I.N. Tanchev. Radiotekhnika i elektronika, 11 no. 3 156-161 Mr '66.

Imley, Richard B. [Transistor logic circuits. Translated from the English] Logicheskie skhemy na tranzistorakh. Moskva, Mir, 1965, 420 p. (CSMOI)

Iudich, M.Z. [Transistorized electronic circuits] Skhemy tranzistornoi elektroniki. Moskva, Energiia, 1966, 142 p.

Multilevel transistor time relay. A.A. Terokha, G.S. Kuznetsov. Priboirostroenie no. 3 17-18 Mr '66.

Transistorized inductance voltage amplifiers. L.D. Gik. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3 0-17 '64.

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTOR RADIOS

Dobzko, I.M., and K.A. Lokshin. [Transistor radio broadcast receivers] Tranzistornye radioveshchal'nye priemniki. Moskva, Energiia, 1966, 93 p. (Massovnaia biblioteka, no. 594)

The "Rubin" T-1 miniature superheterodyne. N. Iampov. Radio no. 2 41-45 F '66.

Starodub, D.O. [Pocket radios] Kyashenkov'i radiopriemniki. Vyd. 2., stereotipnye. Kyiv, Tekhnika, 1966, 100 p.

TRANSISTOR RADIOS—HANDBOOKS, MANUALS, ETC.

Svetlov, L.L. [Handbook on small radio receivers] Spravochnik po malogabaritnym radiopriemnikam. Moskva, DOSAAF, 1966, 84 p. fold. diagr. (insert)

TRANSISTORS

Features of the construction of measuring devices using thin-film transistors. A.I. Il'chenkov. Avtometriia no. 6 45-51 '65.

Ivanchuk, B.N., R.A. Lipman, and B.I. Ravinov. [Thyristor amplifiers in electric drive systems] Tiristornye usiliteli v skhemakh elektroprivoda. Moskva, Energiia, 1966, 111 p. (Biblioteka po avtomatike, no. 161, Elektroprivody s poluprovodnikovym upravleniem)

Magnetoresistors from InSb. N.A. Osachkin. Elektrotehnika 37 no. 2 43-45 F '66.

Problems of sensimetry in the manufacture of semiconductor devices using a photolithographic method. F.P. Pries, A.B. Malveev. Svetotekhnika 12 no. 2 23-27 F '66.

Semiconductor devices and their applications. Poluprovodnikovye pribory i ikh primeneniia: sbornik statei. Pod red. I.A. Fedotova. Moskva, Svetloskoe radio, No. 14, 1965, 271 p.

Special features of the thermal performance of a transistor operating in a large current mode. K.M. Kudolin. Radiotekhnika 21 no. 3 50-52 Mr '66.

Structural properties of a mercury telluride-mercury sulfide system. E.I. Nikol'skaya. Uch. zap. Kal. gos. ped. inst. 33 61-60 '63.

Tishchenko, N.M., and V.G. Mashlykin. [Dynistors and thyristors and their applications in automatic control] Dinistory i tiristory i ikh primeneniia v avtomatike. Moskva, Energiia, 1966, 128 p. (Biblioteka po avtomatike, no. 163)

Zemel'man, M.A., ed. [Semiconductor devices in measuring technology. Translated from the German] Poluprovodnikovye pribory v izmeritel'noi tekhnike, sbornik statei. Moskva, Energiia, 1964, 255 p. (CSMOI)

TRANSISTORS—TESTING

Transistor testing device. V. Lomanovich. Radio no. 2 51-55 F '66.

TRANSITION METAL CARBIDES

Structure of alloys of the system Zr - C - Nb. S.S. Ordan'yan, A.I. Avgustinskii, V.Sh. Vygol'skaya. Zhur. prikl. khim. 39 no. 2 312-317 F '66.

Structure of alloys of the system Zr - C - Ta. A.I. Avgustinskii, S.S. Ordan'yan. Zhur. prikl. khim. 39 no. 2 318-323 F '66.

TRANSITION METAL COMPOUNDS

Conditions of formation and stabilization of carbon-transition metal σ -binding. I.I. Kritskaya. Usp. khim. 35 no. 3 393-426 Mr '66.

Orthorhombates of transition metals with a utility structure. V.N. Sanatina, V.N. Stekalovskii, F.I. Krylov. Zhur. neorg. khim. 10 no. 18 2381-2386 O '65.

TRANSITION METAL SULFIDES

Thermal expansion of certain transition metal sulfides. I.M. Dushin, V.Kh. Ogmenova. Piroch. met. 6 no. 2 60-62 F '66.

TRANSITION METALS

Elofcev, B.V. [Transition metals and their catalytic properties] Perokhodnye metally i ikh kataliticheskie svoystva. Moskva, Znaniia, 1966, 60 p. (Novoe v zhizni, nauka, tekhnika, XI Seriya: Khimiia, no. 2)

TRANSONIC AERODYNAMICS see Aerodynamics, Transonic

TRANSPLANTATION OF ORGANS, TISSUES, ETC

Khokhlov, P.P. [Use of heteroperitoneum in surgery] Primenenie geteropriemnykh v khirurgii. Kishinov, Kaitia moldovenaske, 1964, 262 p. (DNLM)

TRANSPORT THEORY

Transport problem with respect to time for dipole networks. V.A. Tsveligneev. Disk. anal. no. 2 12-22 '64.

TRANSPORT WORKERS see Subdivision under Europe

TRANSPORTATION

(see also subdivision under Caucasus, Northern; Volga-Vytnka Economic region)

Organization of a consolidated transport system in the U.S.S.R. A.V. Gornov. Vest. AN SSSR 36 no. 1: 10-25 Ja '66.

Scientific problems of the foundation of a consolidated transportation network in the U.S.S.R. A.V. Gornov. Izv. AN SSSR i neig. i transp. no. 1 3-16 Ja-F '66.

Some applications of mathematical programming methods in the optimization of transportation operations in municipalities. Nauch. trudy AKKH no. 34 143-147 '65.

Survey of communication systems and control in municipal public transport. V.A. Ilakovits. Nauch. trudy AKKH no. 34 95-102 '65.

TRANSPORTATION—EQUIPMENT AND SUPPLIES

Vsesoyuznaia konferentsiia po elektrosnabzheniiu i konditsionirovaniu vozdukh na transporte. [Electric power supply and air conditioning in transportation; conference materials] Energopriblizhenie i konditsionirovanie vozdukh na transporte: materialy konferentsii. Riga, Zinatne, 1965, 340 p.

TRANSPORTATION—RESEARCH

Raise the level of research. V. Dubchek. Mor. flot 28 no. 2 8-9 F '66.

TRANSPORTATION, AUTOMOTIVE

New boundaries lie ahead. Avt. transp. 44 no. 2 14-6 F '66.

Objectives of trade-union organizations at the new stage. Avt. transp. 44 no. 2 14-4 F '66.

Physiological criteria of the smooth motion of motor vehicles. R.V. Rotenberg, N.I. Barlachenko. Avt. prom. 32 no. 2 27-30 F '66.

Problems of the development of automotive transportation in the unified transportation system of the U.S.S.R. D.P. Velikanov. Izv. AN SSSR i neig. i transp. no. 1 78-83 Ja-F '66.

Standardize the production of specialized automotive transportation means. V. Tsyetkov, Zhil. stroit. no. 1 30 '66.

TRANSPORTATION, AUTOMOTIVE—ABSTRACTS

[Automotive and city transportation] Ref. zhur.: Avt. i gor. transp. no. 3 Mr '66, Avtorskii ukazatel' za 1965.

- TRANSPORTATION, AUTOMOTIVE—ACCOUNTING**
(see also subdivision under Minsk)
Step illegal additions G. Novikov. Avt. transp. 41 no. 2:39 F '66.
- TRANSPORTATION, AUTOMOTIVE—FREIGHT**
Centralized management of freight haulage. P. Shchetanuk. Avt. transp. 44 no. 2:14-15 F '66.
What freight haulages should be considered centralized. Avt. transp. 44 no. 2:11-14 F '66.
- TRANSPORTATION, AUTOMOTIVE—LAWS AND REGULATIONS**
Shvarts, Kh. I. [Legal regulation of carilage contracts in automotive transportation] Pravovo regulirovaniye perivozok na avtomobil'nom transporte. Moskva, Iuridicheskaya literatura, 1966, 263 p.
- TRANSPORTATION, AUTOMOTIVE—MANAGEMENT**
(see also subdivision under Alma-Ata, Moscow, Moscow Province, Sakhalin)
Advanced methods for the organization of the transportation process. A. Tenakov. Avt. transp. 44 no. 2:17 F '66.
Use new methods for planning. A. Ulianov. Avt. transp. 41 no. 2:31 F '66.
- TRANSPORTATION, AUTOMOTIVE—STUDY AND TEACHING**
Basic experimental automotive transportation units are needed urgently. T. Abduragimov. Avt. transp. 44 no. 2:54 F '66.
- TRANSURANUM ELEMENTS**
Properties of the isotope $^{102}254$. B. A. Zager and others. Atom. energ. 20 no. 3:230-232 Mr '66.
Properties of the isotope $^{102}254$. E. D. Donals, V. A. Shchegolev, V. A. Ermafov. Atom. energ. 20 no. 3:223-230 Mr '66.
- TRAPEZNIKOV, VADIM ALEKSANDROVICH, 1908—**
Honoring Academician V. A. Trapeznikov. Vest. AN SSSR 36 no. 1:150-160 Ja '66.
V. A. Trapeznikov on his 60th birthday. Avtom. i telemekh. 15 no. 1:180-192 '66.
- TRAUMATISM**
(see also subdivision under Petrozavodsk)
Intravenous administration of novocaine as a measure for treating traumatic shock. N. D. Gashimov. Azerb. med. zhur. 43 no. 1:81-64 Ja '66.
What we learn from experience. N. Borychev. Sov. shakht. 15 no. 2:21-22 F '66.
- TRAVELING-WAVE TUBES**
Calculation of the coefficient of coupling and depression of a ribbon helix with interaction of the electron stream with the field of one of the spatial harmonics. L. N. Loshakov, E. B. O'kegogge. Radiotekhn. i elektron. 11 no. 3:503-513 Ma '66.
Effect of sectionalization on the saturation power of a traveling-wave tube with rather large values of the space charge parameter. A. I. Denisov. Radiotekhn. i elektron. 11 no. 4:721-730 Ap '66.
- Nonlinear theory of traveling-wave amplifiers with n-type conductivity. Yu. P. Voloshchenko, V. A. Malyshev. Radiotekhn. i elektron. 11 no. 4:699-708 Ap '66.**
- TRAVERTINE AS FEED**
Effect of travertine on the secretory activity of the digestive glands. I. A. Burkov. Trudy Mosk. vet. akad. 10 no. 2 pt. 1:147-153 '57.
- TRAWLS AND TRAWLING**
(see also subdivision under North Sea, Norwegian Sea)
Application of the dimension analysis method for determining absolute trawl efficiency. V. A. Ionov. Ryb. khoz. 42 no. 2:46-48 '66.
Device for holding quarter rope during trawl hauling. Yu. B. Baranov. Ryb. khoz. 42 no. 2:55 '66.
Observations on the vertical migrations of herring in the main wintering area of the Norwegian Sea and the catching capacity of a midwater trawl in 24 hours. I. G. Iudinov. Mal. rybkhoz. i sel. Sev. kaz. no. 5:29-34 '65.
Our proposals for improving the BMRT-type vessels. V. E. Korylin. Ryb. khoz. 42 no. 2:26-29 '66.
Use of color twine in trawl construction. A. Grigunov. Ryb. khoz. 42 no. 2:39 '66.
Use of long bare ends of rope in bottom trawls. V. M. Kuznetsov. Ryb. khoz. 40 no. 8:38-40 '64.
- TRAWLS AND TRAWLING—HYDRODYNAMICS**
Hydrodynamic calculation of the lifting board. V. Savostianov. Ryb. khoz. 42 no. 2:56-58 '66.
- TREATIES**
Proceedings on the law of treaties of the 17th session of the United Nations International Law Commission. G. I. Tunkin, B. N. Nechaev. Sov. gos. i pravo 36 no. 4:56-62 Ap '66.
- TREATIES—REVISION**
Zakharova, N. V. [Influence of social revolution on the validity of international treaties] Vliyanie sotsial'noi revolyutsii na silu mezhdunarodnogo dogovora. Moskva, Nauka, 1966, 140 p.
- TREES** see subdivision under Crimea, Kola Peninsula
- TREES—DISEASES AND PESTS**
(see also subdivision under Apsheron Peninsula)
Study of biological properties of *Pomes pomatulus* (Fries) Kichx. strabus from various trees. P. A. Suvorov. Bluzh. MOIP. Otd. biol. 71 no. 1:95-106 Ja-F '66.
- TREES—FERTILIZERS AND MANURES**
Fertilizers and the growth of tree species under irrigation. D. M. Gruzdev. Vest. sel'khoz. nauk. 10 no. 6:91-96 Ja '66.
- TREES—IRRIGATION**
Fertilizers and the growth of tree species under irrigation. D. M. Gruzdev. Vest. sel'khoz. nauk. 10 no. 6:91-96 Ja '66.
- TREES—PHYSIOLOGY**
Methods of determining the respiration rate of young growth in a forest. A. M. Akhshon. Bot. zhur. 51 no. 1:83-92 Ja '66.
- TREES IN WINTER**
Changes in the pigment system of the bark of some trees in winter. L. V. Boz zakvika. Ukr. bot. zhur. 22 no. 1:19-25 '65.
- TREMATODA**
(see also subdivision under Moldavia)
Controlling dioeciosis in sheep. S. I. U. Aliev and others. Veter. inarila 42 no. 1:16-17 Ja '66.
Preservation of the viability of the eggs of *Dicrocoelium lanceatum* Stiles et Hassall, 1890 in the external environment. I. I. Vershinin. Trudy Mosk. vet. akad. 19 no. 2 pt. 1:15-20 '57.
Ultrastructure of envelopes and feeding habits of rediae and sporocysts (*Trematoda*). V. A. Gineitsinskaya, V. F. Mashenok, A. A. Dobrovolskii. Dokl. AN SSSR 166 no. 4:1003-1004 F '66.
- TREMATODA—HOST ANIMALS**
Observations of the epizootology of *Dicrocoelium* in sheep and the biology of the parasite in Kaluga Province. I. I. Vershinin. Trudy Mosk. vet. akad. 19 no. 2 pt. 1:3-15 '57.
- TRENCHING MACHINERY**
Canals of parabolic cross sections can be worked with a two-trolley trencher. B. Kizincev. Trud. v sel'khoz. 26 no. 2:23-24 F '66.
Trench diggers with scraping working parts for the construction of drainage networks. V. Suklov. Trud. v sel'khoz. 26 no. 2:35-36 F '66.
- TRESTLES**
Basic technological features of the design of an automated trestle at a filling point of the eastern pipeline. V. T. Kuprianov. Transp. i khran. nefl. i nefteprod. no. 2:20-23 '66.
- TRIANGULATION**
Necessary precision of base measurements in micro-triangulation networks. O. V. Tupolev. Geod. i kart. 11 no. 1:38-41 N '65.
Orientation and scale of subsidiary nets of the second order of triangulation for first-order triangulation nets with long sides. B. R. Balyin, S. M. Andreev. Geod. i kart. 11 no. 2:11-14 F '66.
- TRIAZINE**
Active triarylloyl triazine dyes. V. F. Boronkin, T. S. Semenova, N. A. Volkova. Izv. vuz. khim. i tekhn. 1 khim. i tekhn. 8 no. 8:993-995 '66.
- TRIAZOLE**
New synthesis of 4-aryl-1,2,3-triazoles. A. N. Neamenov, M. I. Rybinskaya. Dokl. AN SSSR 167 no. 1:109-111 Mr '66.
- TRICHINA AND TRICHINOSIS**
(see also subdivision under Ryskhany District)
Effect of steroid therapy during the acute period of trichinellosis and the convalescence. Report No. 2: Effect of steroids on the clinical aspect and morphology of muscle lesions in trichinellosis. N. N. Ozeretskaya and others. Med. parazit. i parazit. bol. 35 no. 2:104-171 Mr-Ap '66.
Natural foci, epidemiology and clinical aspects of trichinellosis. I. R. Drobnitskiy, Z. Ia. Kromeyeva. Trudy Kish. gos. med. inst. 14:180-222 '61.
- TRICHOCEPHALIASIS**
Differential diagnosis of epidemic hepatitis and trichocephaliasis. V. D. Zhitar, Trudy Kish. gos. med. inst. 14:131-134 '61.
- TRICHOMONIASIS**
Lakhovitskiy, N. S. [Trichomoniasis in men, women, and children; etiology, epidemiology, pathogenesis, clinical aspects, and treatment] Trichomonoz muzhchlin, zhenskchlin i detei; etiologiya, epidemiologiya, patogeneza, klinika, techenie. Moskva, Meditsina, 1966, 155 p. (Biblioteka prakticheskogo vracha) (DNLM)
- Trichomonas infection and Intersiphilic Illness of the Cervix uteri. R. M. Solodovskiy, D. R. Zolotarev, D. I. Kovnatskiy. Vop. onk. 12 no. 1:17-11 '66.**
- TRIETHYLENE GLYCOL**
Recovery of triethylene glycol by means of a new class solvent. I. T. Gurevich, L. I. Zubov, M. I. Podolskiy. Khim. i tekhn. topol. i mater. 11 no. 1:20-22 Ap '66.
- TRIGEMINAL NERVE**
Evoked potentials of the cerebral cortex in cats following stimulation of the ophthalmic nerves and the ophthalmic branches of the trigeminal nerve. D. P. Matfushkin, N. V. Shipova. Zh. kol. i hum. 59 no. 3:240-242 Mr '66.
- TRIGGER CIRCUITS**
Transient processes during phase switching in a three-positional parameter trigger. I. S. Vorobey, I. A. Imanit. Radiotekhn. i elektron. 11 no. 4:770-772 Ap '66.
- TRIGONOMETRICAL FUNCTIONS—TABLES, ETC.**
Zagreb, D. V. [Seven-place tables of the natural values of trigonometric functions for every hundredth part of a grade; decimal division of the circle] Semiznachnye tabitsy natural'nykh zmechayemykh funktsiy dlia kazhdoy stolet grada, desiatichnoe delemo okruzhnosti. Moskva, Nauka, 1966, 145 p.
- TRIGONOMETRY**
Methods for solving certain trigonometric equations and a compass and ruler. B. D. Shneider. Trudy VTI 1 no. 28:84-95 '66.
- TRIGONSKOYE (PSKOV PROVINCE)—MISC. BIBLIOG.**
Gelchenko, S. S. [Trigonoskoye; a brief guide to Trigonoskoye, Karkhi paleovillage] Leningrad, Khudozhnik, RSFSR, 1965, 19 p. (NIC)
- TRIMETHYLAMINE**
Kinetics of alkaline hydrolysis of trimethylamine hydroxide. I. G. Ryba, L. V. Plogunova. Khim. i tekhn. 1 no. 1:100-111 Ja-F '66.
- THIOXANI**
Pressure of the saturated vapors of thioxane. I. I. Sechilapina, R. Sh. Byk. Khim. prom. 11 no. 2:87-82 N '65.
- THIOXANE, EFFECT OF RADIATION ON**
Radiation induced solid state polymerization of thioxane. I. A. G. Uman, L. A. Shontin, A. D. Gromov, V. G. Gromov. Usp. khim. 34 no. 2:261-255 F '66.
- TRITIUM**
Determinability of extremely small quantities of ^3H and $^3\text{H}_2$. S. V. Vidorov, G. I. Kochurov, V. O. Zolotarev. Zhur. tekhn. i tekhn. 30 no. 1:100-101 Ja '66.
Tritium content of atmospheric precipitation in Moscow in 1962-1963. L. M. Akimov, I. D. Kuznetsov, V. M. Tskonaki. Atom. energ. 20 no. 1:84-85 Ja '66.
- TRITYL GROUP**
Synthesis of 2,3-bis(4-0-0-0-trityl)cellulose. G. N. Ivanova and others. Khim. i tekhn. 3 no. 1:3-4 F '66.
- TROLLEYBUSES**
Iablonskiy, M. P. [Manual on the operation and maintenance of ZIU-5 trolleybuses] Pannitsa po upravleniyu trolleibusami ZIU-5. Moskva, Stroitel'stvo, 1965, 60 p.
- TROPICS—ATMOSPHERE**
Zonal circulation in the equatorial latitudes. I. I. Litvinenko. Meteor. i gidrol. no. 3:26-32 Mr '66.
- TROPICS—BIOClimatology**
Some biometeorological conditions of the voyage of the Tenth Soviet Antarctic Expedition in the 1960s. W. Chelchowski. Inform. bluzh. Sov. antark. eksp. 1 no. 53:45-50 '65.
- TROUT** see subdivision under Carpathian Mountains
- TRUSKAVETS REGION (UKRAINE)—MINERAL WATERS—COMPOSITION**
Study of organic matter in the mineral waters of the Truskavets deposit. I. V. Grinberg and others. Geol. i geo. khim. naft. i gaz. mentozh. no. 3:36-49 '66.
- TRUSSES**
Precast prestressed concrete trusses with strand reinforcement. Bluzh. stroit. tekhn. 28 no. 1:20-22 Ja '66.
Selecting a technology for preparing reinforced concrete trusses. I. A. M. Iakubson. Bot. i zhel. i hot. 11 no. 3:7-10 Mr '66.
- TRUXILLIC ACID**
Range of the therapeutic action and duration of the curative effect of dialkylammonium truxillates. L. A. Kravchuk. Farm. i toks. 29 no. 1:53-60 Ja-F '66.

- TRYPSIN**
Proteolytic activity and the content of trypsin inhibitor in the blood serum and pancreatic juice in chronic pancreatitis. V. A. Shaternikov. Vop med. khim. 12 no. 1 103-105 Ja-F '66.
- Simplified method for the trypsinization and cultivation of single-layer tissue cultures of rabbit kidneys. I. S. Kuchmasov, N. S. Uddina. Veterinarika 42 no. 1: 22-24 Ja '66.
- TRYPTOPHAN**
Effect of tryptophan on the formation of penicillin acylase in *Bacterium faecalis* alcaligenes No 415 V. A. Gotovtseva, M. M. Levitov. Mikrobiologiya 34 no. 6, 970-982 N-D '65.
- TRYPTOPHAN METABOLISM**
Study of carcinogenic tryptophan metabolites as haplens. T. A. Kozosteva, E. N. Krutova, A. T. Zasyuka. Vop. onk. 12 no. 2 41-49 '66.
- TSAREV, MIKHAIL**
The artist, the poet, and the time. Mikhail Zharov. Teatr 27 no. 2 31-35 F '66.
- TSELINYY KRAY** see Virgin Territory
- TSELINOGRAD PROVINCE—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR**
Capital repair. I. Butin. Sov. prof. obz. 22 no. 3 4-5 F '66.
- TSELINOGRAD PROVINCE—SUGAR BEETS—FERTILIZERS AND MANURES**
Effect of mineral fertilization on the productivity of sugar beets in Tselinograd Province. L. G. Dobrenov, K. T. Vershinina. Izv. AN Kazakh. SSR, Ser. biol. nauk 4 no. 1: 35-41 Ja-F '66.
- TSELINOGRAD PROVINCE—TRACTORS**
For the future harvest crops. V. Sakovisev. Tekh. sel'khoz. 26 no. 2 19-21 F '66.
- TSELINOGRAD REGION—WEASELS**
Effect of temperature on the ermine locomotion in winter. V. A. Kraft. Zool. zhur. 45 no. 1 148-150 '66.
- TSITEL-TSKARO DISTRICT—NEMATODA**
New nematode *Mesodorylaimus vulvopapillatus* n. sp. (Nematoda: Dorylaimoidea) from eastern Georgia. N. L. Bagaturia, I. A. Eliava. Soob. AN Gruz. SSR 41 no. 1: 169-172 Ja '66.
- TUARKYR REGION (TURKMENISTAN)—PALEOBOTANY, STRATIGRAPHIC**
Analysis of the floral composition of Lower Jurassic sediments in Tuarkyr based on data of the study of fossil plants. N. U. Nurmashev. Izv. AN Turk. SSR, Ser. fiz.-tekhn. khim. i geol. nauk no. 8 115-119 '65.
- TUBERCULIN—TESTING**
Phase regularities of changes in tuberculin reactions. A. I. Vologov. Sov. med. 20 no. 2 66-73 F '66.
- TUBERCULOSIS**
(see also subdivision under Nikolayev Province, Ukraine)
Activity of serum enzymes (transaminase and alkalase) in pulmonary tuberculosis and associated diseases of the liver and gallbladder. A. M. Vilderman, Z. A. Evgrafova. Probl. tub. no. 3 74-81 '65.
- Atokandrovskii, B. P.** [From the work experience of a phthisiologist] Iz opyt. raboty filiziatra. Kiev, Zdorov'ia, 1966. 65 p. (DNLM)
- Association of pulmonary tuberculosis with toxoplasmosis. V. P. Rudin, I. D. Nelyubko, N. A. Iova. Probl. tub. no. 3 88-89 '65.
- Bacteriologic and cytologic studies in the diagnosis of nonspecific endobronchitis in patients with pulmonary tuberculosis. N. A. Satyr. Probl. tub. no. 5 78-82 '66.
- Bronchogenic cancer and tuberculosis of the lungs. F. S. Golubtsov. Vop. onk. 12 no. 3 12-10 '66.
- Candidiasis as a complication of antibacterial therapy in pulmonary tuberculosis. L. G. Kovalevko. Probl. tub. no. 5 28-33 '66.
- Changes in the electrocardiogram in patients with tuberculosis following various forms of pulmonary resection. S. R. Lachinlan, Z. S. Kidanova. Probl. tub. no. 5 33-41 '65.
- Characteristics of surgical treatment of patients over 45 years with pulmonary tuberculosis. S. B. Sokolov. Probl. tub. no. 5 52-56 '65.
- Chemotherapy and drug resistance in the clinical aspects of tuberculosis. D. D. Aseev. Probl. tub. no. 3 10-15 '65.
- Children will not have tuberculosis. R. Arslanov. Dostik. vop. 39 no. 2 58-59 F '66.
- Clinical and epidemiologic aspects of pulmonary tuberculosis in aged persons. V. I. Okrema. Probl. tub. no. 6: 49-52 '65.
- Clinical aspects and therapy of neurological complications in operations for pulmonary tuberculosis. M. G. Fainberg, R. A. Benovatala. Probl. tub. no. 3 48-49 '65.
- Clinical course of pulmonary tuberculosis complicated by candidiasis. Sh. A. Allimov, O. O. Udit, A. S. Gapon'ko. Probl. tub. no. 5 24-28 '65.
- Course and outcome of focal pulmonary tuberculosis according to dispensary data. N. E. Tikhomirova, I. G. Uisov. Probl. tub. no. 5 13-17 '65.
- Course of focal forms of pulmonary tuberculosis in adolescents. O. B. Lifshits, V. I. Romanova. Probl. tub. no. 3 31-37 '65.
- Detection of early pulmonary tuberculosis by large-photo-graph fluorography in polyclinics. B. A. Bakshidov. Azerb. med. zhur. 43 no. 1 43-49 Ja '66.
- Effect of euphylline on hemodynamics of the lesser circulation in pulmonary tuberculosis. I. U. N. Shtalngardt. Probl. tub. no. 3 82-86 '65.
- Effectiveness of chemotherapy in pulmonary tuberculosis with various combinations and sequence of drugs. D. D. Aseev, I. S. Sergeev, N. V. Laptva. Sov. med. 27 no. 5 89-93 My '64.
- Effectiveness of chemotherapy in tuberculosis in children. M. P. Pokhitonova and others. Probl. tub. no. 3 15-20 '65.
- Functional state of the kidneys in pulmonary tuberculosis before and after radical surgery. M. I. Koregoda. Probl. tub. no. 5 42-44 '65.
- Intermittent method for the treatment of experimental tuberculosis with streptomycin only and streptomycin combined with methadone. O. O. Makeeva, G. N. Peshkin. Probl. tub. no. 5 71-78 '65.
- Outpatient treatment of tuberculous patients. F. V. Shebrinov. Probl. tub. no. 3 3-7 '65.
- Recurrence and exacerbation of pulmonary tuberculosis. V. L. Elnis, V. E. Tuganova, V. P. Kolosovskaya. Probl. tub. no. 3 20-26 '65.
- Role of focal changes in the development of fibrocavernous pulmonary tuberculosis. A. V. Ershova. Probl. tub. no. 3 37-41 '65.
- Role of tomographic examinations in the study of the pathogenesis and focal characteristics of pulmonary tuberculosis. N. E. Tikhomirova. Probl. tub. no. 3 27-31 '65.
- Role of tuberculosis in the development of gastrointestinal ulcers. S. A. Mamedzade, R. E. Kokhman, S. A. Kerimova. Azerb. med. zhur. 43 no. 1 10-15 Ja '66.
- Use of large doses of antibacterial preparations in surgical therapy of fibrocavernous pulmonary tuberculosis. A. Zaza. Probl. tub. no. 3 41-45 '65.
- X-ray kymographic studies of the heart in active forms of pulmonary tuberculosis. V. I. Kolesnikov. Probl. tub. no. 5 45-49 '65.
- TUBERCULOSIS—DIAGNOSIS**
Problem of the early detection of pulmonary tuberculosis. N. S. Dialelova. Sov. med. 27 no. 5 142-147 My '64.
- TUBERCULOSIS—HANDBOOKS, MANUALS, ETC.**
[Phthisiologist's manual] Spravochnik filiziatra. Pod obshch. red. N. A. Shmelova i V. L. Elnisa. 2. izd., 1. i dop. Moskva, Meditsina, 1966. 416 p. (DNLM)
- TUBERCULOSIS IN ANIMALS** see subdivision under Vologda Province
- TUBES**
Determining an optimum tube length during drawing. I. U. F. Shevkin, A. M. Rytkov, V. A. Tsvet'nikov. TSvet. med. 39 no. 1 66-72 Ja '66.
- TUGBOATS**
Working out an optimum plan for assigning the tugboat and barge fleet to cargo lines. A. A. Soluzov, V. Z. Anan'ina. Ekon. i tekhn. mor. transp. no. 2 10-26 '65.
- TULA PROVINCE—BUCKWHEAT—FERTILIZERS AND MANURES**
Let us increase the production of high-quality grain. V. N. Gorshakov. Zemledelie 28 no. 1 38-39 Ja '66.
- TULA PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS**
[Do you remember, comrade? ... Recollections of the soldiers and officers of Tula Province partisan detachments] Ty pomnish', tovarishch' ... Vospominaniya bols'ov i komandirov i ul'kikh partizanskikh otriadov. Tula, Priokskoe kalzhnos izd-vo, 1965. 238 p. (CST-II)
- TULAREMIA**
(see also subdivision under Azerbaijan)
Materials on the study of the abdominal form of tularemia. I. R. Drobnitskii. Trudy Kish. gos. med. inst. 14 327-335 '61.
- Study of a natural tularemia focus in winter. R. I. Ulanova and others. Zool. zhur. 45 no. 1 24-31 '66.
- TULAREMIA—MICROBIOLOGY**
Study of the dynamics of the bacteriologic process following treatment with kanamycin, chloritetracycline and streptomycin in experimental tularemia. E. M. TSvetkova. Antibiotiki 11 no. 9 253-257 Mr '66.
- TULIP BREEDING**
Hybridization and polyploidy in tulip varieties produced from wild Central Asiatic species. T. F. Petrova, Z. M. Silina. Genetika no. 2 89-100 '66.
- TUMORS**
Serum diagnosis reaction in tumorous diseases. A. K. Pankov and others. Lab. dolo no. 3 171-174 '66.
- TUMORS—BLOOD SUPPLY**
Blood supply of tumors in structurally different organs. N. V. Krylova. Arh. anat., anat. i embri. 60 no. 1: 76-90 Ja '66.
- TUNDRAS**
Tree planting in the tundra. V. V. Kuchukov. Priroda no. 2 60-71 F '66.
- TUNDRAS—MAPS**
Experience in editing work in the preparation of topographic maps of wooded and mountain tundras. V. S. Shevtsov. Grod. i kart. no. 11 51-55 N '65.
- TUNGSTEN**
Determination of the heat of adsorption of osmium on filamentary tungsten depending on the method of treating the filaments. O. Kakharov, O. N. Shuppe. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 1 65-68 '66.
- Effect of tungsten on the determination of molybdenum by the thiochrome method. V. K. Polokhov, J. L. Lebedeva. Zhur. anal. khim. 21 no. 2 187-186 '66.
- Ion-exchange separation of molybdenum, tungsten, vanadium, and rhenium. M. V. Darbinian, A. A. Daniellian. Izv. AN Arm. SSR, Khim. nauk 17 no. 5 495-500 '64.
- TUNGSTEN—ANALYSIS**
Dioxochromenols as photometric reagents for tungsten. E. N. Poluektova. Zhur. anal. khim. 21 no. 2 187-191 '66.
- TUNGSTEN—ELECTRIC PROPERTIES**
X-ray investigation of tungsten sheets. V. K. Pirogov, E. G. Shiklov. Izv. SO AN SSSR no. 10 Ser. tekhn. nauk no. 3 168-171 '64.
- TUNGSTEN-COBALT ALLOYS—TESTING**
Resistance of hard alloys to ultrasonic plastic deformations. V. M. Polepkin. Porosh. mat. 8 no. 3 101-103 Mr '66.
- TUNGSTEN COMPOUNDS—SPECTRA**
Infrared absorption spectra of some tungsten compounds. I. U. Kharitonov and others. Izv. AN SSSR, Neorg. mat. 2 no. 2 321-324 F '66.
- TUNGSTEN CRYSTALS**
Energy spectra of atoms dispersed from tungsten single crystals by ion-cathode ions. M. B. Bon'iaminovich, R. A. Ashimlanekii. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 10 no. 2 58-62 '66.
- Use of the flash method in studying the chemisorption of oxygen on polycrystalline tungsten filaments. I. U. K. Ustinov, N. I. Ionov. Zhur. tekhn. fiz. 35 no. 11 2090-2103 N '65.
- TUNGSTEN OXIDES**
New binary oxides of uranium and tungsten. O. N. Ruzanova, V. K. Trunov, L. M. Kavba. Izv. AN SSSR, Neorg. mat. 2 no. 2 319-320 F '66.
- TUNICATA**
Asexual reproduction of the ascidian *Diplaphia ungeriana*. Report No. 2: Budding in the stages of metamorphosis. O. M. Ivanova-Knazu. Vest. LGU 21 no. 3 45-56 '66.
- TUNISIA—LABOR AND LABORING CLASSES**
Origins of the national labor movement in Tunisia. 1924-1925. N. A. Ivanov. Nar. Az. i Afr. no. 2 45-56 '66.
- TUNNELING**
(see also subdivision under Charvak Hydroelectric Power Station; Suramli Range; Vakhsh Valley)
Construction of a hydraulic tunnel of great length from both ends. A. N. Aliforov. Energ. stroi. no. 44 30-42 '64.
- Construction of a derivation of a section of a derivation tunnel in lacustrine sediments. N. D. Charkhalashvili. Energ. stroi. no. 44 33-38 '64.
- Methods of improving temporary supports in driving hydraulic tunnels. V. M. Mostikov, I. I. Grossman. Gidr. stroi. 36 no. 1 8-12 Ja '60.
- Moscow. Nauchno-issledovatel'skii institut osnovanii i podzemnykh sooruzhenii. [Provisional technical instructions for using shields with horizontal shelves in the construction of tunnels in loose soil] Vremennyye tekhnicheskie ukazaniya po primeneniiu shchitov s gorizontальnymi polkami pri stroitel'stve tunnelov v sypuchikh gruntakh. Moskva, Stroizdat, 1966. 30 p.
- Smooth blasting in hydraulic tunneling. V. M. Mostikov, P. D. Stepanov, V. I. Kokorev. Energ. stroi. no. 44 29-33 '64.

TURBINES

Feet per second in using arch shooting in the construction of the diversion tunnel of a hydroelectric power station. *V.M. Verbitskiy, Gidrot. 35 no. 2:20-31 F '65*

TURBINES—DESIGN AND CONSTRUCTION see sub-division under Leningrad

TURBIDITY

Effect of hydro-turbidimetric analysis, light extinction method for studying the system $10\text{SO}_4 - \text{CaH}_2\text{SO}_4 - \text{H}_2\text{O}$ in the presence of cations of different valence. *A.G. Khar'kovskiy, M.D. Fedotkin, Sborn. nauch. rab. Volog. gos. univ. no. 1:3-8 '64*

Transistorized photoelectric detector of the turbidity of water. *P.I. Shulgin and others, Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 10 no. 1:88-89 '66*

TURBINES

Distribution of stresses in a four-terminal blade root. *V.S. Suminov, Energomashinostroenie 12 no. 2:39-40 F '66*

G.F. Kalinin's reply to a critical remark made by A.B. Buz'molov and V.B. Lember'skiy. *G.E. Kalinin, Teploenergetika 12 no. 12:95-96 D '65*

TURBINES—ABSTRACTS

[Turbine manufacture] *Ref zhur. Turbostr. no. 2 F '66*

TURBINES—BLADES

Pliability of teeth and the selection of gaps between the teeth of herringbone tail joints of turbine blades. *Ch.G. Musatkin, Vest. mashinost. 46 no. 2:16-20 F '66*

TURBINES—MATHEMATICAL MODELS

Use of conditional feedback systems in the reproduction of turbine characteristics in electrodynamic models of electric power systems. *V.V. Buevich, Izv. AN SSSR. Energ. transport no. 1:40-50 Ja-F '66*

TURBOGENERATORS

(see also sub-division under Bratsk Hydroelectric Power Station)

Change in the installation process of the K-150-130 turbine and TVV-165-2 turbogenerator. *A.Z. Mintsis, Energ. stroit. no. 7:25-31 '65*

Installation of the turbobunt. *Energ. stroit. no. 45:3-13 '64*

Installation of the turbobunt. *N.A. Gidrat, V.D. Ivanovskiy, Energ. stroit. no. 16:61-73 '64*

Mathematical modeling of the hydraulic turbine-generator unit of an electric power plant. *S.G. Akopian, Izv. AN SSSR. Energ. transport no. 1:124-130 Ja-F '66*

A preliminary summing up of the installation, tune-up and starting operations on the 300 Mw main blocks. *I.B. Slonimskiy, Energ. stroit. no. 45:123-132 '64*

Problems in the standardization of the construction and parameters of turbogenerators and hydrogen generators. *M.P. Kostenko and others, Elektrotehnika 37 no. 2, 1-3 F '66*

TURBOGENERATORS—TESTING

Device for determining short circuits in the rotor of a turbogenerator. *N.A. Titov, V.N. Evgen'ev, Energetika 14 no. 3:30-32 M '66*

TURBOMACHINES—BLADES

Markov, N.M. [Theory and design of the blade apparatus of axial-flow turbomachines] *Teoriya i raschet lopatocchnogo apparata osyevykh turbomashin. Moskva, Mashinostroenie, 1968, 239 p.*

TURBOMACHINES—MAINTENANCE AND REPAIR

Device for locating sticking points in the vacuum system of a turbine stage. *V.L. Verbitskiy, Energetika 14 no. 3:21-22 M '66*

TURBULENCE

Constant factors in the initial area of free turbulent currents. *V.N. Taliev, Izv. vyz. ucheb. zav., stroit. i arkhitekt. 9 no. 1:110-114 '66*

Determination of turbulence characteristics of a stream by its dynamic action. *B.M. Egizis, Izv. VNIIG 78:328-339 '65*

Effect of bottom ridges on turbulence characteristics of free streams. *V.S. Knoroz, Izv. VNIIG 78:142-170 '65*

Influence of horizontal turbulent friction of the tidal variations of sea level. *B.A. Kagan, A.V. Nekrasov, B.E. Tamsala, Izv. AN SSSR. Fiz. atm. i okeana 2 no. 2:174-182 F '66*

Thermodynamics of turbulent flows. *V.I. Tokarev, Gidromekhanika no. 2:69-74 '65*

Turbulence parameter M in streams beneath low jumps. *L.G. Moskvina, Izv. VNIIG 77:341-345 '65*

TURGENEV, IVAN SERGEEVICH, 1818-1883

"From Turgenev's batch of letters," *L.D. Opul'skaya, Izv. AN SSSR. Ser. lit. i jaz. 25 no. 1:43-46 Ja-F '68*

I.S. Turgenev, N.V. Sholgunov, and L.P. Blummerz: Ideological characteristics of Potuglin, the hero of novel "Smokov." *A.B. Muratov, Vest. LGU 19 no. 20: 67-76 '64*

TURKELTAUB, NUSIN MOTELEVICH, 1915-1965

N.M. Turkel'taub, an obituary. *Mekhkhimika 5 no. 3: 443-154 My-Ju '65*

TURKES—REVOLUTION, 1917-1921

Nukshov, P.P. [From the history of the collapse of the left socialist revolutionaries in Turkestan] *Iz istorii krakha levyykh esevov v Turkestano. Frunze, "Kyrgyzstan," 1965, 178 p.*

The supreme command of the Turkestan Republic. *A. Zvezdelev, I. Tolstankov, Voenn.-ist. zhur. 8 no. 3: 101-106 Mr '68*

TURKEY—EUROPEAN WAR, 1914-1918

Ludshuvell, E.F. [Turkey during the years of the First World War, 1914-1918, military and political outline] *Turkialla v gody Pervoi Mirovoi voyny, 1914-1918 gg., voennopoliticheskiy ocherk. [Moskva] Izd-vo Mosk. univ., 1966, 385 p.*

TURKEY—FOREIGN RELATIONS—UNITED STATES

History of the U.S. policy toward Turkey, 1950-1960. *I.F. Chernikov, Uzb. ist. zhur. 10 no. 1:92-60 Ja '66*

TURKEY—POLITICS AND GOVERNMENT

The coup d'état of May 27, 1960, and the second republic in Turkey. *Sabiha Sertel, Nar. Az. i Afr. no. 2:37-41 '66*

TURKIC LANGUAGES

Philological analysis of the "arkhan" licenses issued by the Khans of the Golden Horde to Russian Metropolitanians. *A.K. Borovkov, Izv. AN SSSR. Ser. lit. i jaz. 25 no. 1:13-24 Ja-F '68*

Problems of Turkic dialectology: conference in Baku. *G.F. Blagova, Vest. AN SSSR 36 no. 1:156-157 Ja '66*

TURKIC LANGUAGES—FOREIGN ELEMENTS—RUSSIAN

Isganailova, V.A. [Turkic verbs with stems borrowed from Russian; derivative verbs formed synthetically and analytically] *Turkika glagoly s osnovami, zaimstvovannymi iz russkogo yazyka, proizvodnye glagoly sinteticheskogo i analiticheskogo obrazovaniya. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1968, 244 p.*

TURKIC LANGUAGES—GRAMMAR, COMPARATIVE

Akademik nauk Uzbekskoi SSR, Tashkent, Institut yazyka i literatury. [Studies on the grammar and lexicon of the Turkic languages] *Issledovanie po grammatike i leksike turkikh yazykov. Tashkent, Izd-vo "Nauka" UzSSR, 1965, 207 p.*

TURKIC LANGUAGES—SENTENCES

Nurmakhanova, A.N. [Patterns of the simple sentence in the Turkic languages; grammatical and intonational characteristics based on the Uzbek, Kara-Kalpak, and Kazakh languages] *Tipy proslogo predlozheniya v turkikh yazykakh; grammaticheskie i intonatsionnye osobennosti na materinskikh uzbekskogo, karakalpakskogo i kazakhskogo yazykov. Tashkent, Izd-vo "Nauka" UzSSR, 1965, 153 p.*

TURKIC LANGUAGES—VERB

Isganailova, V.A. [Turkic verbs with stems borrowed from Russian; derivative verbs formed synthetically and analytically] *Turkika glagoly s osnovami, zaimstvovannymi iz russkogo yazyka; proizvodnye glagoly sinteticheskogo i analiticheskogo obrazovaniya. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1968, 244 p.*

A system of personal verbal morphs in Turkic languages. *IU. IA Glazov, Nar. Az. i Afr. no. 2:110-124 '66*

TURKIC LANGUAGES—VOWELS

Omission of short vowels in the Turkic languages. *B. Kalliev, Vest. AN Kazakh SSR 22 no. 2:67-74 F '68*

TURKIC MANUSCRIPTS see Manuscripts, Turkic

TURKISH MANUSCRIPTS see Manuscripts, Turkish

TURKMENISTAN—CAVES

Dam-Dam Cheshme 2, a grotto in the eastern Caspian Sea region. *G.E. Markev, Sov. arkh. 10 no. 2:104-123 '66*

TURKMENISTAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The 19th Congress of the Communist Party of Turkmenistan. *Part. zhizn' no. 6:60-62 Mr '66*

TURKMENISTAN—COTTON GROWING

Practices in building subsurface drainage on quicksand. *L.P. Turin, Gid. i mel. 19 no. 3:28-32 Mr '68*

TURKMENISTAN—DRAINAGE

Practices in building subsurface drainage on quicksand. *L.P. Turin, Gid. i mel. 19 no. 3:28-32 Mr '68*

TURKMENISTAN—FAULTS (GEOLOGY)

Mechanism of the formation of the linear structure of regional faults in the Repetek and Murgab zones. *F.M. Mirkhamidov, Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 6:82-87 '65*

TURKMENISTAN—FORAMINIFERA, FOSSIL

New genus of large foraminifera from the Lower Permian of Turkmenia. *I.V. Mamontova, Paleont. zhur. no. 1:115-117 '66*

TURKMENISTAN—GALLIUM

Mode of occurrence of gallium in limonites. *A. Kalliev, Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 6:88-93 '65*

TURKMENISTAN—GEOLOGY

Historical and tectonic plan for the development of Turkmenia in the Cretaceous. *G.I. Amirkhankov and others, Sov. geol. 9 no. 1:78-82 Ja '66*

TURKMENISTAN—GEOLOGY, STRATIGRAPHIC

Contacts of the Mankop series with the underlying and overlapping sediments. *L.D. Iatchenko, Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 6:112-114 '65*

TURKMENISTAN—HAIL

Thunderstorms and hail in Turkmenistan. *I.K. Balakirev, Priroda 55 no. 3:127-128 '66*

TURKMENISTAN—LIMONITE

Mode of occurrence of gallium in limonites. *A. Kalliev, Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 6:88-93 '65*

TURKMENISTAN—MAN, PREHISTORIC

The Gek-Sur necropolis: the excavations of 1963. *V.I. Sarinidil, Mat. i issl. po arkheol. SSSR no. 33:144-145 '65*

TURKMENISTAN—OSTRACODA, FOSSIL

Upper Cretaceous Ostracoda in southern Turkmenistan. *I.U. N. Andreyev, Ch. Orashcheyev, Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 6:101-100 '65*

TURKMENISTAN—SAIGA

Saiga (saiga tatarica L.) in Turkmenia. *N. Ishakov, Zool. zhur. 45 no. 1:151 '68*

TURKMENISTAN—THUNDERSTORMS

Thunderstorms and hail in Turkmenistan. *I.K. Balakirev, Priroda 55 no. 3:127-128 '66*

TURKMENISTAN—WATER, UNDERGROUND

Hydrodynamic and petrohydrodynamic conditions of Pliocene sediments in the West Turkmenian depression. *V.V. Kolodil, Sov. geol. 9 no. 2:50-62 I '66*

TURKS see sub-division under Altai Mountains

TURNAS, PETR ANTONOVICH, 1894-1966

Petr Antonovich Turnas; obituary. *Trof. pram. 17 no. 2:90 '66*

TURNING

Effect of the inclination angle of the main cutting edge on composite cutting forces in restricted turning of hard-to-cut steels. *N.P. Litov, Vest. mashinost. 46 no. 2:74-76 F '68*

Improving the machining of bearing rings on lathe. *V.M. Kamevskov, Trudy VNIPP no. 3:78-87 '63*

Rate of friction at the back surface of a cutting tool in turning with vibrating circular tools. *A.N. Reznikov, V.V. Lednikov, Izv. vyz. ucheb. zav., mashinost. no. 1:170-174 '66*

Width and area of the cut in bound oblique turning with a rectilinear cutting tool. *N.P. Litov, Izv. vyz. ucheb. zav., mashinost. no. 1:120-132 '65*

TURNPU, KONSTANTIN, 1865-1927

Tallin, Eesti NSV Teatri-ja Muusikamuuseum. [The composer Konstantin Turnpu] *Hiljooleja Konstantin Turnpu, 1865-1927. Tallin, 1965, 1 v. (chiefly illus.) [In Estonian]*

TUROV (GOMEL' PROVINCE)—EXCAVATIONS

(ARCHAEOLOGY)
A new monument of 12th century architecture in Turuv. *M.K. Kargov, Krat. soob. Inst. arkh. no. 100:130-133 '65*

TURPENTINE INDUSTRY—MANAGEMENT

Work organization in tree tapping is an important potential of the increase in labor productivity. *I.U. M. Kulomzin, Gidroliz. i lesokhim. prom. 10 no. 2:31 '65*

TURPENTINING

Effect of the stroke width on the changes in Scotch pine growth. *I.A. G. Drozhnev, Gidroliz. i lesokhim. prom. 10 no. 2:18 '65*

Efficiency of the use of sulfuric acid pastes in tree tapping with wide streaks. *V.P. Kulgin, A.O. Potapov, Gidroliz. i lesokhim. prom. 10 no. 2:13-15 '66*

Work organization in tree tapping is an important potential of the increase in labor productivity. *I.U. M. Kulomzin, Gidroliz. i lesokhim. prom. 10 no. 2:31 '65*

Sulfite-alcohol spent liquor as prospective resin flow stimulant in pine turpentine. *K. Shecherbakov, Gidroliz. i lesokhim. prom. 10 no. 2:10 '65*

TURUKHAN VALLEY—BOTANY

Vegetation of the Turukhan basin. M. F. Elizai'eva. Rast. po 1. Kras. Krai no. 2 170-180 '65

TUVA A.S.S.R.—TITANIUM

Geochemistry of titanium in the Middle Paleozoic intrusions of northeastern Tuva. E. I. Popolitov, V. I. Kovalenko, E. B. Znamenskii. Geokhimiia no. 3:332-339 Mr '66.

TUVMASY OIL FIELD—OIL RESERVOIR ENGINEERING

Recovery factor of layer D₁₁ of the Tuvmazy field. M. M. Kabirov and others. Neftprom. delo no. 2:8-7 '66.

TUVMASY OIL FIELD—PETROLEUM PRODUCTION

Some results of the initial stage in the development of the Tuvmazy oil field. V. N. Shchelkachev. Neft. khoz. 43 no. 12 35-41 D '65.

TWINE

Use of color twine in trawl construction. A. G. Gudunov. Ryb. khoz. 12 no. 2:39 '66.

TWINS

Changes in electrocardiograms of twins. I. A. Setina. Genetika no. 1:38-141 Ja '66.

2,4-D

Various resistance of monocotyledonous and dicotyledonous plants to herbicides of 2,4-D type. G. A. Dabjanin, A. G. Kankin, Sbor. nauch. i tr. Nauch. i. inst. znan. no. 2 171-107 '61.

TYCHINA, PAVLO FRYKHOROVICH, 1891-

Bar of the ideal of a unified family. Z. M. Ikhuzman. Rad. lit. 10 no. 1:28-37 Ja '66.

TYMPANAL ORGAN—BLOOD SUPPLY

Blood supply of the stapes. L. N. L'ampol'skii. Arkh. anat., gist. i embriol. 50 no. 1 60-70 Ja '66.

TYMPANAL ORGAN—SURGERY

Indications for different types of skin grafting (tympanoplasty) in a radical operation on the middle ear. S. G. Katsenel'son, Sbor. nauch. i tr. vrachei Kar. ASSR. no. 4:126-133 '62.

TYPESETTING

Complicated text can be composed by machine. E. I. Khilnsov. Poligrafia no. 6:28-29 Je '61

TYPHOID FEVER

(See also subdivision under Vietnam)

Case of a second attack of typhoid fever. G. G. Gashimov. Azerb. med. zhur. 43 no. 1 88-90 Ja '66.

Clinical characteristics of the colic forms of present day typhoid fever. G. S. Koval'skii. Sov. med. 20 no. 2: 58-61 I '66.

Effect of helminthiasis on the course of typhoid and paratyphoid diseases. K. T. Tishchenko. Trudy Kish. gos. med. inst. 14:156-158 '61.

Indices of the activity of ceruloplasmin and the copper and zinc content in the blood of patients with typhoid fever and dysentery treated with levomycetin. M. A. Borisova. Sov. med. 20 no. 1 58-63 Ja '66.

Sporadic diseases of the typhoid and paratyphoid group simulating acute appendicitis. E. I. Zverov. Khirurgiia 42 no. 3:61-64 Mr '66.

State of some functions of the liver in typhoid fever treated with antibiotics. S. B. Aron. Sov. med. 27 no. 5:46-48 My '64.

TYPHOID FEVER—PREVENTIVE INOCULATION

Effect of chronic action of small doses of hydrocarbon vapors on the organism. Report No 3. L. M. Lur'e, S. P. Paitaliev. Azerb. med. zhur. 43 no. 1:36-42 Ja '66.

TYPHUS FEVER

Characteristics of the foci of gamasid-borne rickettsiosis and its epidemiological and parasitological diversity from typhus fever. I. R. Drobinskii. Trudy Kish. gos. med. inst. 14:289-293 '61.

TYPISTS—PRODUCTION STANDARDS

Establishing work norms for typists. E. Aron. Sots. trud 11 no. 5:106-11 Mr '66.

TYRNAUZ REGION (KABARDINO-BALKAR A.S.S.R.)—ORE DEPOSITS

Methods of determining impoverishment in the "Molbiden" mine. G. L. Dzagoov. Razved. i okh. nedr. 31 no. 12: 28-31 D '65.

TYROGLYPHIDAE

Structure-forming function of the plasma membrane in spermatogonia of some Tyroglyphidae. N. S. Sirogenova, M. A. Monakhova. Dokl. AN SSSR 107 no. 1:109-200 Mr '66.

TYROSINE

Infection of lysosome spheroplasts by intact and lysed C¹⁴-tyrosine labeled phage T2. D. M. Gol'dfarb, A. V. Aydeeva. Mikrobiologiya 34 no. 6:1019-1024 N-D '65.

TYUMEN' PROVINCE—ANTIQUITIES

Two silver covers of metal plates from Nyaksimovskii village. V. I. Moshinskii. Mat. i issl. po arkheol. SSSR no. 130, 237-240 '65.

TYUMEN' PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

[Outline of the history of the Tyumen' Province party organization] Ocherki istorii partinnoi organizatsii Tiimenskoi oblasti. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 347 p.

TYUMEN' PROVINCE—CONSTRUCTION INDUSTRY

Problems of constructing a base for the building industry in regions of petroleum and gas fields of Tyumen' Province. N. L. Vovchenko. Stroitel'stvo, 10 no. 5:20-22 My '65.

TYUMEN' PROVINCE—FIRE PREVENTION—STUDY AND TEACHING

Relay of efficient practices in fire prevention. Poisk, delo no. 1 13 Ja '66.

TYUMEN' PROVINCE—HUNTING

Masters of hunting. G. Sosnovskii. Zakup. sel'khoz. prod. no. 6:51 Je '65.

TYUMEN' PROVINCE—OIL WELL DRILLING

Encounters in the taiga. G. Terletskii. Neftlanik 10 no. 12 20-22 D '65.

TYUMEN' PROVINCE—TRACTORS

How to determine a need for tractors. A. Zalevskii. Ekon. sel'khoz. 41 no. 2:47-54 I '66.

UCH-KURGAN HYDROELECTRIC POWER STATION—HYDRAULIC STRUCTURES

Experience in temporary exploitation of the hydraulic structures of the Uch-Kurgan Hydroelectric Power Station. V. S. Serkov, V. F. Luzanov. Gidrotekhnika 35 no. 2:1-6 F '65.

UDDER—DISEASES

Efficient method. D. Kiselev. Zakup. sel'khoz. prod. no. 6:53 Je '65.

Prophylaxis and therapy of mastitis caused by foot-and-mouth disease. I. L. IAPhuchuk. Veterinariia 42 no. 1:79-81 Ja '66.

UDEKHE see subdivision under Bikh Valley (Maritime Territory)

UDMURT A.S.S.R.—BIOGRAPHY

[A word about our countrymen: a collection] Slova o zemliakakh; sbornik. Izhevsk, "Udmurtia" 1965. 211 p. (CS-II)

UDMURT A.S.S.R.—FIR

Increment and stand structure of the spruce-fir plantations of the Udmurt A.S.S.R. V. G. Kuznetsova. Izv. vys. ucheb. zav., les. zhur. 8 no. 6 48-51 '65.

UDMURT A.S.S.R.—PEAS—FERTILIZERS AND MANURES

Methods for using superphosphate for peas in gray forest soils of the Udmurt A.S.S.R. E. I. Batanov. Khim. v sel'khoz. 4 no. 3:20-21 Mr '66.

UDMURT A.S.S.R.—SPRUCE

Increment and stand structure of the spruce-fir plantations of the Udmurt A.S.S.R. V. G. Kuznetsova. Izv. vys. ucheb. zav., les. zhur. 8 no. 6:48-51 '65.

UFALEY RANGE—METAMORPHISM (GEOLOGY)

Metamorphism of the titanium-iron ore deposit of the Ufaley group. G. N. Vertushkov, I. A. Sokolov, V. I. Akshin. Zap. Vses. min. ob-va 95 no. 1:10-17 '66.

UFALEY RANGE—ORE DEPOSITS

Metamorphism of the titanium-iron ore deposit of the Ufaley group. G. N. Vertushkov, I. A. Sokolov, V. I. Akshin. Zap. Vses. min. ob-va 95 no. 1:10-17 '66.

UFIMTSEV, ANATOLII GEORGIEVICH, 1860-1930

The man who blew up the miraculous icon. D. Berkovich. Izobr. i rats. no. 2:30-33 '66.

UGUR LANGUAGE—LEXICOLOGY

Vocabulary of the Leningrad version of the "Chuvstuanit." L. V. Dmitrieva. Krat. soob. Inst. nar. Az. no. 60:46-50 '65.

UKHTA DISTRICT—PETROLEUM PRODUCTION

We shall produce more than 45 thousand tons of incremental oil. A. Popov. Neftlanik 11 no. 2:2-3 F '66.

UKRAINE

Linkovoye, Izhen. [Form and content of the Ukrainian liberation efforts] Forma i zmist ukrains'kykh vyzvol'nykh znanan'. New York, 1960. 195 p. (IntU)

UKRAINE—ADMINISTRATIVE AND POLITICAL DIVISIONS

[The Ukrainian S.S.R.; administrative and political divisions as of January 1, 1962] Ukraina'ka RSR, administrativno-teritorial'nyi podil na 1 sikhnia 1962 roku. Kyiv, Polityvdav Ukrainy.

— [Supplement to the manual issued in 1962, the changes which have occurred between January 1, 1962, and January 1, 1964] Dodatok do dovodyka vydannia 1962 roku, zminy shcho vidbulysli za period z 1 sikhnia 1962 roku po 1 sikhnia 1964 roku. 1961. 71 p.

UKRAINE—AGRICULTURAL ADMINISTRATION

Organizational and party work of the Communist Party of the Ukraine in rural regions, 1953-1958. I. P. Kozhukalo. Ukr. ist. zhur. 10 no. 3 81-93 Mi '66.

UKRAINE—AGRICULTURAL MACHINERY

First work results based on the new recommendations. N. Kozlyev. Tekh. v sel'khoz. 20 no. 3 5-8 Mr '66. Multipurpose use and the standardization of agricultural machinery. V. Matyiev. Ekon. Rad. Ukr. 9 no. 3:38-11 Mr '66.

UKRAINE—ALDER

Natural distribution of the speckled alder (Alnus incana L. Moench.) in the Ukraine. M. P. Slobodian. Ukr. bot. zhur. 22 no. 1:71-77 '65.

UKRAINE—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

K' — [zhilistichnoe stroytel'stvo v USSR. Kiev, Budivnits'ky, 1966. 109 p.]

UKRAINE—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Improving the layout of old apartment houses; according to materials of a study of housing in the Ukrainian S.S.R. S. B. Barats. Nauch. trudy AKKII no. 31 Zhil. khoz. no. 3 46-52 '64.

UKRAINE—ARBITRATION AND AWARD

Decisions of arbitration agencies. Rad. pravo 20 no. 3: 92-93 Mr '66.

UKRAINE—ARCHITECTURE

At a new stage. O. Iganatov, N. Kolomiets. Sov. arkhitekt. no. 17:23-28 '65.

UKRAINE—ARCHIVES

A conference of the historians and archivists of the Ukraine. I. L. Hulych, I. N. Pushkarev. Ist. SSSR 10 no. 1:242-244 Ja-F '66.

Discussion of the bulletin "Archives of the Ukraine." P. P. Rotach. Rad. lit. 10 no. 2:65 F '66. Kiev. (Province) Oblastnoi gosudarstvennyi arkhiv. [State Archives of Kiev Province; a guidebook] Gosudarstvennyi arkhiv Kievskoi oblasti, pulovoditel'. Kiev, Izd-vo polit. lit-ry Ukrainy, 1965. 410 p. (NcU) (VII)

UKRAINE—BIBLIOGRAPHY

[New books of the Ukrainian S.S.R.] Novi knyhy URSS nos. 2-7 Ja-Mr '66.

UKRAINE—BOOKSELLERS AND BOOKSELLING

Let us provide the personnel of industrial enterprises with technical literature. V. Borisenko. Knizh. tovg. 16 no. 12:8-9 D '65.

UKRAINE—BOTANY—BIBLIOGRAPHY

Literature on the flora and vegetation of the Ukrainian S.S.R., published in 1962. A. L. Barbarych. Ukr. bot. zhur. 22 no. 1:108-109 '65.

UKRAINE—CANNING INDUSTRY—MANAGEMENT

Provide economic incentives for procurement organizations and cooperative enterprises. F. Kolesnik. Zakup. sel'khoz. prod. no. 1:7-10 Ja '66.

UKRAINE—CERAMIC MATERIALS

Plagioclases as a new form of ceramic raw material in the Ukraine. V. P. Klamarenko. Geol. zhur. 23 no. 1: 84-88 '65.

UKRAINE—CETACEA, FOSSIL

Materials on the whalefish fossils of the Geological Museum of the Academy of Sciences of the Ukrainian S.S.R. in Kiev. A. D. Gofshelm. Paleont. sbor. [L'vov] no. 2 pt. 1:25-29 '65.

UKRAINE—CITIES AND TOWNS

Inhabitants of Ukrainian cities and the policy of the Russian Government in the second half of the 17th century. V. O. Romanovskiy. Ukr. ist. zhur. 10 no. 2:22-28 F '66.

- UKRAINE—CITY PLANNING**
Development of medium-sized and small cities V Uspek-
niti Stroi i arkhitekt. 14 no. 1-9 Ja '68
- Planning organization of suburban areas of medium-sized
cities** N Timchuk Stroi i arkhitekt. 14 no. 1-16-20 Ja
'68
- UKRAINE—CLOTHING INDUSTRY**
Concentration of the wholesale trade in the village
A Ievlev V. Rukhivskiy Ekon. Rad. Ukr. 9 no. 3-47-
50 Mr '68
- UKRAINE—COAL MINES AND MINING—ECONOMIC
ASPECTS**
Economic efficiency of applying the new "Regulations on
bonus awards" in the open-pit lignite mines of the Ukraine
N I Ilev Ugol' 11 no. 1-57-58 Mr '68
- UKRAINE—COAL MINES AND MINING—LABOR
PRODUCTIVITY**
Coal miners of the Ukraine are prepared for the forthcom-
ing congress of the party. I. B. Balashov and others
Ugol' Ukr. no. 3:3-8 Mr '68.
- UKRAINE—COLLECTIVE FARMS**
The Communist Party (Bolshevik) of the Ukraine as or-
ganizer of the patronage aid of workers to rural party
organizations, from 1929 to the spring of 1930. H. M.
Sharlai Ukr. Ist. zhur. 10 no. 1-108-113 Ja '68.
On the intensification of collective farm production
V. Taranenko, O. Krysal'nyi Ekon. Rad. Ukr. 9 no. 3
50, 55 65 75, 80 Mr '68
- UKRAINE—COLLECTIVE FARMS—INCOME
DISTRIBUTION**
Standard rates for supplementary wages V. Polozhiti
Ekonom. sel'khoz. 41 no. 2:100-102 F '68.
- UKRAINE—COMMUNISM**
Makarenko, O. A. [Life-giving power of proletarian
solidarity; about the help of foreign workers to the So-
viet Ukraine in 1921-1923] Zhyvotvorna syia proletar-
s'koj solidarnosti; pro dopomohu trudashchykh zaru-
beznykh krain Radians'kij Ukraini v 1921-1923 r. r.
Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1963, 88 p.
(NN)
- UKRAINE—COMMUNIST PARTY OF THE SOVIET
UNION**
Describing the work of party organizations in studies on
the history of the cities and towns of the Ukrainian
S.S.R. L. V. Olinyk. Ukr. Ist. zhur. 10 no. 3-124-
127 Mi '68.
Efforts of the Communist Party of the Ukraine to carry
out V. I. Lenin's plan of the building of communism.
Ukr. Ist. zhur. 10 no. 1-95-96 Ja '68
Ulichuk, V. I. [Struggle of the Communist Party of the
Ukraine for the restoration and development of the na-
tional economy, 1945-1952] Borot'ba KP Ukrainy za
vydobuv i rozvyk narodnoho hospodarstva, 1945-
1952 rr. Kyiv, Vyd-vo polit. lit-ry Ukrainy, 1965,
254 p.
(NU)
- Organizational consolidation of the Communist Party
(Bolshevik) of the Ukraine during preparations for the
socialist offensive on a wide front, 1928-1929 I. I. Kolo-
mitchenko. Ukr. Ist. zhur. 10 no. 1-13-13 Ja '68.
The party and the people A. Skaba. Komunist 42
no. 5:16-25 Mr '68.
- UKRAINE—COMMUNIST PARTY OF THE SOVIET
UNION—CONGRESSES**
The 23d Congress of the Communist Party of the Ukraine
Part. zhien' no. 6:18-23 Mr '68.
- UKRAINE—COMMUNIST PARTY OF THE SOVIET
UNION—PARTY WORK**
Introduction of the new forms and methods of the mass
political work of the Communist Party of the Ukraine
among workers, 1963-1965. A. M. Halevs'kyi. Ukr.
Ist. zhur. 10 no. 3:15-28 Mr '68.
- UKRAINE—CONSTITUTION**
Ukraine. Constitution. [Constitution (fundamental law)
of the Ukrainian Soviet Socialist Republic. With amend-
ments and supplements adopted by the sixth, seventh
and eighth sessions of the Sixth Supreme Soviet of the
Ukrainian S.S.R.] Konstitutsiia (osnovnyi zakon)
Ukrainskoi Sovetskoi Sotsialisticheskoi Respubliki.
S izmeneniami i dopolneniami, prinyatymi na shesti, sed'mi i vos'm'omu sesiolakh Verkhovnoho Soveta
Ukrainskoi SSR shestogo sozyva. Kiev, Politizdat,
1966, 29 p.
- UKRAINE—CONSTRUCTION INDUSTRY**
In the State Committee on Construction of the Ukrainian
S.S.R. Blud. stroit. tekhn. 28 no. 1-33-34 Ja '68.
Let us increase the achievements of the seven-year plan.
S. Andrianov. Stroi i arkhitekt. 14 no. 1:1-4 Ja '68.
- UKRAINE—CONSTRUCTION INDUSTRY—FINANCE**
On friendly terms with brigades. Ekon. Rad. Ukr. 9
no. 3-84-85 Mr '68.
- UKRAINE—CONSTRUCTION INDUSTRY—MANAGE-
MENT**
Time of accurate calculations H. K. Lubentsev, I'kon.
Rad. Ukr. 9 no. 3-42-46 Mr '68
- UKRAINE—CONTRACTS, AGRICULTURAL**
Forward contractual agreement is an important document.
G. Strypnik, A. I. Umashov. Zakup. sel'khoz. prod. no. 1:
19-21 Ja '68.
- UKRAINE—CORN (MAIZE)**
Corn growing in wide-row single seed plantation. V. B.
Babuk, A. A. Doluchayev. Vest. sel'khoz. nauk 10 no. 6:
113-119 Ja '68.
Effect of interillage on the development of the root system
and the yield of corn in the southern Ukraine. V. E.
Kazakov, A. V. Tikhonov Dokl. Akad. sel'khoz. nauk
no. 2-2-b F '68.
- UKRAINE—COTTAGE CHEESE—PRESERVATION**
Packaging, freezing, and storage of cottage cheese.
K. S. Zorych, O. E. Chechenia, M. M. Sutiyn, Khar.
prom. no. 1:51-62 Ja-F '68.
- UKRAINE—CYBERNETICS**
Present state and future development of the research on
cybernetics in the Academy of Sciences of the Ukrainian
S.S.R. Dop. AN URSR no. 1:129-132 '68.
- UKRAINE—DECORATION AND ORNAMENT,
ARCHITECTURAL**
Development of monumental and decorative art in the
Ukraine. B. N. Plamda. Stroi i arkhitekt. [zhurn.] no. 2:
174-180 '68.
- UKRAINE—DISTILLERIES—EQUIPMENT AND
SUPPLIES**
System for the utilization of carbon dioxide in the
Troslyanets Distillery. M. Fandura, Khar. prom.
no. 1:45 Ja-F '68.
- UKRAINE—DRUG INDUSTRY**
Development of the chemopharmaceutical industry in the
Ukrainian S.S.R. M. H. Duna. Farmatsiv. zhur. 20
no. 4-69-74 '65
Development of the chemopharmaceutical industry in the
Ukrainian S.S.R. M. H. Duna. Farmatsiv. zhur. 21
no. 1:66-72 '66.
- UKRAINE—ECONOMIC CONDITIONS**
The Communist Party of the Ukraine in the struggle for
the conclusion of the building of socialism, 1945-1958,
some remarks of the editorial staff. Ukr. Ist. zhur.
10 no. 3-79-80 Mr '68.
- UKRAINE—ECONOMIC POLICY**
Horizons of communism. Ekon. Rad. Ukr. 9 no. 3:1 Mr
'68
- UKRAINE—ECONOMICS—STUDY AND TEACHING**
Expand and improve the level of economic education
Ekon. Rad. Ukr. 9 no. 3-2-6 Mi '68.
A minister on the training of economic personnel. Ekon.
Rad. Ukr. 9 no. 3-80 Mr '68
- UKRAINE—EDUCATION, HIGHER**
Institutions of higher learning of the Ukraine; plans and
prospects. I. N. Dudenkov Vest. vys. shkoly 24
no. 2:3-8 F '68.
- UKRAINE—ELECTRIC LINES—OVERHEAD**
Construction of a 330 kv electric power transmission line
between the Zmytyev State Regional Electric Power Station
and Poltava. B. P. Kim Energ. stroi. no. 44:51-56 '64.
- UKRAINE—ELECTRICITY IN MINING—EQUIPMENT
AND SUPPLIES**
Remotely controlled sectional mobile substations in coal
mines of the "Ukrzapidugol'" Combine. V. N. Vinoslav-
skii, V. F. Stryl' Ugol' Ukr. no. 3:22-23 Mr '68.
- UKRAINE—EROSION**
Some trends in the development of the present ravine-
and landslide-dissected relief of the left-bank Ukraine.
Y. L. Vilenkin. Izv. Vses. geog. ob-va 98 no. 1:20-34
Ja-F '68.
- UKRAINE—FERTILIZER INDUSTRY—EQUIPMENT
AND SUPPLIES**
Proportioning and mixing unit for the preparation of
peat-mineral-ammonia fertilizers. E. B. Baitchev,
B. A. Sirota, M. M. Tanklevskii. Torf. prom. 43 no. 1:
41 '66.
- UKRAINE—FERTILIZERS AND MANURES**
Prospects for obtaining humic fertilizers from the brown
coal of the Ukraine. V. T. Slabial, V. A. Reutov, L. M.
Vigdergauz. Geol. zhur. 25 no. 6:39-40 '68.
- UKRAINE—FIRE PREVENTION—STUDY AND TEACHING**
First results. G. Kotov. Pozh. delo no. 1:11 Ja '68.
- UKRAINE—FLUORSPAR**
Structural position of the Pokrovo-Kireyevskoye deposit
of fluorite and its relation to the alkaline intrusives. I. D.
TSarove'kyi, A. I. Zarytskyi, A. M. Stremova'kyi. Geol.
zhur. 25 no. 1:70-81 '65.
- UKRAINE—FOLK ART**
Did a prototype of "Mama, the Cossack" really exist?
P. P. Suprunenko. Ukr. Ist. zhur. 10 no. 1-118 129
Mi '68.
- UKRAINE—FOOD INDUSTRY**
Food industry of the Ukrainian S.S.R. in the period from
1966 to 1970. I. P. Ryzhenko. Khar. prom. no. 1:1-8
Ja-F '68.
- UKRAINE—FORAMINIFERA, FOSSIL**
Species of the genus *Idolina* Linn. (Foraminifera) from
Upper Cretaceous and Paleocene sediments in Ukraine.
A. M. Voloshina. Paleont. sbor. [Izv.] no. 2:4 1-11-
59 '65.
- UKRAINE—FOREIGN RELATIONS**
The Ukrainian S.S.R. in the United Nations. P. P. Ryzhenko.
Rad. prave 20 no. 3-8-12 Mr '66.
- UKRAINE—FOUNDING**
Essence and significance of the specialization of labor
P. Zhaykov Ikon. Rad. Ukr. 9 no. 3-31-38 Mr '68
- UKRAINE—GAS, NATURAL—GEOLOGY**
Lower Paleozoic of the Carpathian piedmont fault and
adjacent part of the Volyn'-Podolian margin of the Rus-
sian Platform. I. A. M. Sandler. Geol. i geofizika. Bl.
gaz. mentsozh. no. 1:175-178 '65.
- UKRAINE—GEOLOGY**
Kh. M. Abdullayev Institute of Geology and Geophysics of
the Academy of Sciences of the Ukrainian S.S.R. in
geol. zhur. 10 no. 1-76-77 '68.
- UKRAINE—GEOLOGY, STRATIGRAPHIC**
New stratigraphic subdivisions of the Upper Miocene
sediments of the Mangyshlak Peninsula and their applica-
tion to the Upper Miocene sediments in the Ukraine.
V. B. Utkin. Geol. zhur. 25 no. 1:70-75 '65.
- UKRAINE—GEOLOGY, STRUCTURAL**
Structural position of the Pokrovo-Kireyevskoye deposit
of fluorite and its relation to the alkaline intrusives. I. D.
TSarove'kyi, A. I. Zarytskyi, A. M. Stremova'kyi. Geol.
zhur. 25 no. 1:70-81 '65.
- UKRAINE—GEOPHYSICS**
Kh. M. Abdullayev Institute of Geology and Geophysics of
the Academy of Sciences of the Ukrainian S.S.R. in
geol. zhur. 10 no. 1-76-77 '68.
- UKRAINE—HISTORICAL GEOGRAPHY—MAPS**
Preparing the historical atlas of the Ukraine. A. I.
Zhupans'kyi, B. I. Sydor. Ukr. Ist. zhur. 10 no. 2-57
88 '68
- UKRAINE—HISTORICAL RESEARCH**
A conference of the historians and archivists of the
Ukraine. I. I. Butych, I. N. Pushkayev. Ist. zhur. 10
no. 1:2-12-24 Ja-F '68.
Defense of decorated dissertations. P. V. Ukr. Ist. zhur.
10 no. 2:164-165 F '68.
Results of the work of the Institute of History of the
Academy of Sciences of the Ukrainian S.S.R. in
1965. M. M. Frolkin. Ukr. Ist. zhur. 10 no. 3:1-10
Mr '68.
- UKRAINE—HISTORIOGRAPHY**
The development of Ukrainian historical science in the
period between the 22d and 23d Congresses of the
Communist Party. A. V. Santsyev. Ukr. Ist. zhur.
10 no. 3:40-52 Mr '68.
- UKRAINE—HISTORY**
Makarenko, O. A. [Life-giving power of proletarian
solidarity; about the help of foreign workers to the So-
viet Ukraine in 1921-1923] Zhyvotvorna syia proletar-
s'koj solidarnosti; pro dopomohu trudashchykh zaru-
beznykh krain Radians'kij Ukraini v 1921-1923 r. r.
Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1963, 88 p.
(NN)
More about the characteristics of national liberation
wars in the Soviet period. I. D. Bolko. Ukr. Ist. zhur.
10 no. 2:94-97 F '68.
National self-assertion of the Ukrainian people in the
late 16th-early 17th century. I. P. Krypiyashch.
Ukr. Ist. zhur. 10 no. 2:82-84 F '68.
The social and political movement during the early
revolutionary situation in the right-bank Ukraine. A. K.
Voloschenko. Ukr. Ist. zhur. 10 no. 1:76-86 Ja '68.
Slakhiv, Matvil. Ukraina v dobi Dyrektorii UNR.
Ukraine during the Directorate of the Ukrainian National
Republic, Nov. 1918-Nov. 1920. [Seranion, Ukrainska
naukovo-istorychna biblioteka]
Vols. 1-3, 5-8, 1962-1963 (continuation). Ukr. Ist.
zhur. 10 no. 3:156-160 Mr '68.
- UKRAINE—HISTORY—BIBLIOGRAPHY**
A bibliography of bibliographies on the history of the
Ukrainian S.S.R., 1960-1965 (continuation). Ukr. Ist.
zhur. 10 no. 3:156-160 Mr '68.

UKRAINE—HISTORY—PERIODICALS

A bibliography of bibliographies on the history of the Ukrainian S.S.R., 1900-1965 (to be continued). Ukr. Ist. zhur. 10 no. 2:156-159 F '66.

UKRAINE—HISTORY—SOURCES

Kiev. (Province) Oblastnoi gosudarstvennyi arkhiv [State archives of Kiev Province; a guidebook]. Gosudarstvennyi arkhiv Kievskoi oblasti; putyvoditel'. Kiev, Izd-vo polit. iu-ri, Ukrainy, 1965. 410 p. (NcU) (VU)

"Topographical description of the Kharkov Nemesnichestvo" as a source for studying the history of the eastern Ukraine in the second half of the 18th century. M. A. Lytvynenko. Ukr. Ist. zhur. 10 no. 1:131-135 Ja '66

UKRAINE—HISTORY—STUDY AND TEACHING

The extent of knowledge of the history of the Ukrainian S.S.R. in the history of the U.S.S.R. and the Ukrainian S.S.R. combined course taught from the 7th through the 10th grade of secondary schools. M. M. Lysenko, H. I. Piduts'kyi. Ukr. Ist. zhur. 10 no. 2:120-128 F '66.

UKRAINE—HISTORY—MILITARY

[The Ukrainian Sich Rifleman, 1914-1920]. Ukrain's'ki Sichovi Strilky, 1914-1920. Tychi naklad. Montreal, Vyd-vo Ihora Fediva, 1955. 200 p. illus.

UKRAINE—INCENTIVES IN INDUSTRY

Economic stimulation of production; a collection of articles. Ekonomichne stymuluvannia vyrobnytstva; zbirnyk statei. Kyiv, Politytydav Ukrainy, 1960. 77 p.

UKRAINE—INDUSTRIAL MANAGEMENT—STUDY AND TEACHING

Train a cadre of production managers. V. Hlavanishev, H. Chernenko. Ekon. Rad. Ukr. 9 no. 3:66-69 Mr '66.

UKRAINE—INDUSTRIES

Postwar reconstruction of the socialist industry of the Ukraine. T. Dereviankin. Ekon. Rad. Ukr. 9 no. 3:6-12 Mr '66

UKRAINE—INDUSTRIES—EXHIBITIONS

Exhibitions in 1966. Ekon. Rad. Ukr. 9 no. 3:77-78 Mr '66.

UKRAINE—INSTRUMENT INDUSTRY—MANAGEMENT

Before the start. V. Panov. Ekon. Rad. Ukr. 9 no. 3:79-80 Mr '66.

UKRAINE—IRON AND STEEL PLANTS—LABOR PRODUCTIVITY

Ministry of crafts at the metallurgical plants of the Donets Basin. P. P. Rudakii, V. P. Milk. Metallurg 11 no. 3:35-36 Mr '66.

UKRAINE—JUSTICE, ADMINISTRATION OF

In the Supreme Court of the Ukrainian S.S.R. Rad., pravo 29 no. 3:11 Mr '66.
Soviet courts are the guardians of socialist legality. V. Zatchuk. Rad., pravo 29 no. 3:3-7 Kh '66.

UKRAINE—KINDERGARTENS—DESIGN AND CONSTRUCTION

Experimental large-panel combined kindergarten and nursery accommodating 195 children. V. I. Ezhov, I. M. Sigalev, I. A. V. Avinovskii. Stroitel' arkhitekt. [abornik] no. 2:11-18 '65.

UKRAINE—LABOR AND LABORING CLASSES

Changes in the number of workers employed in the industry of the Ukrainian S.S.R., 1940-1964. V. O. Romaniuk. Ukr. Ist. zhur. 10 no. 2:38-44 F '66.
Koshik, A. K. [The labor movement in the Ukraine during the years of the First World War and the February Revolution]. Rabochee dvizhenie na Ukraine v gody Per-voj mirovoj vojny i febrals'koj revoliutsii. Kiev, Izd-vo Kievskogo univ., 1905. 322 p.

UKRAINE—LANDSCAPE ARCHITECTURE

For high quality in landscape architecture. T. Guzenko. Stroitel' arkhitekt. 14 no. 3:1-5 Ma '66.

UKRAINE—LANDSLIDES

Some trends in the development of the present rayno- and landslide-dissected relief of the left-bank Ukraine. V. L. Vilonkin. Izv. Vses. geog. ob-va 98 no. 1:26-34 Ja-F '66.

UKRAINE—LAW

Recent legislative enactments. Rad., pravo 29 no. 3:91-102 Mr '66.

UKRAINE—LAW—CASES

Decisions of the Supreme Court of the Ukrainian S.S.R. Rad., pravo 29 no. 3:83-90 Mr '66.

UKRAINE—LIBRARIES

The C. P. S. U. Public Library. V. Didur. Biblioteka 43 no. 3:20 Mr '66.

UKRAINE—LIGNITE

Prospects for obtaining humic fertilizers from the brown coal of the Ukraine. V. T. Stabinski, V. A. Reutov, L. M. Vildeguz. Geol. zhur. 25 no. 6:30-49 '65

UKRAINE—LONGEVITY

Longevity people in the right-bank Ukraine in the 18th century. A. L. Peikovskiy. Ukr. Ist. zhur. 10 no. 2:108-109 F '66.

UKRAINE—MAGNETIC ANOMALIES

Correlation relationship between nickel and cobalt for metamorphic basites of the Verkhovne magnetic anomalies. V. A. Stulchikov. Geol. zhur. 25 no. 6:90-91 '65.

UKRAINE—MANUFACTURES

Tasks of the light industry enterprises of the Ukrainian S.S.R. in 1966. M. M. Ivanov. Izh. prom. no. 1:3-5 Ja-F '66

UKRAINE—MANUFACTURES—MANAGEMENT

Importance of the economic analysis for the increase of the operative efficiency of the light industry enterprises. O. I. Chyrychevskiy, H. S. Rozman. Izh. prom. no. 1:26-28 Ja-F '66.

UKRAINE—MENTAL ILLNESSES

State of occupational therapy and occupational training in the homes for chronic mental patients in the Ukrainian S.S.R. I. S. Gurevich. Trudy LIE'IN no. 18:205-209 '65.

UKRAINE—MINING INDUSTRY

Akademiya nauk URSR, Kiev, Institut ekonomiki. [Prospects for the development of the mineral and raw material supply for industry in the Ukrainian S.S.R.]. Perspektivy razvitiia mineral'no-syr'evoi bazy promyshlennosti USSR. Kiev, Naukova dumka, 1960. 240 p.

UKRAINE—NATIONALITIES

Carrying out of the Leninist nationality policy in the period of reconstruction, 1921-1925. P. P. Bachyn's'kyi. Ukr. Ist. zhur. 10 no. 1:97-107 Ja '66

UKRAINE—NURSERIES—DESIGN AND CONSTRUCTION

Experimental large-panel combined kindergarten and nursery accommodating 195 children. V. I. Ezhov, I. M. Sigalev, I. A. V. Avinovskii. Stroitel' arkhitekt. [abornik] no. 2:11-18 '65.

UKRAINE—OCCUPATIONAL THERAPY

State of occupational therapy and occupational training in the homes for chronic mental patients in the Ukrainian S.S.R. I. S. Gurevich. Trudy LIE'IN no. 18:205-209 '65.

UKRAINE—OIL SANDS

Reservoir properties of producing horizons in the Bortalsky, Bihov, and Dolina oil fields. M. M. Ivanukin, N. R. Kovalchuk, V. P. Melnikov. Geol. i geokhim. naft. i gaz. mestorozh. no. 1:125-130 '65.

UKRAINE—OSTRACODA, FOSSIL

Description of a new species of Upper Neogene Ostracoda in the southern part of the Ukrainian S.S.R. N. M. Hnitskata. Paleont. sbor. [L'vov] no. 2 pt. 1:77-79 '65.

Significance of the ecologic indications of Paleogene Ostracoda from the southern part of the Ukraine for the correlation of coenaeous formations of different provinces. V. G. Shorometa. Paleont. sbor. [L'vov] no. 2 pt. 1:65-70 '65.

UKRAINE—PALEONTOLOGY, STRATIGRAPHIC

Finds of Silurian fauna in boreholes of the Siobodka Lesnaya and Kolomyia regions. V. N. Utrubin. Paleont. sbor. [L'vov] no. 2 pt. 1:84-87 '65.

UKRAINE—PEASANT UPRISING

Two documents relating to the "Kolivshchyna" movement. H. U. Khriban. Ukr. Ist. zhur. 10 no. 2:111-113 F '66.

UKRAINE—PETROLEUM GEOLOGY

Lower Paleozoic of the Carpathian piedmont fault and adjacent part of the Volyn'-Podolian margin of the Russian Platform. I. A. M. Sander. Geol. i geokhim. naft. i gaz. mestorozh. no. 1:175-178 '65.

UKRAINE—PETROLEUM PIPELINES

New pipeline for a chemical enterprise. Stroitel' truboprov. 10 no. 5:7 My '65.

UKRAINE—PHARMACY

Development of pharmacy in the Ukraine from the middle of the 17th century until the beginning of the 19th century. Report No. 3. V. D. Otamanova'kyi. Farmatsiev. zhur. 18 no. 9:56-57 '63.

UKRAINE—PHILOSOPHY

Akademiya nauk URSR, Kiev, Institut filosofii. [Outline of the history of philosophy in the Ukraine]. Narys istorii filosofii na Ukraini. Kyiv, Naukova dumka, 1960. 655 p.

UKRAINE—PLAGIOCLASE

Plagioclases as a new form of ceramic raw material in the Ukraine. V. P. Kramarenko. Geol. zhur. 25 no. 1:83-108 '65

UKRAINE—POPULATION

Polons'ka-Vasylenko, N. D. [Process of the population of the southern Ukraine in the middle of the 18th century, 1734-1775]. Zaslennia Pivdennoi Ukrainy v polovyni XVIII st. (1734-1775). Munich, Ukrain's'kyi V'nyi Univ., 1960. 2 v. fold. map (Insert)

UKRAINE—POTATO HANDLING

Pragmatic method of potato transportation and storage. S. Malstienko. Sov. torg. 30 no. 4:16-17 Ap '66.

UKRAINE—POTATOES—CONTAINERS

Transportation and storage of potatoes in containers. I. Bolko. Zakup. sel'khoz. prod. no. 7:20-30 Ji '65

UKRAINE—POTATOES—TRANSPORTATION

Transportation and storage of potatoes in containers. I. Bolko. Zakup. sel'khoz. prod. no. 7:20-30 Ji '65

UKRAINE—POULTRY BREEDING—EXHIBITIONS

Ukrainian poultry breeders at the Exhibition of Achievements of the National Economy of the U.S.S.R. A. Vol'kov. Inform. biul. VDNKH no. 1:23-24 Ja '66

UKRAINE—PRODUCE TRADE

Forward contractual agreement is an important document. G. Skripnik, A. Umashov. Zakup. sel'khoz. prod. no. 1:19-21 Ja '66.

UKRAINE—PUBLIC BUILDINGS—DESIGN AND CONSTRUCTION

Departmental construction of public buildings in the Ukraine from 1901 to 1964. E. A. Tatari. Stroitel' arkhitekt. [abornik] no. 2:166-173 '65.

UKRAINE—PUBLIC PROSECUTORS

In the Office of the Public Prosecutor of the Ukrainian S.S.R. Rad., pravo 29 no. 3:112 Mr '66.

UKRAINE—PUBLISHERS AND PUBLISHING

A publishing house and its advertisements. A. Gerasimenko. Knizh. torg. 17 no. 3:30-31 Mr '66

UKRAINE—RADIO ASTRONOMY

Present state and future development of the research in the field of radio astronomy at the Institute of Radiophysics and Electronics of the Academy of Sciences of the Ukrainian S.S.R. Dop. AN URSR no. 1:120 '66.

UKRAINE—REFRACTORIES INDUSTRY—EQUIPMENT AND SUPPLIES

Economic results of increasing the technical production level. P. L. Kalk, I. A. Dolgovukov. Ogneupoy 31 no. 3:61-62 '66.

UKRAINE—RELATIONS (GENERAL) WITH BULGARIA

Ukrainian reactions to the uprising of September 1923 in Bulgaria. Sh. Fatiziev. Ukr. Ist. zhur. 10 no. 2:53-60 F '66.

UKRAINE—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Contacts of the Institute of History of the Academy of Sciences of the Ukrainian S.S.R. with foreign countries in 1965. N. M. Kieban's'ka. Ukr. Ist. zhur. 10 no. 3:152-154 Mr '66.

UKRAINE—RENDERING INDUSTRY—EQUIPMENT AND SUPPLIES

Continuous production line for animal fat rendering. S. Koriak, V. Golovro. Mias ind. SSR 37 no. 1:11-12 '66.

UKRAINE—REVOLUTION OF 1905

The national liberation movement in the Ukraine during the intensification of the first Russian revolution in 1905. P. I. Voboi. Ukr. Ist. zhur. 10 no. 1:20-35 Ja '66.
A session devoted to the 60th anniversary of the first Russian revolution, 1905-1907. V. P. Ukr. Ist. zhur. 10 no. 2:153 F '66.

Ukrainian literature and the Revolution of 1905. Petro Kolosnyk. Rad. lit. 10 no. 1:18-27 Ja '66.

UKRAINE—REVOLUTION, 1917-1921

Establishment of the first government of the Soviet Ukraine. V. D. Kalya. Ukr. Ist. zhur. 10 no. 3:97-74 Mr '66.

How the Ukrainian soviets defended the interests of prisoners of war, 1917. I. U. M. Hamrats'kyi. Ukr. Ist. zhur. 10 no. 2:100-105 F '66.

Shapoval, Mykyta. [Heimann's rule and the Directory (recollections)] Hei'mansheyma i dyrektoriia (spohady). Uporядkuvav Sava Zerkal'. [New York] Ukrain's'ka hromada im. M. Shapovala v Novim Yorku, 1958. 120 p. (Biblioteka Ukrain's'koho hromada's'koho slova, no. 8) (NN)

A special-purpose battalion of armored cars attached to the Council of People's Commissars of the Ukrainian S.S.R. O. I. Selivkin. Ukr. Ist. zhur. 10 no. 2:114-119 F '66.

UKRAINE—RICE

Create a stable procurement base for the Ukrainian rice.
D. Mikhlin. Zakup sel'sk. prod. no. 7:22-23 Ja '65

UKRAINE—ROCKS, IGNEOUS

Structural position of the P'yrom-Kireyevskoye deposit of fluorite and its relation to the alkaline intrusives. I. D. Tsaius'kyi, V. I. Zaryts'kyi, A. M. Stremko, a'kyi. Geol. zhur. 23 no. 1:70-81 '65

UKRAINE—RURAL CONSTRUCTION

Improve the settling of work norms for interfarm enterprises. A. Kostovets'kyi, Sil. bud. 15 no. 3:19-20 Mr '65

New strides on the road to the reconstruction of rural settlements. V. Novikov, Sil. bud. 15 no. 3:3-5 Mr '65

UKRAINE—SCHIZOPHRENIA

Clinical and statistical data on the incidence of schizophrenia in the Ukrainian S.S.R. based on materials of medical expertise of the capacity for work of invalids. I. S. Gurevich. Trudy LIETIN' no. 18:232-238 '65

UKRAINE—SCRAP METALS

Improve the quality and centralize processing of scrap metal. V. Hanopol'skyi, M. Novyts'kyi. A. Strilets'. Lit. on Rad. Ukr. 9 no. 3:28-31 Mr '65

UKRAINE—SMOKE TREE

Effect of soil conditions on the growth and tannin productivity of smoke trees. N. Kh. Osmola. Izv. vuz. ucheb. zav., les. zhur. 8 no. 6:42-44 '65

UKRAINE—SOCIAL GROUP WORK

The "Znannta" Society of the Ukrainian S.S.R. on the eve of the 23d Congress of the CPSU. H. V. Kuzovkov. Ukr. ist. zhur. 10 no. 3:29-39 Mr '66

UKRAINE—SOCIAL SCIENCE RESEARCH

Scientific progressive methods. Rad. lit. 10 no. 2:95-96 F '66

UKRAINE—SOCIALIST PARTY

V. I. Lenin's criticism of the bourgeois and nationalistic concepts of the leaders of the Ukrainian Social Democratic Party and its historical significance. V. H. Sarbel. Ukr. ist. zhur. 10 no. 3:53-59 Mr '66

UKRAINE—SOILS—COPPER CONTENT

Copper content of some Chernozems and farm crops in the southern Ukraine. O. K. Dobrolyubskii, T. M. Kozulha. Agrokhimia no. 3:80-88 Mr '66

UKRAINE—SOILS—PHOSPHORUS CONTENT

Form of phosphates in some soils of the steppe in the Ukraine. V. D. Kisel', G. M. Krivososova. Agrokhimia no. 3:34-40 Mr '66

UKRAINE—SOVIETS

Everyday work of the deputies of rural soviets. H. L. Amburukh, M. Vasylenko. Rad. pravo 29 no. 3:15-16 Ju '66

UKRAINE—STATE FARMS—FINANCE

Procedures for issuing credit to state farms. N. Vonsarovskii. Den. i kred. 24 no. 2:51-53 F '66

UKRAINE—SUGAR INDUSTRY

Results of the work of the sugar factory in Kraosnelka for the maintenance of high sugar output during the production season of 1964/65. A. I. A. Sherman. Khar. prom. no. 1:11-14 Ja-F '66

UKRAINE—SWINE—FEEDING AND FEEDS

Use local resources in the turnover of goods. V. Tupchlenko. So. z. torg. 39 no. 3:42-44 Mr '66

UKRAINE—TEACHERS, TRAINING OF

Teachers should have general attention. A. Bondar'. Ner. obr. no. 3:14-18 Mr '66

UKRAINE—THEATER

Guérquin-Roussov, N. [Heroic theater] Hoi olchmyi teatr. Theatre heroïque. London, Nakl. Ukrains'koi vydavnychoi spl'ky, 1957. 93 p. (NN)

UKRAINE—TRACE ELEMENTS

Trace elements in the petroleum of the Ripna field. V. A. Kravushkin, S. B. Kazakov, V. I. Andrushechko. Geol. i geokhim. nef. i gaz. mestorozh. no. 3:24-35 '65

UKRAINE—TRADE UNIONS

Efforts of Ukrainian trade unions to ensure the participation of workers in industrial management in the period between the 22d and 23d Congresses of the CPSU. V. K. Klymenko. Ukr. ist. zhur. 10 no. 3:13-14 Mr '66

UKRAINE—TUBERCULOSIS

Organization of the treatment in the Ukraine of patients with cavernous tuberculosis diagnosed for the first time. Probl. tub. no. 5:3-10 '65

UKRAINE—WAGES—OPERATIVE MARKETING OF FARM PRODUCTS

Provide economic incentives for procurement organizations and cooperative enterprises. F. Kolesnik. Zakup sel'sk. prod. no. 1:7-10 Ja '66

UKRAINE—WATER, UNDERGROUND—COMPOSITION

Significance of radium concentration in underground waters for correlation and petroleum prospecting as revealed by a study in the oil- and gas-bearing region of the Ukraine. E. S. Gavrilenko, V. M. Shepapak, V. M. Gutsalo. Geol. i geokhim. nef. i gaz. mestorozh. no. 3:64-73 '65

UKRAINE—WIND EROSION

Occurrence of wind erosion on Chernozems in the southern Ukraine. V. I. Vazhov. Vost. sel'sk. nauk. 10 no. 7:52-55 Ja '65

UKRAINE—WORLD WAR, 1939-1945

Heroic women who participated in the Battle of the Dnieper. K. M. Shanko. Ukr. ist. zhur. 10 no. 3:102-107 Mr '66

Role of party organizations in the mobilization of the Ukrainian people for the forceful struggle against the enemy during the early phase of the Great Patriotic War. P. M. Kostylenko. Ukr. ist. zhur. 10 no. 2:63-72 F '66

UKRAINE—WORLD WAR, 1939-1945—BIBLIOGRAPHY

The Communist Party of the Ukraine during the Great Patriotic War, 1941-1945, publications recommended by the editorial staff of our periodical. Ukr. ist. zhur. 10 no. 2:61-62 F '66

Soviet literature on the liberation of the Ukraine from the occupation forces of German fascists. O. V. Molisiev. Ukr. ist. zhur. 10 no. 1:136-143 Ja '66

UKRAINE—WORLD WAR, 1939-1945—TRANSPORTATION

Railroad employees of the Ukraine in the early phase of the Great Patriotic War. M. M. Iakovenko. Ukr. ist. zhur. 10 no. 2:96-99 '66

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

The communist underground as the organizer and leader of antifascist struggle in the camps of death in the Ukraine. M. M. Lemieshchuk. Ukr. ist. zhur. 10 no. 2:73-81 F '66

UKRAINE, WESTERN—BRONZE AGE

Similar and dissimilar characteristics of the Trzciniec and Komarovo cultural types. I. K. Syvshnikov. Mnt. i issl. po arkheol. SSSR no. 130:80-92 '65

UKRAINE, WESTERN—CATHOLIC CHURCH (BYZANTINE RITES)

The 20th anniversary of the Lvov Council. V. Sholomitaki. Zhur. Mosk. Patr. no. 2:70-77 '66

UKRAINE, WESTERN—EUROPEAN WAR, 1914-1918

[The Ukrainian Sich Riflemen, 1914-1920] Ukrains'ki Sichovi Stril'shi, 1914-1920. Tretili naklad, Montcal, Vyd-vo Ihoria Fediva, 1955. 208 p. illus.

UKRAINE, WESTERN—HISTORY

"Blood Wednesday": on the 40th anniversary of the dispersion by gunfire of a demonstration of unemployed workers in the city of Stryi. B. K. Dudykevych. Ukr. ist. zhur. 10 no. 3:134-136 Mr '66

Problem of a Byzantine emperor's flight to Galich in 1204. M. F. Kotliar. Ukr. ist. zhur. 10 no. 3:112-117 Mr '66

The Socialist Republic of Galicia in 1920. D. Tyshchuk. Rad. pravo 29 no. 3:77-78 Mr '66

UKRAINE IN LITERATURE AND ART

The works of 19th century Russian painters as a source for the study of the Ukrainian way of life. A. P. Pokorna. Ukr. ist. zhur. 10 no. 3:128-131 Mr '66

UKRAINIAN ART see Art, Ukrainian

UKRAINIAN HISTORIANS see Historians, Ukrainian

UKRAINIAN LANGUAGE—DIALECTS see subdivision under Transcarpathia

UKRAINIAN LANGUAGE—STYLE

Kundlich, O. L. [The word and the image; articles of literary criticism] Slovo i obraz; literaturno-krytychni statii. Kyiv, Radians'kyi pyn'mennyk, 1966. 329 p.

UKRAINIAN LANGUAGE—WORDS

Names for the basic implements used in tilling the land. O. M. Osered'ko. Zbir. nauk. prats' asp. z filol. Kyiv, un. no. 18:60-63 '63

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Discussion of the "History of Soviet Ukrainian Literature." D. Vuklenko. Rad. lit. 10 no. 1:92-93 Ja '66

Kundlich, O. L. [The word and the image; articles of literary criticism] Slovo i obraz; literaturno-krytychni statii. Kyiv, Radians'kyi pyn'mennyk, 1966. 329 p.

The short story form of the novel. Mykhailo Lyvchenko. Rad. lit. 10 no. 2:33-44 F '66

Ukrainian literature and the Revolution of 1905. Ihor Kolesnyk. Rad. lit. 10 no. 1:18-27 Ja '66

UKRAINIAN LITERATURE—TRANSLATIONS INTO POLISH

Early Polish translations of Ukrainian songs. R. L. Kyrychiv. Rad. lit. 10 no. 2:45-57 F '66

UKRAINIAN NAMES see Names, Ukrainian

UKRAINIAN NEWSPAPERS

Party guidance of the Ukrainian press and its role of a worker reporter in the period of preparations for the socialist offensive on a wide front, 1920-1920. P. I. Stravinsk. Ukr. ist. zhur. 10 no. 1:70-75 Ja '66

UKRAINIAN PAINTINGS see Paintings, Ukrainian

UKRAINKA, LESIA, 1871-1913

Kulachynskiy, Antin. [Lesia Ukrainka in her poetic work] Tvorchiy shlyakh Lesi Ukrainky. 2., pershl. vyd. Philadelphia, [Sotuz ukrainok Ameriky] 1961. 55 p. (U)

UL'IANOV, ALEKSANDR IL'ICH, 1866-1907

Hundredth anniversary of A. I. Ul'ianov's birth. 1. Z. Zebede-va. Nar. obr. no. 4:90-91 Ap '66

Itenberg, B. S., and A. A. Chornik. [The life of Aleksandr Ul'ianov] Zhizn' Aleksandra Ul'ianova. Moskva, Nauka, 1966. 150 p.

Ivanskii, A. I., comp. [A trenchant life; story of Aleksandr Ul'ianov's heroic struggle and tragic death told by his contemporaries] Zhizn' knk fakol, istoria gorodcheskoi bor'by i tragicheskoi gibel' Aleksandra Ul'ianova, ruzskazannai ego sotsiamentkami. Moskva, Politizdat, 1966. 618 p.

ULTRASONIC TESTING

Experience in using ultrasonic detection. M. V. Shtalman. Metallurg 11 no. 3:32 Mr '66

Experience with the use of an ultrasonic pulse method for the determination of the strength of concrete in structures and structures. A. M. Khoudov. Energ. stroi. no. 7:80-90 '66

Ultrasonic testing of the strength of concrete in the construction industry. V. F. Vasilevskii, M. A. Chudin. Energ. stroi. no. 7:80-93 '65

ULTRASONIC WAVES

Effect of ultrasound on copper electroplating. Part I: Pyrophosphate electrolyte. S. I. Uspenski, M. A. Chudin. Elektr. khim. 2 no. 2:211-247 F '66

Effect of ultrasound on the catalyzed oxidation of cyclohexanone in the liquid phase. K. A. Chervinskii, V. H. Mal'tsev. Ukr. khim. zhur. 32 no. 1:60-71 '66

Effect of ultrasound on the conformational structures of kaolinite and monothymite. N. N. Kuglitskii and others. Ukr. khim. zhur. 32 no. 1:27-33 '66

Effect of ultrasound on the electrodeposition of copper. Part 2: Cyanide electrolyte. S. I. Uspenski, M. A. Shlugor. Elektr. khim. 2 no. 3:355-359 Mr '66

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS (see also subdivision under Black Sea Economic region)

Effect of an ultra-acoustic field on the mechanical properties in petroleum products. A. A. Kosenkov, G. V. Gorlachko, A. I. Bolanov. Uch. zap. Kaf. gos. ped. inst. 33:3-17 '63

Effect of an ultrasonic field on the structure of electrolytically deposited chromium. E. I. Vitolainen, I. K. Kallblainon. Zashch. met. 2 no. 2:211-226 '66

International exhibition of "Chemistry in the industry, building and agriculture"; standardized Soviet ultrasonic column apparatus for the identification of chemical technological processes. G. O. Tolstovskan. Plasl. massy no. 3:70-80 '66

Introducing a unit for obtaining water-in-fat emulsions by means of ultrasonic vibrations. M. A. Pogor and others. Biol. tekhn. ekon. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform. 10 no. 1:48-49 Ja '66

Milling of sulfite viscose cellulose by means of ultrasonic waves. G. L. Dolgin, L. E. Akim. Trudy LITTSBP no. 17:59-63 '65

Reduction of the pulling force, and determination of technological parameters for the tube drawing process with ultrasonic vibrations of the draw plate. V. V. Nosov, O. M. Rymsha. Stal' 20 no. 2:160-162 F '66

Speed of ultrasonic waves, compressibility of liquid metals and their connection with various physical properties. S. I. Filippov, N. B. Kazakov, L. A. Pionin. Izv. vuz. ucheb. zav., Chern. met. 9 no. 3:8-14 '66

UNITED STATES—FOREIGN RELATIONS—GHANA

"The Spaul" and "Sputnik" V. Williams. Az i Mi 502 9
no. 7 55-77 11 '66

UNITED STATES—FOREIGN RELATIONS—TURKEY

History of the U.S. policy toward Turkey, 1950-1980. I. F.
Charnikov. Uir Ist. zhur. 10 no. 1:62-69 Ja '66

UNITED STATES—FOREIGN RELATIONS—UNDER-DEVELOPED AREAS

National liberation movement and the policy of the U.S.A.
B. Mavskiy. Vostok i mezhdunar. otn. 13 no. 4:71-80 '66

UNITED STATES—HISTORICAL RESEARCH

Work of the Historical Section of the American Armed
Forces in Germany, the 1940's and 1950's. S. Appalov.
Vostok i mezhdunar. otn. 8 no. 3 114-116 Mi '66.

UNITED STATES—HISTORY

Alexander Hamilton and the British intelligence service
A. A. Fursenko. Vop. 41 no. 3 210-215 Mi '66

UNITED STATES—INCOME

Income distribution and the needs of groups of the population
in the U.S.A. A. V. Vayns. Ekon. sel'khoz. 41 no. 2
105-109 F '66

UNITED STATES—INDUSTRIAL RELATIONS

Big business and industrial sociology. S. Epshteyn.
Mir. ekon. i mezhdunar. otn. no. 4 59-68 '66.

UNITED STATES—INDUSTRIES

Struggle of the U.S. monopolies for markets. V. Nabov.
Vrach. i org. 49 no. 3 31-36 '66.

UNITED STATES—INDUSTRIES, LOCATION OF

Geographic distribution of the new capital investments
in the manufacturing industry of the U.S.A. IU Kolosova.
Mir. ekon. i mezhdunar. otn. no. 3 92-102 '66.

UNITED STATES—INTEREST AND USURY

On the increase of interest rates in the reserve banks
of the U.S.A. R. Elnov. Mir. ekon. i mezhdunar. otn.
no. 4 130-134 '66.

UNITED STATES—LABOR AND LABORING CLASSES

The labor movement in the U.S.A. and the war in Vietnam.
John Dyer. Vsesv. prof. dvizh. no. 2 28-32 Mi '66

The strike in the labor movement of the U.S.A.
V. Kovalev. Mir. ekon. i mezhdunar. otn. no. 4 121-129
'66.

UNITED STATES—MILITARY POLICY

Propaganda of aggression and brigandage. A. N. Ratnikov.
Vest. protivovozd. obor. no. 10:70-74 O '65.

UNITED STATES—MUNITIONS

Monopolies and wars. V. Aboltin. Kommunist 42 no. 2:
100-109 Ja '66.

UNITED STATES—NAVY—AVIATION

State and prospects of the development of carrier aviation
of the U.S. Navy. V. P. Ignatov. Mor. obor. 49 no. 3:
78-83 Mi '66.

UNITED STATES—PETROCHEMISTRY

Growth of petrochemical production in the U.S.A. Nefte-
per. i neftekhim. no. 11:34 '65.

UNITED STATES—POLITICS AND GOVERNMENT

Washington merry-go-round. O. Prudkov. Nov. vrem.
23 no. 15:20-22 Ap '65.

UNITED STATES—POPULATION—STATISTICS

Income distribution and the needs of groups of the population
in the U.S.A. A. Makarov. Ekon. sel'khoz. 41 no. 2:
105-109 F '66.

UNITED STATES—PROPAGANDA, ANTICOMMUNIST

Poisoners. A. Evstaf'ev. Agitator 33 no. 3:51-52 F '66.

UNITED STATES—PSYCHOLOGY, INDUSTRIAL

Psychology in the service of big business. S. Epshteyn.
Nov. vrem. 23 no. 10 20-22 Ap '66.

UNITED STATES—PUBLIC OPINION

Americans and escalation. L. Velichanskii. Nov. vrem.
23 no. 14:13-15 Ap '66.

UNITED STATES—RACE QUESTION—LAWS AND LEGISLATION

American legislation and the Negroes. B. Krylov. Sov.
tust. 30 no. 5 29-31 Mi '66.

UNITED STATES—RELATIONS (GENERAL) WITH COLOMBIA

Beware of the Yankee! Alvaro Delgado. Nov. vrem. 23
no. 14:19-20 Ap '66.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

History of Russo-American scientific contacts in the second
half of the 18th century. E. M. Dvoichenko-Markova.
Sov. slav. no. 2:41-47 '66.

"This is Moscow!" V. N. Zhogin. Vop. arkh. 8 no. 4:
80-81 O-N '64.

UNITED STATES—RELATIONS (MILITARY) WITH THE FAR EAST

Evolution of Washington's military alliances. D. Vol'skiy.
Nov. vrem. 23 no. 15 10-12 Ap '66

UNITED STATES—RELATIONS (MILITARY) WITH SPAIN

Present-day relations between Spain and the United States
of America. A. M. Bolavskiy. Sots. ekon. probl. 14:
15p. no. 4 113-146 '65.

UNITED STATES—RELIGION

Sarbel, V. [Religion in the land of the dollar] Religia
v krajin dolara. Kyiv, Derzh. vyd-vo polit. lit-y
URSR, 1962. 91 p.
(NN)

UNITED STATES—RUSSIAN STUDIES

The articles of Soviet historians are published in the
U.S.A. IU. I. Igritskiy. Ist. SSSR 10 no. 1:229-230 Ja-F
'66.

Present-day American and English historiography of the
industrialization of the U.S.S.R. I. N. Olegina. Vop.
1st 41 no. 3 53-69 Mi '66.

UNITED STATES—SOCIAL CONDITIONS

"Great society" and a dirty war in Vietnam. L. Katshev.
Mir. ekon. i mezhdunar. otn. no. 3 105-108 '66.

UNITED STATES—SOCIALIST PARTY

Policy of the Socialist Party of America toward the
trade-union and labor movement, 1901-1904. V. T.
Buchin. Vest. LGU 20 no. 2 59-71 '65.

UNITED STATES—STRIKES AND LOCKOUTS

The strike in the labor movement of the U.S.A. V. Kovalev.
Mir. ekon. i mezhdunar. otn. no. 4 121-129 '66.

UNITED STATES—SUBMARINE BOATS

Automatic control of submarines in the United States.
G. P. Lisev. Sudostroenie 56 no. 2:40-42 F '66.

UNITED STATES—SUBVERSIVE ACTIVITIES

"Oh times, oh moments!" I. M. Mokukhin. Sov. profsoyuzy
22 no. 3:39-40 F '66.

UNITED STATES—TRADE UNIONS

Not for fear, but... for dollars. E. Makukhin. Sov.
profsoyuzy 22 no. 5 34-35 Mi '66.

UNITIZED CARGO SYSTEMS

Delivering refractories to the building site. B. G. Driap-
chenko, I. M. Tshul'nikov. Ogneupory 31 no. 3 22-23
'66.

Some technological characteristics of the stowage of
unitized cargo in railroad cars and the required charac-
teristics of loaders used within the car. A. L. Sakovich,
F. D. Romanovskiy. Ekon. i tekhn. mor. transp. no. 2:
117-127 '65.

UNIVERSAL DECIMAL CLASSIFICATION see Classification, Universal decimal

UNIVERSE see Cosmogony

UNIVERSITIES AND COLLEGES see subdivision under Kirghizistan; Moscow

UNSATURATED COMPOUNDS

Cyclic esters of unsaturated phosphinic acids. A. N.
Pudovik, E. M. Fatullin, V. P. Zhukov. Zhur. ob. khim.
36 no. 2:310-314 F '66.

Free radical addition of alkanolic acids to unsaturated
ethers and silicon hydrocarbons. G. I. Nikishin, IU. N.
Ogibin. Izv. AN SSSR, Ser. khim. no. 2:372-374 '66.

Hydrogen atom reaction in the system $H_2O + H_2SO_4 + FeSO_4$.
Part 2: Reactions involving unsaturated com-
pounds. N. M. Bozhin and others. Kin. i kat. 7 no. 1:
161-165 Ja-F '66.

Hydrogenation of unsaturated compounds in equilibrium.
G. F. Grebenina, D. V. Sokol'skiy. Izv. AN Kazakh. SSR.
Ser. khim. nauk 14 no. 4:43-54 O-D '64.

Ionic telomerization of β , β' -dichlorodithylformal
with some unsaturated compounds. T. A. Fokina and
others. Vysokom. soed. 8 no. 2:207-212 F '66.

Kinetics and mechanism of heterolytic addition of chlorine
to unsaturated compounds. Part 2: Chlorination in
aprotic solvents. IU. A. Serguchev, E. A. Shilov, Ukr.
khim. zhur. 32 no. 1:34-47 '66.

1,3-Bipolar addition to unsaturated compounds. Part 1:
Addition of acetone to N-oxides to some enyne com-
pounds. L. K. Vagina, V. N. Chislakietov, A. A. Petrov.
Zhur. org. khim. 2 no. 3:417-423 Mi '66.

Phosphorus-containing heterocycles. Part 7: Condensation
reaction of glycephosphorous acid chlorides with α , β -
unsaturated aldehydes, ketones, acids, and azines.
N. A. Razumova and others. Zhur. ob. khim. 36 no. 2:
244-264 F '66.

Reaction of ethyldichlorophosphine with α , β -unsaturated
acids. V. K. Khairullin, T. I. Sobchuk, A. N. Pudovik.
Zhur. ob. khim. 36 no. 2:296-302 F '66.

Reaction of trivalent phosphorus acid chlorides with con-
jugated systems. Part 1: Reaction of ethyldichlorophos-
phine with α , β -unsaturated acids. V. K. Khairullin,
R. R. Shagidullin. Zhur. ob. khim. 36 no. 2:289-298
F '66.

Unsaturated acids and macrocyclic lactones. Report No. 13
(U-Vinyl koto) acids and (U-ethynyl koto) acids. I. D.
Bergol'son, A. N. Gligorian. Izv. AN SSSR, Ser. khim.
no. 2 286-289 '66

UPPER ATMOSPHERE see Atmosphere, Upper

URACIL

Induction of auxothrophy by 5-hydroxymethyl in Salmonella
typhimurium L12. A. G. Shavrovskiy, V. N. Pokrovskiy.
Genetika no. 1:77-81 Ja '66.

URACIL—PHYSIOLOGICAL EFFECT

Changes in the protein composition of the blood under the
effect of single and multiple doses of 5-fluorouracil.
R. A. Anderson. Farm. i toka. 20 no. 1:94-98 Ja-F '65.

URACIL—THERAPEUTIC USE

Effect of methylthiourea on the resistance of animals to
the toxic activity of nitrobenzene. G. P. Shabunov, G. A. Vol-
nov, I. K. Gorenko. Farm. i toka. 27 no. 6 775-776
N-D '61.

URAL MOUNTAIN REGION—BIOGEOGRAPHY

[Heroes of the Urals]. Geol. Priural'ia, Ural'sk, 1963.
75 p.
(CSU-II)

Klialayn, A. S. [Covered with glory; sketches on the
Heroes of the Soviet Union from the southern Urals]
Oyulanyo slayov, ocherk i o'uzhnoual'ianki - Gerakh
Sovetskogo Soluzia. [Chelabinsk] Iuzhno-Ural'skoe
knizhnoe izd-vo, 1965. 121 p.
(CSU-II)

URAL MOUNTAIN REGION—CELTS

Celts in the eastern and southern parts of the Ural Moun-
tain region. D. V. Shchepkov. Mat. i issl. po arkheol.
SSSR no. 130:100-104 '65.

URAL MOUNTAIN REGION—CONSERVATION OF RESOURCES—CONGRESSES

Vsaural'skoe soveshchaniye po voprosam geografii i okru-
zay prirody. 6th. [Protection of nature and landscape
gardening of populated places (abstracts and summaries
of reports), materials] Okhrana prirody i ozeleneniya
naselennykh punktov (referaty i tezis dokladov); mate-
rialy. Ufa, Bashkirskiy gos. univ., 1961. 103 p.

URAL MOUNTAIN REGION—CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

Analysis of labor input and manpower utilization in one
of the sections of the Ural Electric Power Construction
Trust in 1962-1964. D. A. Naumov. Energ. strol.
no. 5:20-29 '66.

URAL MOUNTAIN REGION—CONSTRUCTION INDUSTRY—MANAGEMENT

Maximum efficiency is our goal. P. Chrenko. Tekh.
strol. 8 no. 4:17-21 Ap '66.

URAL MOUNTAIN REGION—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Analysis of labor input and manpower utilization in one
of the sections of the Ural Electric Power Construction
Trust in 1962-1964. D. A. Naumov. Energ. strol.
no. 5:20-29 '66.

URAL MOUNTAIN REGION—GEMS

Ural gemmological stones. L. Gol'dina. Vrach. i org.
46 no. 3:41-42 '66.

URAL MOUNTAIN REGION—GEOLOGY, STRUCTURAL

Basic tectonic characterization of the folded basement of
the new promising oil- and gas-bearing region in the
central part of the trans-Ural region. R. A. Zharkova.
Geol. nefti i gaza 10 no. 2:34-36 F '66.

URAL MOUNTAIN REGION—GEOMORPHOLOGY

Fundamentals of the geomorphological regionalization
of the eastern margin of the East European Plain and the
western slope of the Urals. N. V. Vvedenskaya, L. L.
Golubeva. Nauch. trudy Perm. politekh. inst. no. 12
pt. 2:48-53 '64.

URAL MOUNTAIN REGION—LANDSCAPE GARDENING—CONGRESSES

Vsaural'skoe soveshchaniye po voprosam geografii i okru-
zay prirody. 6th. [Protection of nature and landscape
gardening of populated places (abstracts and summaries
of reports); materials] Okhrana prirody i ozeleneniya
naselennykh punktov (referaty i tezis dokladov); mate-
rialy. Ufa, Bashkirskiy gos. univ., 1961. 103 p.

URAL MOUNTAIN REGION—MACHINERY INDUSTRY—MANAGEMENT

Sverdlovsk. Nauchno-issledovatel'skiy protkno-tekhn-
ologicheskii institut mashinostroyeniya. [Method for the
development and introduction of plans for scientific
labor organization in working areas, sections, and
workshops] Metodika razrabotki i vnedreniya planov
nauchnoy organizatsii truda (NOT) dlia rnbokhkh most,
uchastkov i tsakhov. Moskva, Ekonomika, 1966. 54 p.

URAL MOUNTAIN REGION—MANGANESE

Manganese in low mineralized underground waters in the
central part of the cis-Ural region. A. M. Kropachev,
T. S. Kropacheva. Nauch. trudy Perm. politekh. inst.
no. 12 pt. 2:70-73 F '64.

URAL MOUNTAIN REGION—MOSESSES, FOSSIL

Find of eormorphytic mosses in the Permian sediments of the southern part of the Ural Mountain region, S. V. Meten, V. P. Verdokhlebov, Dokl. AN SSSR 166 no. 4 924-927 F '66.

URAL MOUNTAIN REGION—NONFERROUS METAL INDUSTRIES

Some results of the work of enterprises of nonferrous metallurgy in the Central Urals during the seven-year plan period E. T. Skoblov, V. A. Volkov, Tsvet. met. 39 no. 1:19-22 Ja '66.

URAL MOUNTAIN REGION—OIL WELL LOGGING, ELECTRIC

Using lateral- and microlaterologging in the study of the reefs of the cis-Ural depression, V. G. Dvorkitskii, A. V. Ruchkin, Geol. neftegaza 9 no. 3:54-57 Mr '66.

URAL MOUNTAIN REGION—PALYNOLOGY

Preliminary data on the comparison of the Lower Carboniferous spore-pollen complexes of terrigenous sediments in the Kirtil Basin, Ural Mountain region, and Volga-Ural oil-bearing region, R. V. Buiylova, E. M. Neugodnikova, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2:3-9 '64.

URAL MOUNTAIN REGION—PIPE, CONCRETE

Practices in preparing prestressed elements of the Ural Heavy Pipe Construction Trust, M. F. Preshkov, B. A. Furmanov, Bet. i shel. bet. il no. 3:24-28 Mr '65.

URAL MOUNTAIN REGION—RECLAMATION OF LAND

Improvement of farmlands in the Urals and Siberia, I. F. Ruzhinov, Gidr. i mel. 18 no. 1:58-61 Ja '66.

URAL MOUNTAIN REGION—RIVERS

Hydrochemical characteristics of rivers in the Western Urals and cis-Ural region, L. A. Lashnikov, G. G. Zhidkova, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2:11-47 '64.

URAL MOUNTAIN REGION—TELEVISION PROGRAMS

Stone belt, V. Zubkov, Sov. pech. no. 3:40-41 '66.

URAL MOUNTAIN REGION—WATER, UNDERGROUND—COMPOSITION

Manganese in low mineralized underground waters in the central part of the cis-Ural region, A. M. Kropachov, T. S. Kropachova, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2:70-73 F '64.

URAL MOUNTAINS—AMMONOIDEA

Genus Goniatites and its representatives in the Southern Urals, M. F. Bogdanovskaya, Paleont. zhur. no. 1:30-46 '66.
Virean Ammonoidea in the Southern Urals, V. E. Ruzhen-isev, Paleont. zhur. no. 1:47-59 '66.

URAL MOUNTAINS—CHROMITE

Some results of studying the processes of the formation of chromite deposits in the Kompassny ultrabasic massifs N. V. Pavlov, I. I. Chuprynina, Izv. AN SSSR, Ser. geol. 31 no. 1:57-72 Ja '66.

URAL MOUNTAINS—DESCRIPTION AND TRAVEL

Zaplatin, M. A. [With the Northern Urals in the objective] V ob'ektkivo - urai'skii sever. [Perm.] Perm-skeo knizhnoo izd-vo, 1965, 142 p.

URAL MOUNTAINS—DIAMONDS

Accessory minerals of diamond in the placers of the western belt (Central Urals), IU. V. Shumakov, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2:105-108 '64.

URAL MOUNTAINS—ELECTRIC PROSPECTING

Practice in using electric-logging data in studying the geology of pyrite deposits in the Urals, P. F. Rodionov, Sov. geol. 9 no. 1:137-144 Ja '66.

URAL MOUNTAINS—FAULTS (GEOLOGY)

Nature of the Missa-Sakmaria deep fault in the Southern Urals, I. F. Tavrin, Dokl. AN SSSR 167 no. 1:170-171 Mr '66.

URAL MOUNTAINS—FOREST MANAGEMENT

Principles of the organization of inexhaustive exploitation of mountain forests in the Urals, B. P. Kolesnikov, Trudy Tbil. inst. lesa 14:20-47 '65.

URAL MOUNTAINS—GAS, NATURAL—GEOLOGY

Oil and gas potentials of the eastern slope of the Urals, N. P. Malakhova, Geol. neftegaza 10 no. 2:36-38 F '66.

URAL MOUNTAINS—GEOCHEMISTRY

Distribution of selenium and tellurium in the oxidation zone of chalcocopyrite deposits in the Southern Urals, N. A. Chilaeva, Geokhimiia no. 9:1140-1153 S '65.

URAL MOUNTAINS—GEOLOGY

[Study of the geology of the U.S.S.R.,] Geologicheskaya izuchennost' SSSR, Moskva, Nauka, Vol. 14. [R. S. F. S. R.: Central Urals, period 1951-1955] IISFET; Sredniy Ural, period 1951-1955, No. 2. [Published literature] Opublikovannyye raboty, 1965, 189 p.

URAL MOUNTAINS—IRON AND STEEL PLANTS—MANAGEMENT

Scientific Work Organization NOT at enterprises of ferrous metallurgy of the Central Urals, M. Liberman, Metallurgy 11 no. 2:31-35 F '66.

URAL MOUNTAINS—METALS, RARE AND MINOR

Rare-metal mineralization in the ancient formations of the Urals, A. I. Lisitsyn, Razved. i kh. nedr. 31 no. 12: 1-6 D '65.

URAL MOUNTAINS—MINERALS

Accessory minerals of diamond in the placers of the western belt (Central Urals), IU. V. Shumakov, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2:105-108 '64.

URAL MOUNTAINS—PETROLEUM GEOLOGY

Oil and gas potentials of the eastern slope of the Urals, N. P. Malakhova, Geol. neftegaza 10 no. 2:36-38 F '66.

URAL MOUNTAINS—PHOSPHATES

Phosphate manifestation in sediments of the Kos'va series on the western slope of the Central Urals, F. A. Kurbatskaya, N. P. Chirvinskii, Nauch. trudy Perm. politekh. inst. no. 12 pt. 2:10-17 '64.

URAL MOUNTAINS—PYRITES

Practice in using electric-logging data in studying the geology of pyrite deposits in the Urals, P. F. Rodionov, Sov. geol. 9 no. 1:133-144 Ja '66.

URAL MOUNTAINS—SPRUCE—VARIETIES

Study of various forms of spruce in the central Urals, M. S. Nekrasov, Izv. vys. uchob. zav., les. zhur. 8 no. 6:22-27 '65.

URAL MOUNTAINS—SVABITE

Svabite from contact-metamorphic deposits in Siberia and the Urals, S. V. Malinok, G. S. Rumiantsev, G. A. Sidorenko, Dokl. AN SSSR 166 no. 5:1185-1188 F '66.

URAL RIVER—SHIPPING

Pay more attention to the profitability of passenger transportation, V. Vakhushchev, Rech. transp. 23 no. 6:50 Ja '64.

URAL-VOLGA PETROLEUM REGION see Second Baku

URAL'SK—MATHEMATICAL SOCIETIES

Meetings of the Ural'sk Mathematical Society, Usp. mat. nauk 20 no. 5:297-306 S-O '65.

URANNITE

Association of pitchblende with halloysite, G. A. Tananayeva, K. E. Frolova, Dokl. AN SSSR 166 no. 4:444-446 F '66.
Association of uraninite and selenides in hydrothermal deposits of uranium ores, V. E. Boltsov, Atom. energ. 20 no. 1:46-50 Ja '66.
Genesis of uraninite spherulites, IU. M. Dymkov, Atom. energ. 20 no. 3:250-263 Mr '66.
New data on uraninite and pitchblende from different types of ore manifestation, B. B. Rozina, Zap. Vses. min. ob-va 95 no. 1:83-87 '66.

URANIUM

(see also subdivision under Baikalsk Lake region, Kuznetsk Basin)
Interrelation between the linear thermal expansion coefficient α and the growth index GI, V. V. Kunchenko, N. M. Roenko, Atom. energ. 20 no. 2:169-170 F '66.
Obukhov, A. I. [Studying the asymmetry and anisotropy of nuclear fission during the bombardment of uranium and bismuth by high energy protons] Izuchenie asimmetrii i anizotropii delenia iodor pri oblucheni urana i vismuta protonami vysokikh energii, Leningrad, 1963, 136 p.
(TOU)

URANIUM—ANALYSIS

Composition of uranium-vanadium minerals, Geokhimiia no. 9:1120-1129 S '65.

URANIUM-BISMUTH ALLOYS—THERMODYNAMICS

Thermodynamics of liquid solutions in the uranium-bismuth system, V. A. Lebedev, I. F. Nizhkov, S. P. Raspopin, Elektrokhiimiia 2 no. 2:160-166 F '65.

URANIUM COMPOUNDS

Oxidation-reduction reactions of actinide elements Part 3: Kinetics of reaction between uranium (IV) and bromate ions in perchlorate solutions, A. G. Rykov, V. Ia. Vasil'ev, G. N. Lakovlev, Radiokhimiia 8 no. 1:33-42 '66.

Thermochemical study of crystal hydrates of uranium tetrafluoride and products of their dehydration, Report No. 1, E. I. Khanaev, IU. V. Gagarinskii, Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:63-68 '64.

URANIUM ISOTOPES

Angular spectra of prompt neutrons produced in the ternary fission of ^{235}U nuclei, V. N. Nefedov and others, Izd. fiz. 3 no. 3:485-487 Mr '66.

Electrons emitted during fission and from fragments in the fission of uranium nuclei by neutrons of various energies, O. E. Belovitskii, Izd. fiz. 3 no. 3:168-175 Mr '66.
Use of the gamma-spectrometry method in measuring the rejection of the capture and fission cross sections for ^{238}U , L. N. Il'urova, A. V. Bushuev, Atom. energ. 20 no. 1:60-61 Ja '66.

URANIUM ORES

Association of uraninite and selenides in hydrothermal deposits of uranium ores, V. E. Boltsov, Atom. energ. 20 no. 1:46-50 Ja '66.
Uranium content in sulfides as an indicator of uranium mineralization, E. N. Baianov, G. I. Vertepov, Atom. energ. 20 no. 2:170-171 F '66.

URANIUM OXIDES

New binary oxides of uranium and tungsten, O. N. Rozanova, V. K. Trunov, L. M. Kovba, Izv. AN SSSR. Neorg. mat. 2 no. 2:319-320 F '66.
Some properties of uranium pentoxide, I. I. Korzhina and others, Vest. LGU 21 no. 4:129-132 '66.

URANIUM OXIDES—SPECTRA

Structural transformations of UO_2 under the effect of high temperature and additions of zirconium dioxide or thorium, I. M. Kulshreshtha and others, Dokl. AN SSSR 166 no. 4: 880-882 F '66.

URANIUM SULFATES

Effect of diluents on the extraction of sulfuric acid, uranium (IV) and (VI) sulfates by N-decylaniline, O. E. Zviagintsev and others, Zhur. neorg. khim. 31 no. 3: 661-665 Mr '66.

URANYL NITRATE

Extraction of uranyl nitrate with certain derivatives of pyridine N-oxide, V. G. Tolgov and others, Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:95-104 '64.

Mutual effect of uranyl nitrate and thionium nitrate in a simultaneous extraction with tributyl phosphate, A. V. Nikolaev, A. I. Rabinin, IU. A. Afanas'ev, Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 3:60-62 '64.

URAZDAEV, MAGOMET TASHIEVICH, 1909-

Magomet Tashievich Urazbaev; on his 60th birthday, Izv. AN U.Z.SSR. Ser. fiz., -mat. nauk 10 no. 2:83-84 '66.

UREA

Derivatives of 4(5)-oxazolone and 4(5)-thiazolone. Part 4: N-substituted chlamoylureas and their bromocyclization, I. V. Smolanka, S. M. Khripak, V. I. Staninets, Ukr. khim. zhur. 32 no. 1:48-49 '66.

Dynamics of urinary and blood urea during surgery under local anesthesia, N. P. Medvedev, G. B. Ivanova, Eksp. khir. i anest. no. 4:67 '65.

Electron donor atom in organic complexes of urea and acetamide, N. Z. Rudenko, Z. K. Dzhelepanova, Zhur. ob. khim. 36 no. 2:232-238 F '66.

Interrelationship between urea and molten sodium and ammonium thiocyanates, A. G. Bergman, A. K. Nestorova, Sbor. nauch. rab. Volg. gos. ped. inst. no. 1: 16-22 '64.

Kinetics of the cathodic decomposition of thiourea during the electrodeposition of nickel, IU. K. Vagle, A. I. Bodnevas, IU. IU. Matulis, Zashch. met. 2 no. 2:201-205 '66.

Mechanism of acyl rearrangement in the reaction of thiourea with 2,3-dibromo-1-propanol esters, E. D. Sverdlov and others, Dokl. AN SSSR 166 no. 5:1113-1116 F '66.

Nonflammable polyvinyl alcohol fibers on the basis of polyvinyl alcohol with dimethylolurea and tetramethyl phosphonium chloride, G. A. Kiselev, L. A. Vol'f, A. E. Meos, Zhur. prikl. khim. 30 no. 2:368-393 F '66.

Physicochemical investigation of the system carbamide - polyphosphoric acids, S. I. Vol'kovich, A. I. Chekhovskikh, Zhur. prikl. khim. 30 no. 2:219-257 F '66.

Production of urea on the base of carbon monoxide, A. Lovi and others, Khim. prom. 41 no. 11:820-823 N '65.

Spectrophotometric study of the thiourea complexes of bivalent palladium, V. I. Shlonskaya, A. A. Birinkov, D. M. Moskovkina, Zhur. neorg. khim. 31 no. 3:600-605 Mr '66.

Study of the mutagenic action of nitrosourea on actinomycetes, Report No. 1. Action of nitrosourea on Act. olivaceus U3, Act. olivaceus 2871 (B), Act. sphe. odos 354, L. L. Gurnanov, N. P. Noronko, Genetika no. 1:82-88 Ja '66.

Ternary system from urea and sodium and potassium thiocyanates, A. G. Bergman, A. K. Nestorova, Sbor. nauch. rab. Volg. gos. ped. inst. no. 1:8-15 '64.

Use of thiourea dioxide in the single-phase suspension method for dyeing cotton and staple fabrics with vat dyes, N. I. Prorokov and others, Tekst. prom. 26 no. 3:56-58 Mr '66.

Use of urea as fertilizer in Japan, G. G. Cherepanov, Khim. v sel', khoz. 4 no. 3:67-70 Mr '66.

UREA—SPECTRA

Interpretation of the vibrational spectrum of urea, O. V. Nefedov, O. V. Flakova'ka, Ukr. fiz. zhur. 11 no. 2: 194-198 F '66.

UZBEKISTAN—HOTELS, TAVERNS, ETC.—DESIGN AND CONSTRUCTION

Standard hotel with 500 beds. F. Levinstein, Stroi, i arkhitekt. Uzb. 6 no. 6:21 Je '65.

UZBEKISTAN—INCOME

Growth of income and the purchasing power of the population of Uzbekistan. F. Rasulov, Ekon. i zhizn' 8 no. 2:76-78 F '66.

UZBEKISTAN—INDUSTRIAL EQUIPMENT—TECHNOLOGICAL INNOVATIONS

Domestic for the creation and introduction of new equipment. Ekon. i zhizn' 8 no. 2:92 F '66.

UZBEKISTAN—INDUSTRIAL MANAGEMENT

Don't conceal, but reveal capacities. S. Petakov, Ekon. i zhizn' 8 no. 2:24-27 F '66.

Industrial management should be based on economic calculations. Ekon. i zhizn' 8 no. 2:30-39 F '66.

Manage economically. Ekon. i zhizn' 8 no. 2:3-6 F '66.

UZBEKISTAN—INDUSTRIAL PROCUREMENT

Under new conditions. P. V. Katnikov, Ekon. i zhizn' 8 no. 2:44-45 F '66.

UZBEKISTAN—INDUSTRIES

First year of the five-year plan. Ekon. i zhizn' 8 no. 2:88-89 F '66.

The industrial Uzbekistan. I. Salimov, Vnesh. torg. 46 no. 3:37-40 '66.

UZBEKISTAN—IRRIGATION

Use of artesian wells for irrigation in Uzbekistan. N. L. Morozov, Gidr. i mel. 18 no. 2:18-20 F '66.

UZBEKISTAN—IRRIGATION CANALS AND FLUMES

Full-scale investigation of the resistance of precast concrete flume-canals to dynamic action. B. Ilyasov, R. Ovezbeidiyev, Stroi, i arkhitekt. Uzb. 6 no. 6:25-28 Je '65.

UZBEKISTAN—JUNIPER

Study of the trunk form of Juniperus seravschanica Kom. I. A. Kul'bachnyi, Izv. vys. ucheb. zav., les. zhur. 8 no. 6:38-41 '65.

UZBEKISTAN—KARAKUL SHEEP—FEEDING AND FEEDS

Results of research. I. A. Bakman, Ekon. i zhizn' 8 no. 1:90-92 Ja '66.

UZBEKISTAN—MACARONI

Reorganization of the macaroni factory in Namangan. I. A. 8, Tolstomog. Khleb, i kond. prom. 10 no. 3:44 Mr '66.

UZBEKISTAN—MANUFACTURES

Give quality the primary attention. F. K. Kokanbaev, Ekon. i zhizn' 8 no. 1:27-30 Ja '66.

UZBEKISTAN—METAL INDUSTRIES—MANAGEMENT

Scientific labor organization and potentialities of a plant. S. T. Sarikov, Ekon. i zhizn' 8 no. 1:40-41 Ja '66.

UZBEKISTAN—PASTURES AND MEADOWS

Academiya nauk Uzbekskoi SSR, Tashkent, Institut botaniki. [Problems of the efficient use and improvement of steppe pastures] Voprosy ratsional'nogo ispol'zovaniia i uchusheniia pustynnykh pastbishch. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 207 p. (DNL)

UZBEKISTAN—PETROLEUM GEOLOGY

Characteristics of the distribution of oil and gas fields in southwestern Tajikistan and adjacent regions of the Uzbek S. S. R. E. V. Lebzin, Geol. nefti i gaza 10 no. 1:20-24 Ja '66.

UZBEKISTAN—PETROLOGY

Petrographic Commission of Uzbekistan. Uzb. geol. zhur. 10 no. 1:73-74 '66.

UZBEKISTAN—POWER ENGINEERING

Power systems of the republic are on the upsurge. M. Zherebtsov, Ekon. i zhizn' 8 no. 2:20-23 F '66.

UZBEKISTAN—PRESS

Development of the press of Uzbekistan during the national-state demarcation of Central Asia. P. U. Khamdamov, Vest. Mosk. un. Ser. 7: Filol., zhur. 20 no. 6:50-67 N-D '65.

UZBEKISTAN—ROAD CONSTRUCTION

Profitableness of road construction in Uzbekistan. I. Strel'tsov, Avt. dor. 29 no. 3:3-4 Mr '66.

UZBEKISTAN—RURAL CONSTRUCTION

Real problems of intercollective farm construction. Kh. Miftakhov, Ekon. i zhizn' 8 no. 1:64-67 Ja '66.

UZBEKISTAN—SAND, FOUNDRY

Supply the founders with excellent sand. A. Ganiev, Ekon. i zhizn' 8 no. 2:48 F '66.

UZBEKISTAN—SAVING AND THRIFT

On the march for economy. Ekon. i zhizn' 8 no. 2:7-8 F '66.

UZBEKISTAN—SCHEELITE

Patagonesis of scheelite and bismutite in ores of the arsenic-bismuth deposit in Uzbekistan. E. A. Damin-Barkovskaya, Uzb. geol. zhur. 10 no. 1:33-36 '66.

UZBEKISTAN—SILT

Problem of ... the silt. K. Kurnosenkov, Ekon. i zhizn' 8 no. 2:31 F '66.

UZBEKISTAN—SLAUGHTERING AND SLAUGHTERHOUSES

Efficient organization is the main thing. M. Vladimirov, S. L'ansu, Zakup. sel'khoz. prod. no. 6:46-47 Je '65.

UZBEKISTAN—SOIL PROTOZOA

Nikoluk, V. F. [Soil Protista (Protozoa) in Uzbekistan] Protisty (Pirozoa) pochvy Uzbekistana. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 172 p.

UZBEKISTAN—TAENIA

Improvement of the organization of measures for the control of Taeniarhynchus infestations. K. E. Sitov, Med. paraz. i paraz. bol. 35 no. 2:145-148 Mr-Apr '66.

UZBEKISTAN—TERRA COTTA

A group of plastic terra-cotta statuettes from Tashkent. G. A. Pugachenkova, Mat. i issl. po arkheol. SSR no. 130: 248-252 '65.

UZBEKISTAN—VEGETABLE GARDENING

On March crops, cabbage for export, and tomatoes the year round. I. Skvortsov, Ekon. i zhizn' 8 no. 2:63-69 F '66.

UZBEKISTAN—WEED CONTROL

Additional use of the Bukhara gas. Ekon. i zhizn' 8 no. 2:90 F '66.

UZH VALLEY—FLYSCH

Age of flysch rocks in the Volosyanka-Lug region (Uzh basin in Transcarpathia). F. F. Temniuk, S. S. Klishch, Geol. i geokhim. neft. i gaz. mestorozh. no. 1:154-158 '65.

UZH VALLEY—GEOLOGICAL TIME

Age of flysch rocks in the Volosyanka-Lug region (Uzh basin in Transcarpathia). F. F. Temniuk, S. S. Klishch, Geol. i geokhim. neft. i gaz. mestorozh. no. 1:154-158 '65.

UZH VALLEY—GEOLOGY

New data on the geology of the upper Uzh basin (Eastern Carpathians). V. V. Danysh, Geol. i geokhim. neft. i gaz. mestorozh. no. 1:159-165 '65.

Northern boundary of the Magura zone in the Uzh and Borzhava Interfluvie. B. N. Chalyi, Geol. i geokhim. neft. i gaz. mestorozh. no. 1:167-170 '65.

UZH VALLEY—PYROXENES

Pyroxene from the shales of the Uzh River banks in Volhynia. E. K. Piskorskaya, Min. shor. 10 no. 1: 98-101 '65.

UZIGOROD—DRUGSTORES

Working experience. M. O. Kosenko, Farmats. zhur. 20 no. 4:81-83 '65.

VACCINATION

Characteristics of the reactions to bacterial antigens following irradiation. V. N. Mal'tsev, Med. rad. 11 no. 2:70-75 F '66.

Differentiation between healthy animals and animals with brucellosis in a vaccinated herd. E. I. Bukin, Trudy Mosk. vet. akad. 19 no. 2 pt. 1:73-78 '57.

VACCINES

Prevention of recurrent scarlet fever by vaccine therapy (electrophoretic method). P. A. Alisov, Sov. med. 27 no. 5:13-16 My '64.

VACUUM

Bonding of aluminum and copper in high vacuum. B. I. Verkin, E. L. Kravchenko, A. N. Litichev, Avtom. svar. 19 no. 2:10-14 F '66.

Role of vacuum in cold welding. V. I. Balakin, K. K. Khrenov, Avtom. svar. 19 no. 2:7-8 F '66.

VACUUM APPARATUS

Studying a milking apparatus with a periodical vacuum under a seal. S. G. Abbasov, Vest. sel'khoz. nauk 10 no. 7:117-121 Ji '65.

Ultrahigh vacuum produced in an OGRA-1 unit. S. S. Buluzov and others, Zhur. tekhn. fiz. 36 no. 2:310-323 F '66.

VACUUM CLEANERS—DESIGN AND CONSTRUCTION

Fundamentals of the theory of the pressure calculations of vacuum cleaner suction heads. A. A. Kurnikov, Trudy TSNI MPS no. 288:34-38 '65.

VACUUM TECHNOLOGY

Evaluating the effect of various factors on the performance of a low-vacuum unit. V. D. Lubenets, Izv. vys. ucheb. zav. mashinostr. no. 11:80-85 '65.

Pipko, A. I., V. I. A. Pliskovskii, and E. A. Penchko.

[Equipment for pumping out vacuum devices] Oborudovanie dlia otkachki vakuumnykh priborov. Moskva, Energiia, 1965. 462 p.

Using a low-vacuum unit in calculating the time of pumping out gas from a closed container. V. D. Lubenets, Izv. vys. ucheb. zav. mashinostr. no. 12:62-69 '65.

Vacuum-type load-gripping devices. V. A. Lantsov, L. A. Polonskii, Stroi, i dor. mash. 10 no. 11:23-26 N '65.

Work and power used in pumping out gas from a closed container. V. D. Lubenets, Izv. vys. ucheb. zav. mashinostr. no. 1:92-101 '66.

VACUUM TECHNOLOGY—CONGRESSES

Third International Congress on Vacuum Technology. IU. M. Pustovoi, Atom. energ. 20 no. 2:185-188 F '66.

VAGUS NERVE—BLOOD SUPPLY

Evolution of blood supply of the vagus nerve. V. A. Muratikova, Arkh. anat., gist. i embr. 50 no. 1:30-38 Ja '66.

VAGUS NERVE—SURGERY

Effect of vagotomy on the development of experimental endocarditis. D. F. Pietatyi, L. L. Aver'ianova, Dokl. AN SSSR 167 no. 1:238-240 Mr '66.

VAKHSH VALLEY—TUNNELING

At the foot of the sun. I. Orlov, Sov. profsoyuzy 22 no. 6:24-26 Mr '66.

VALENCE (THEORETICAL CHEMISTRY)

Catalytic activity of iron-cobalt catalysts as dependent on their electronic structure. R. F. Lavrentovich and others, Khim. i kat. 7 no. 1:24-28 Ja-F '66.

"Introduction to the electronic theory of organic compounds" by A. I. Kiprianov, V. A. Izmail'skii, Ukr. khim. zhur. 32 no. 11:8-110 '66.

VALIKHANOV, CHOKAN CHINGISOVICH, 1835-1865

Khasanov, Kadyr. [Chokan Valikhanov as Uigur scholar] Chokan Valikhanov kak ulguroved. Alma-Ata, Ob-vo po rasprostraneniui polit. i nauchn. znanii Kazakhskoi SSR, 1963. 67 p. (NNC)

Zimanov, S. Z., and A. A. Alishev. [Chokan Valikhanov's political opinions] Politicheskie vzgledy Chokana Valikhanova. Alma-Ata, Nauka, 1965. 247 p.

VALINE

Synthesis and properties of rhodanines obtained from valine. I. I. Kopichek, Farmats. zhur. 21 no. 1:7-10 '66.

VALLEYS see subdivision under Maritime Territory

VALMIERA (LATVIA)—BOOKSELLERS AND BOOK-SELLING

With the booksellers of Valmiera. I. Turovskaya, Knizh. torg. 17 no. 1:26-28 Ja '66.

VALUE

Medvedev, V. A. [The law of value and the material incentives of socialist production] Zakon stoimosti i material'nye stimuly sotsialisticheskogo proizvodstva. Moskva, Ekonomika, 1966. 161 p.

Use value and quality. V. Vorotilov, Vop. ekon. no. 2: 61-60 F '66.

VALVES

Back pressure valves with a damping device. A. G. Rotenberg, L. N. Tikhomirova, Khim. tekhn. 43 no. 2: 22-25 F '66.

Choice of drives for the shut-off valves of water pipelines. V. V. Shinkovitch, Nauch. trudy AKKH no. 34:60-70 '65.

Electromechanical drive of a shut-off valve. S. G. Smol'nitskii and others, Teploenergetika 12 no. 12:46-50 D '66.

Methodology of calculating the throughput of the safety valve of vulcanizing kettles. V. D. Skafymov, Kauch. i rez. 25 no. 3:36-38 '66.

Need for a modernized design of pressure vent valves. M. Bobrovnikov, Pozh. delo no. 1:27 Ja '66.

Packing of the equalizing valve of a layer tester from the "KII-146-GrozUdNI" seal. K. G. Bagirov, M. M. Rustamov, V. I. Kronov, Mash. i neft. shor. no. 1:18-20 '66.

Self-packing plug-type valve for a working pressure up to 7 KG-cm². E. S. Braginov, N. I. Safiev, Mash. i neft. shor. no. 1:12-15 '66.

VALVES—LUBRICATION

Mechanism of the sealing of plug-type valves using packing lubricants with fillers. I. G. Fuks and others, Neftoper. i neftekhim. no. 2:27-30 '66.

VANADIUM

Change of the specific surface area in the thermal dissociation of the sulfates of zinc, copper, cobalt and in the oxidizing roasting of vanadium charges. S. A. Amirova, V. V. Pechkovskii, T. I. Bercanava, Shor. nauch. trud. Perm. politekh. inst. no. 10:149-154 '61.

Effect of vanadium on the phase composition and structure of high boron steel. R. V. Gribenikov and others, Atom. energ. 20 no. 2:144-145 F '65.

VANADIUM (Continued)

Recovery of vanadium from the spent vanadium-potassium-sulfate gel catalyst from the production of phthalic anhydride. A. P. Shestov and others. Khim. prom. 41 no. 11 859 N '65

Extraction of pentavalent vanadium from the solutions of hydrofluoric acid by anionites. V. S. Pakholko. Izv. v. s. uchib. z. , khim. i khim. tekhn. 8 no. 6 940-944 '65

VANADIUM—ANALYSIS

Composition of uranium-vanadium minerals. I. I. Berezukov and others. Geokhimiya no. 9, 1120-1129 S '65.

VANADIUM—METALLURGY

(see also subdivision under Chusovskiy, Perm Province)

Development of a new technology for the recovery of vanadium from converter slags. S. A. Amirova and others. Sbor. nauch. tr. Perm. politekh. inst. no. 10 131-137 '61.

Preliminary oxidation as a means of increasing the degree of vanadium recovery from converter slags. S. A. Amirova and others. Sbor. nauch. tr. Perm. politekh. inst. no. 10 121-129 '61.

Reduction of vanadium-bearing spinelites and slags by hydrogen. S. A. Amirova and others. Izv. v. s. uchib. z. , zav. i. zav. met. 9 no. 1 85-89 '66.

Roasting of granulated and moistened vanadium-containing charges in an enlarged laboratory furnace. S. A. Amirova and others. Sbor. nauch. tr. Perm. politekh. inst. no. 10 111-119 '61.

VANADIUM CHLORIDES

Purification of vanadium oxychloride from titanium tetrachloride and other impurities by rectification. L. A. Nisels' son and others. Izv. AN SSSR, Met. no. 1: 61-70 Ja-F '66.

VANADIUM COMPOUNDS

Complex pentavalent vanadium ions with chloride and sulfate ions. A. A. Ivakin. Zhur. prikl. khim. 39 no. 2 277-284 F '66

Enthalpies of formation of Me_3VCl_3 and Me_3VCl_2 . I. V. Vasil'kova, I. L. Perfilova, Zhur. neorg. khim. 10 no. 10 2286-2293 O '65.

Peroxide complexes of titanium and vanadium in weak acids. A. K. Babko, A. I. Vol'kova, S. L. Lisichenok. Zhur. neorg. khim. 11 no. 3: 478-485 Mr '66.

VANADIUM IODIDES

Behavior of vanadium iodides in the region of high temperatures. T. A. Tolmacheva, V. M. Tsintsius, E. E. Iudovich. Zhur. neorg. khim. 11 no. 3: 455-457 Mr '66.

VANADIUM-IRON ALLOYS

(see Iron-vanadium alloys)

VANADIUM ISOTOPES—DECAY

The K/β^+ relation for the allowed transitions V^{45} ($4^+ \rightarrow 4^+$) and Co^{58} ($2^+ \rightarrow 2^+$). E. L. Biriukov, E. G. Zaitseva, N. S. Shiman'skaya. Izv. AN SSSR, Ser. fiz. 30 no. 3 504-510 Mr '65.

VANADIUM ORES—TRANSPORTATIONS

(see subcategory under Kachkanar Mountain)

VANADIUM-TITANIUM-NIOBIUM ALLOYS

(see Niobium-vanadium-titanium alloys)

VANNIC ANTIQUITIES

(see subdivision under Georgia)

VAPOR-LIQUID EQUILIBRIUM

Effect of sodium acetate on the vapor-liquid phase equilibrium in the system acetic acid - formic acid - water - sodium acetate. L. M. Dzhekechiorova, I. N. Tsiplaris, V. B. Kogan. Gidroliz. i lesokhim. prom. 19 no. 2: 11-13 '66.

Liquid - vapor equilibrium in systems consisting of trichloroethane with dipropyl, dimethyl, and diisopropyl ethers. I. I. Lapidus, L. A. Nisels' son. Zhur. fiz. khim. 40 no. 3: 637-640 Mr '65.

VAPOR PRESSURE

Dissociation pressure of Al_2Ca . V. G. Muradov, P. V. Kocherov. Izv. v. s. uchib. z. , zav. i. zav. met. 9 no. 1: 85-88 '66.

Effect of salts on the liquid-vapor equilibrium of 28% ethyl alcohol. V. F. Sergeeva, M. A. Mishchenko. Izv. AN Kazakh. SSR, Ser. khim. nauk 14 no. 4: 7-12 O-D '64.

Equation for the pressure curve of argon vapor. L. I. Lurii, V. A. Rabinovich. Zhur. fiz. khim. 40 no. 3: 709-711 Mr '66.

Pressure and composition of vapor in the system $KCl-ThCl_4$. Su Mien-tzen [Su Mien-tsen], G. I. Novikov. Zhur. neorg. khim. 11 no. 3: 488-503 Mr '66.

Pressure of the saturated vapors of trioxanes. I. I. Serebriannaya, S. Sh. Byk. Khim. prom. 41 no. 11: 826-829 N '65.

Structural changes of polyindeneamide studied by measurements of water vapor sorption. Z. A. Samchenko, E. F. Nekrasov. Ukr. khim. zhur. 32 no. 2: 184-186 '66.

Studying vaporization and the thermodynamic properties of chromium carbides. A. S. Bolgar, V. V. Fesenko, S. P. Gordienko, Porosh. met. 6 no. 2: 100-107 F '66.

Thermodynamics of benzoic acid solutions in methanol based on isometric measurements. S. Tanevka-Osinska, K. P. Mishchenko. Zhur. fiz. khim. 40 no. 3: 841-845 Mr '66.

Vapor composition in the systems $ErCl_3 - CaCl_2$ and $NdCl_3 - CaCl_2$. F. G. Gavtuchankov, G. I. Novikov. Vest. LGU 21 no. 1: 106-112 '66.

Vapor pressure of the rare-earth metals scandium and yttrium. A. A. Kuglykh, V. S. Pavlov. Izv. AN SSSR, Met. no. 1: 178-180 Ja-F '66.

VAPORIZATION, HEAT OF

(see Heat of vaporization)

VAREIKIS, IOSIF MIKHAILOVICH, 1894-1939

Lappo, D. D. Iosif Vareikis. Moskva, Politizdat, 1966. 66 p.

VARNA, BULGARIA—BALLET

Varna, 1965. Azari Pilsetskii. Tsent. 27 no. 1: 155-156 Ja '66

VARNA, BULGARIA—HEALTH RESORTS, WATERING PLACES, ETC.

Different properties of Black Sea health resorts located on the same parallel. V. I. Sukharov, E. M. Batbakova. Vest. dermat. i ven. no. 6: 20-32 '65

VASES, GREEK

(see subdivision under Chiosonese)

VASES, ITALIAN

A pelike from southern Italy in the Rybinsk Museum. D. M. Litvacheva. Sov. arkheol. 10 no. 2: 301-304 '66.

VASIL'VA, LIUDMILA

A moment for a flight, a day for the thoughts. S. Ignatiev. Kryl. i. od. 17 no. 3: 12-13 Mr '66.

VASODILATORS

Dilating effect of aibamanin on coronary vessels. I. A. I. Khadzhal, V. F. Kusnetsova, Farmats. zhur. 20 no. 4. 47-51 '65.

VASOMOTOR NERVOUS SYSTEM

(see Nervous system, Vasomotor)

VASOPRESSINS—PHYSIOLOGICAL EFFECT

Effect of vasopressin on the vascular system of the renal substance medullaris. L. N. Ivanova, L. K. Kurdubay, T. V. Pererkival'skaya. Fiziol. zhur. 52 no. 3: 302-307 Mr '66.

VASYLENKO, HRYHORIY ANTONOVYCH, 1902-1965

H. A. Vasylenko; obituary. Ukr. ist. zhur. 10 no. 1: 150 Ja '66.

VASYUGAN VALLEY—PETROLEUM GEOLOGY

Oil and gas potential of Jurassic and Neocomian sediments in the Vasyugan Valley. S. I. Bliznichenko. Geol. nefit' gaz. 10 no. 2: 47-53 F '66.

VATAGIN, VASILII ALEKSEEVICH, 1894-

Remarkable painter and sculptor of animals; 60 years of V. A. Vatagin's work. P. A. Aleksandrov. Priroda no. 2: 86-97 F '66.

VATICAN COUNCIL, 1963-1965

The final stage of the Second Vatican Council. Bishop W. V. V. Zhur. Mosk. Patr. no. 3: 62-70 '66.

VAULTING HORSE

Precision of the takeoff run in gymnastic horse vaulting. V. I. Tarakanov. Teor. i prak. fiz. kul't. 29 no. 3: 62-63 Mr '66.

VAVILOV, NIKOLAI IVANOVICH, 1887-1942

Dialectical and materialistic traits in Nikolai Ivanovich Vavilov's philosophy. L. P. Dergacheva. Mezhd. filoz. sbor. Kish. un. no. 4: 103-114 '64.

Outstanding biologist and plant breeder. N. A. Bazilav'skaya. Vest. sel'khoz. nauk 10 no. 6: 120-132 Ja '66.

VAYGACH ISLAND—TETRACORALLA

Ordovician and Silurian Rugosa in the Vaygach and Dolgoy Islands. S. I. Strel'nikov. Uch. zap. MUGA, Ser. "Paleont. i biostr." no. 8: 24-27 '65.

VECTOR ANALYSIS

Formula for the integral geodesic curvature of a closed surface strip. A. L. Verner. Usp. mat. nauk 20 no. 5: 193-197 S-O '65.

VECTORCARDIOGRAPHY

Significance of vectorcardiography in determining the indications for mitral commissurotomy. V. I. Makolkin, I. I. Sokov. Sov. med. 27 no. 5: 229-34 My '64.

VEDENEV, BORIS EVGEN'EVICH, 1885-

Boris Evgen'evich Vedeneyev on the occasion of the 80th anniversary of his birth. Izv. VNIIG 77: 5-8 '65.

VEGETABLE GARDENING

(see also subdivision under Uzbekistan)

Propagation of vegetable seedlings. A. A. Dorokhov. Shkola i prosv. 10 no. 3: 88-90 Mr '66.

VEGETABLE GARDENING—FINANCE

(see subcategory under China)

VEGETABLE HANDLING

A multifactorial potato and root crop losses. D. I. Khar'kov. Zakup. sel'khoz. prod. no. 1: 57 Ja '66.

VEGETABLE TRADE

What prevents the procurement of more potatoes, vegetables and fruit. I. Shaplo. Zakup. sel'khoz. prod. no. 6: 21-22 Ja '65.

VEGETABLE TRADE—LAWS AND LEGISLATION

State arbitration practice: certain problems arising in the practical application of the recent terms for the delivery of fruit and vegetable products. Sota. zakon. 41 no. 3: 91-92 Ma '66.

VEGETABLE TRADE—MECHANIZATION

(see subdivision under Moscow)

VEGETABLES

(see also subdivision under Mytishchi District)

Heterosts in vegetable plants. D. D. Bereznev. Dneprovsk. no. 2: 69-81 '66.

VEGETABLES—CANNING AND PRESERVING

There is need for the primary processing of fruit and vegetables on collective and state farms. M. V. Vinogradova. Zakup. sel'khoz. prod. no. 1: 42-43 Ja '66

VEGETABLES—DISEASES AND PESTS

(see subdivision under Aphoron Peninsula)

VEGETABLES—FERTILIZERS AND MANURES

Mechanization of applying supplementary fertilizers to vegetables in greenhouses. M. Vorob'ov, I. Sushkin. Lekh v sel'khoz. 20 no. 2: 8-11 F '66

VEGETABLES—PRICES

Retail prices for early vegetables. V. Mikhailovskii. Sov. tovg. 39 no. 3: 45-48 Mr '66

VEGETABLES—STORAGE

(see subdivision under Moscow; White Russia)

VEGETABLES, DRIED—ANALYSIS

Mineral composition of spray dried powdered vegetables. M. P. Ilyukhina. Khim. prom. no. 1: 40-41 Ja-P '66.

VEGETABLES AS FOOD

Effect of fresh and dried vegetables on the development of experimental hypercholesterolemia and atherosclerosis in rabbits. D. A. Kadlin, I. V. Klement'eva, L. I. Giren'nik. Farm. i toka. 20 no. 1: 110-113 Ja-F '66.

VEINS—SURGERY

Surgical treatment of subcutaneous thrombophlebitis of the subcutaneous veins of the lower extremities. G. I. Sarakhin. Sov. med. 20 no. 2: 103-107 F '64.

VELÁZQUEZ, DIEGO RODRIGUEZ DE SILVA Y, 1899-1960

Dmitriyenko, M. F. [Velázquez] Velázquez, Moskva, Molodaja gvardiya, 1965. 251 p. (Zhizn' zamchatel'nykh liudoi. Seriya biografii, no. 30(418))

VELIKOYE LAKE REGION (KALININ PROVINCE)—

PHYSICAL GEOGRAPHY

Landform profile between Lake Velikoye and Lake Kalininets. I. L. Volkovot'skaya. Izv. Vses. geog. ob-va 98 no. 1: 47-54 Ja-F '66.

VENEDIKTOV, ANATOLII VASIL'EVICH, 1887-1959

A. V. Venediktov; obituary. Sov. gos. i prav. na. 6: 123 S '60.

VENEERS AND VENEERING

Experience in the modernization of RS-5 edge-gluing machines. A. G. Chernin, N. I. Gelsko, V. I. Logunov. Der. prom. 15 no. 3: 27 Mr '66.

Ways of increasing the output of high-quality sliced veneer. I. I. Mikhov and others. Der. prom. 15 no. 2: 3-5 F '66.

VENEERS AND VENEERING—DRYING

Evaluating the effectiveness of drying rotary-cut veneer in roller dryers. D. M. Sterlin. Der. prom. 15 no. 2: 5-9 F '66.

VENEERS AND VENEERING—ELECTRIC DRIVING

Electric driving ensuring constant speed of rotary cutting. I. A. Onatskii. Der. prom. 15 no. 2: 11-13 F '66.

VENEREAL DISEASES

Prophylactic screening under present conditions. N. L. Rossianskii. Vest. dermat. i ven. no. 3: 81-83 '66.

VENTURI TUBES

Venturi tube for measuring small flows and speeds in large-diameter pipelines. B. V. Diadiakina, Z. I. Katarova. Teploenergetika 12 no. 12: 84 D '65.

VENUS (PLANET)

Radio noises and the temperature of Venus. V. M. Vakhnin, A. I. Lebedinski. Zem. i vesl. 2 no. 1: 70-41 Ja-F '66.

VENUS PROBES

Pennant of the U S S R on Venus Piroda 55 no. 3: 8 '66.

VERKHNE-DNEPROVSK (UKRAINE)—SUGAR INDUSTRY

Five years of the work of the Verkhne-Dneprovsk Starch and Molasses Combine, I. N. Kozlov, Sakh. prom., 40 no. 4:64-68 Ap '66.

VERKHOVSKIY ISLAND—PETRELS

Recent data on the petrel Oceanodroma monstrosus, B. G. Maslennikov, Zap. Priamur. fil. Geog. ob-va SSSR no. 1, 157-158 '65.

VERKHOYANSK RANGE—GEOMORPHOLOGY

In the Verkhoyansk Mountains, B. I. Priokopchuk, Priroda no. 2:74 P '66.

VERKHOYANSK RANGE REGION—GEOLOGY, STRATIGRAPHIC

Correlation of Lower Jurassic oil- and gas-bearing horizons in the Vilyuy hemisyncline and cis-Verkhoyansk Trough, K. I. Mikulenko, E. A. Gaidurova, Geol. nefit i gaza 10 no. 2:13-47 F '66.

VERMICULITE see subdivision under Azov Sea region

VERMIFUGES see Anthelmintics

VERTEBRAE, CERVICAL—FRACTURE

Fractures of the sixth root of the second cervical vertebra, M. N. Nikulin, Ortop., travm. i protez. 27 no. 2:24-31 F '66.

VERTEBRAL ARTERY

External structure and topography of the first division of the vertebral artery, G. D. Guseva, Arkh. anat., gist. i embriol. 50 no. 1:2-48 Ja '66.

VERTEBRATES see subdivision under Vrangol' Island

VERTICILLIUM

Brief results of the study of the verticillium desiccation of cotton in Armenia, A. A. Hubalan, Sborn. nauch. trud. Nauch.-issl. inst. zem., no. 2:113-131 '61.

VESTIBULAR APPARATUS

Weightlessness and the vestibular apparatus, V. Lazdovskii, M. Emel'tanov, N. Gurovskii, Av. i kosm. 45 no. 12:10-23 '62.

VETCH see subdivision under Azerbaijan

VETERANS—MEDICAL CARE

Legal advice, Rad. pravo 20 no. 3:103-105 Mr '66.

VETERINARIANS see subdivision under Dmitrovsk District

VETERINARY HEMATOLOGY

Effect of the type of feeding on some biochemical indices of the blood of baby chicks and laying hens, K. P. Kochurova, Trudy Mosk. vet. akad., 22 no. 2:132-150 '58.

VETERINARY HYGIENE

Construction of veterinary sanitary installations on livestock farms, A. K. Endzin, K. P. Andreev, Veterinarika 42 no. 1:102-87 Ja '66.

Disinfection of zones exposed to infection with foot-and-mouth disease, A. A. Rozov, Veterinarika 42 no. 1: 91-95 Ja '66.

General problems of the hygiene of keeping animals in mechanized animal husbandry, M. S. Slav. Cema, Veterinarika 42 no. 1:112 Ja '66.

Importance of active exercise in the prophylaxis of sterility in cows in winter, V. S. Shipilov, Veterinarika 42 no. 1:73-76 Ja '66.

Some problems of the development of veterinary hygiene, M. V. Kelliaev, Veterinarika 42 no. 1:100-92 Ja '66.

VETERINARY MATERIA MEDICA AND PHARMACY—CONGRESSES

Moskovskaya veterinarnaya akademiya, [Materials of the 9th Conference on Pharmacology, March 1964] Materialy IX nauchnoi konferentsii po farmakologii (mart 1964 g.), Moskva, 1964, 175 p. [DUAL MICROFILM]

VETERINARY MEDICINE

(see also subdivision under Volyn' Province)

Give the party congress a worthy welcome, Veterinarika 42 no. 1:1-3 Ja '66.

VETERINARY PARASITOLOGY

Effect of dithiazine on animals of different species, I. V. Sidorov, Trudy Mosk. vet. akad., 22 no. 2:87-77 '58.

VETERINARY RADIOLOGY

Radioautographic indices of the distribution of phosphorus isotopes in areas of tubular bone fractures in animals, A. D. Belov, Trudy Mosk. vet. akad., 10 no. 2 pl. 1:130-135 '57.

Therapeutic action of ultraviolet rays, E. M. Plutkin, Veterinarika 42 no. 1:52-53 Ja '66.

VIBRATION

(see also subdivision under Staryy Krym Dam)

Calculating natural vibrations caused by friction, N. D. Galnikova, Izv. vuz. ucheb. zav., mashinost. no. 1: 22-20 '66.

Unsteady conditions of a vibrating system having one degree of freedom and a variable mass, A. P. Bessonov, E. E. Sil'vestrov, Mashinovedenie no. 2:15-25 '66.

VIBRATION—DAMPING

Kolovskii, M. Z. [Nonlinear theory of the vibration stability of systems] Nelineinaya teoriya vibrozashchitnykh sistem, Moskva, Nauka, 1966, 317 p.

VIBRATION—PHYSIOLOGICAL EFFECT

Clinical and X-ray characteristics of changes in the upper extremities in molders of precast reinforced concrete plants, L. I. Popova, E. N. Leksin, L. M. Kharicheva, Ortop., travm. i protez., 27 no. 3:40-44 Mr '66.

VIBRATION (MARINE ENGINEERING)

Periodical forces generated by the propeller exciting the vibration of the ship, M. N. Gavrilov, Sudostroyeniye 56 no. 1:13-16 Ja '66.

Reducing the vibration on shallow-draft tankers, M. Gavrilov, Mor. flot 26 no. 2:36 F '66.

Torsional vibrations of propeller shafts driven by diesel plants with the SKL engines, L. V. Efremov, Sudostroyeniye 56 no. 2:21-25 F '66.

VIBRATORS

Effect of elastic vibrations on the crystallization of metals and alloys, G. L. Pogodin-Alekseev, V. M. Gavrilov, Izv. AN SSSR, Mekh. no. 1:80-101 Ja-F '66.

Effect of the type of supports on the vibrations of the vibrating platform, I. U. K. Ionov, Gor., strel. i dor. mash. no. 2:134-137 '65.

Introducing vibratory charging of powders, L. I. Strogil, Blud. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no. 1:5 Ja '66.

Motion equations for an inertia torque converter with a planetary vibrator, V. V. Zashchekov, Izv. vuz. ucheb. zav., mashinost. no. 11:20-35 '65.

Use of the C-620 hydraulic vibration unit for sand compaction in cells of junction elements of the hydro-electric power station building, H. I. Gubina, A. M. Chernukhin, Gidrotekhn. i stroit. 35 no. 2:31-33 F '65.

VIBRATORS—DESIGN AND CONSTRUCTION

Calculation and design of vibration devices for the elimination of internal surges in electrically welded pipe, V. M. Saylshchenko, Yu. G. Proskurnikov, Stal' 28 no. 2:163-167 F '66.

VIENNA CONGRESS, 1814-1815

History of diplomatic struggle at the Vienna Congress, L. A. Zak, Vop. ist. 41 no. 3:70-82 Mr '66.

VIETNAM—PARATYPHOID FEVER

Incidence of typhoid fever and paratyphoid fevers in Vietnam and in the Vietnam Democratic Republic in the period 1935-1960, A. I. Khramlin, Azerb. med. zhur. 43 no. 2:58-62 F '66.

VIETNAM—TYPHOID FEVER

Incidence of typhoid fever and paratyphoid fevers in Vietnam and in the Vietnam Democratic Republic in the period 1935-1960, A. I. Khramlin, Azerb. med. zhur. 43 no. 2:58-62 F '66.

VIETNAM, NORTH—COOPERATIVE SOCIETIES

Cooperative societies of fighting Vietnam, V. Rastorguev, Sov. potreb. koop. 10 no. 2:55-58 F '66.

VIETNAM, NORTH—DESCRIPTION AND TRAVEL

Vietnam in work and battle, A. Iskhak, Nov. vrem. 23 no. 15:28-30 Ap '66.

VIETNAM, NORTH—FLEAS

Fleas of North Vietnam, B. A. Rostigaev, I. M. Grokhovskaya, Zool. zhur. 45 no. 1:61-67 '66.

VIETNAM, NORTH—LABOR AND LABORING CLASSES

Glory to you, the land of the brave! A. Tokarskii, Sov. profsoyuz 22 no. 5:32-35 Mr '66.

VIETNAM, SOUTH—ETHNOLOGY

Taynguyen, an unconquered land, Luu Phuong Thang, Az. i Afr. ugeg. D no. 3:22-23 Mr '66.

VIETNAM, SOUTH—MILITARY ASSISTANCE,

AMERICAN see Vietnamese War

VIETNAM, SOUTH—NEWS AGENCIES

"Gialhong" informs. Monika Warnenska, Sov. pech. no. 3:55-57 '66.

VIETNAM, SOUTH—POLITICAL POETRY

The two literatures of South Vietnam, Hoang-y-Nhi, Nar. Az. i Afr. no. 2:103-107 '66.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT

Salon: Unrest again, Z. Mirskii, Nov. vrem. 23 no. 14: 21-22 Ap '66.

The Saigon verdict, D. Vol'skii, Nov. vrem. 23 no. 17: 16-17 Ap '66.

South Vietnam: Second front? I. Zubov, Nov. vrem. 23 no. 16:12-13 Ap '66.

VIETNAMESE LITERATURE—HISTORY AND CRITICISM

The two literatures of South Vietnam, Hoang-y-Nhi, Nar. Az. i Afr. no. 2:103-107 '66.

VIETNAMESE WAR

Americans and escalation, I. Volkhanskii, Nov. vrem. 23 no. 14:13-15 Ap '66.

Bestialities of the U. S. military clique in Vietnam, I. S. Zagorodnii, Vses. protivovo. oboi., no. 1:65-87 Ja '66.

Criminals should not go unpunished, A. Hadzhilaba, Sois. zakon. 13 no. 3:73-76 Mr '66.

Declaration of the 23d Congress of the CPSU on the U. S. aggression in Vietnam, Nov. vrem. 23 no. 10:47-48 Ap '66.

Defying the indignant conscience of mankind, A. Surkov, Kommunist 42 no. 2:107-109 Ja '66.

Execrated by the peoples of the world, Agitator 33 no. 7: 60 Ap '66.

Glory to you, the land of the brave! A. Tokarskii, Sov. profsoyuz 22 no. 5:32-35 Mr '66.

The labor movement in the U. S. A. and the war in Vietnam, John Dyer, Vsem. prof. dvizh. no. 2:29-32 Mi '66.

A message of the Hanoi Patriarch Aleksii concerning the present-day events in Vietnam, Zhur. Mosk. Patr. no. 2:1-2 '66.

Military events in South Vietnam, Nov. vrem. 23 no. 15:16-18 Ap '66.

The Saigon verdict, D. Vol'skii, Nov. vrem. 23 no. 17: 16-17 Ap '66.

South Vietnam: Second front? I. Zubov, Nov. vrem. 23 no. 16:12-13 Ap '66.

Soviet trade unions are in solidarity with the struggles of their Vietnamese brothers, P. Pimenov, Vsem. prof. dvizh. no. 2:8-10 Mr '66.

Taynguyen, an unconquered land, Luu Phuong Thang, Az. i Afr. seg. O no. 3:22-23 Mi '66.

They call things by their proper names, M. Vistinskii, Agitator 33 no. 4:56-57 F '66.

Two strategies in South Vietnam: a military review, A. Leonov, Nov. vrem. 23 no. 13:18-19 Mr '66.

The voice of Christian conscience, A. Tsvirkunov, Zhur. Mosk. Patr. no. 2:40-43 '66.

Voices of reason, peace, and progress, J. Palotakis, Nov. vrem. 23 no. 15:3-4 Ap '66.

VIETNAMESE WAR—FINANCE

"Great society" and a dirty war in Vietnam, L. Kartsev, Mir, ekon. i mezhdunar. otn. no. 3:105-108 '66.

VIETNAMESE WAR—FOREIGN PUBLIC OPINION

Wrath of the peoples, Nov. vrem. 23 no. 17:1-2 Ap '66.

VIETNAMESE WAR—JOURNALISTS

"Gialhong" informs. Monika Warnenska, Sov. pech. no. 3:55-57 '66.

VIETNAMESE WAR—NAVAL OPERATIONS, AMERICAN

Seven pirates' fleet... T. Belashchenko, Sov. voen. 47 no. 19:43 O '65.

VIL'KITSKIY ISLAND—WALRUSES

Walrus on Vil'kitskiy Island, Zh. A. Pavlikov, Probl. Arkt. i Antarkt. no. 2:1:90 '65.

VILLAGE COMMUNITIES see subdivision under Asia

VILNIUS—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Cooperation of architects and builders of apartment houses, I. Ziburskas, E. Tamosevicius, Na strel. Ros. 7 no. 1:23-24 Ja '66.

VILNIUS—DELIVERY OF GOODS

Consumers' interests and suppliers' responsibility, I. Mikucenis, Plan, khoz. 43 no. 3:37-38 Mr '66.

VILNIUS—ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Useful getting acquainted, M. Chernoborod, Inform. blud. VDNKh no. 4:16 Ap '66.

VILYUY HYDROELECTRIC POWER STATION—DESIGN AND CONSTRUCTION

Rate of discharge during the river damming and construction of the Vilyuy Hydroelectric Power Station, G. F. Bilanov, Gidr. stroit. 38 no. 2:1-5 F '66.

VILYUY LOWLAND—GEOLOGY, STRATIGRAPHIC

Correlation of Lower Jurassic oil- and gas-bearing horizons in the Vilyuy hemisyncline and cis-Verkhoyansk Trough, K. I. Mikulenko, E. A. Gaidurova, Geol. nefit i gaza 10 no. 2:43-47 F '66.

- VINBERG, GEORGI GEORGIEVICH, 1900-**
Georgi Georgievich Vinberg, on his 80th birthday
V. I. Lashenko, I. Ostapenko, R. Kovalevskaya.
Gidrobiol. zhur. 2 no. 1:55-56 '66
- VINCA**
Alkaloids from Vinca major Part 5. Oubessens and
V. Rosea. Constitution of maydine. N. Abdurakhimova
P. Kh. Iudinshvili. S. I. Iunusov. Khim. prirod. soed.
no. 3:224-225 '65
- VINNITSA PROVINCE—AGRICULTURE**
Sound foundation of agricultural development. P. Balanchin
to Ekonom. sel'khoz. 41 no. 3:27-33 '66
- VINNITSA PROVINCE—AGRICULTURE, COOPERATIVE**
[The second glory of Kotovskii's cavalrymen] Viorala
slava Kotovskiy. Izd. 2, ispr. 1 dop. Kishinev, Karla
moldovenstave, 1965. 138 p.
- VINNITSA PROVINCE—MUSEUMS**
Museums of the village of Timonovka. V. A. Sidorenko.
Vop. arkh. 9 no. 4:59-70 O-N '64
- VINNITSA PROVINCE—PHARMACY—CONGRESSES**
Scientific and practical conference of the pharmacists of
Vinnitsa Province. I. K. Fylyavskiy, I. A. I. Lashenko's
Farmatsiy. zhur. 18 no. 6:83-84 '63
- VINNITSA PROVINCE—RETAIL TRADE**
On the turnover of goods. F. Dimov. Sov. profsoyuz. 22
no. 4:30-31 F '65
- VINYL ACETATE**
Radical copolymerization of ethylene with vinyl acetate
R. A. Teitelman, A. I. Dintsev, M. V. Ysakov, N. E.
Khimia 5 no. 3:340-346 M-Je '65
- VINYL ALCOHOL**
Polarographic study of vinyl esters. A. M. Shur, I. U. S.
Lialkov, M. M. Filimonova. Zhur. ob. khim. 36 no. 3:
401-405 M-Je '66
- VINYL ALCOHOL POLYMERS**
Nonflammable polyvinyl alcohol fibers on the basis of
polyvinyl alcohols with dimethylolurea and tetrameth-
ylolphosphonium chloride. G. A. Kiselev, L. A. Vol'f,
A. I. Meos. Zhur. prikl. khim. 39 no. 2:398-393 F
'66
Synthesis of homogeneous ion-exchange membranes by
grafting α -phenylphosphonic acid into insoluble poly-
vinyl alcohol films. G. S. Kolesnikov and others. Vysokom.
soed. 8 no. 2:297-301 F '66
Thermodynamics of deformation of oriented polyvinyl
alcohol fibers. I. U. M. Malinskii, V. V. Gusev, V. A.
Kargin. Vysokom. soed. 8 no. 2:347-351 F '66
- VINYL COMPOUND POLYMERS**
Amination of polyvinyl chloride with N-dialkyl-substituted
amides. E. N. Zil'berman, A. E. Kulikova, E. G.
Pomerantseva. Vysokom. soed. 8 no. 2:256-260 F
'66
Method of studying the swelling and monolithization of
polyvinyl chloride in powder form. V. L. Balakirskaya,
B. P. Shikharman, S. A. Arzhakov. Plast. massy no. 3:
11-15 '66
Modification of cellulose properties by the graft of vinyl
polymers. Report No. 1. N. P. Perekal'skii and others.
Trudy LITTSBP no. 17:5-16 '65
Synthesis of graft copolymer of cellulose and polyvinyl
caprolactam. F. Dragimov, F. P. Sidel'kovskaya, M. A.
Askarov. Vysokom. soed. 8 no. 2:247-250 F '66
Synthesis of high-molecular polyvinyltrimethylsilane
and some of its properties. N. S. Nametkin, V. S.
Khotimskii, S. G. Durgar'ian. Dokl. AN SSSR 168
no. 5:1118-1120 F '66
- VINYL COMPOUNDS**
n-butylate by gas chromatography. V. A.
Geshcheva. Zhur. anal. khim. 21
yl chloride with alkylmonochlorocyclo-
nes. S. G. Sudykhov and others. 45
no. 1:42-44 Ja '66
nd 1, 2-dichloroethanes over active
M. Aliev, I. Gaspra, I. Repashova.
no. 11:18-21 '65
n and copolymerization. Part 3:
f dimethylvinylethynylcarbinol with
G. Mateolan, N. M. Morilian. Izv.
nauki 17 no. 5:522-531 '64
ethers with aldehydes of the A³-
s and cyclohexanes series. G. P.
s, R. A. Poshkine. Zhur. org. khim.
'66
s of vinyl ethers of ethylene glycol
nd methyloloxalene in acetic acid
ultrons. R. D. Iakubov, and others.
. Ser. khim. nauk 14 no. 4:69-73
entavalent phosphorus chlorides
V. S. Tsvinnin, G. Kh. Kamal, S. V.
khim. 36 no. 3:436-442 Mr '66
- Some transformations of β -ionone dimethyl ketal. B. M.
Mikhailov, G. S. Ter-Saikhian. Izv. AN SSSR, Ser. khim.
no. 2:341-343 '66
Synthesis and transformations of halo-substituted vinyl
arylethers. Part 2: β , β' -Dichlorovinyl aryl ethers.
A. V. Kalabina, T. I. Bychkova. Zhur. org. khim. 2
no. 3:452-454 Mr '66
- VINYLDENE COMPOUNDS**
Qualitative and quantitative determination of impurities
in vinylidene chloride. R. M. Sorochkina, A. I. A. Lazarin.
Zhur. anal. khim. 21 no. 2:248-250 '66
- VIRGIN TERRITORY—AGRICULTURAL MACHINERY—
COLD WEATHER OPERATION**
Improvement of apparatus for technical maintenance.
V. Trondin and others. Tekh. v sel'khoz. 26 no. 2:
53-62 F '66
- VIRGIN TERRITORY—MILK—ANALYSIS AND EXAMINA-
TION**
Every farm should have a laboratory worker-inspector
of dairy products. I. Boluchevskii. Zakup. sel'khoz.
prod. no. 7:38-37 JI '65
- VIRGIN TERRITORY—WHEAT**
Tilling stubble fields before sowing. P. P. Kolmakov,
M. K. Sudchimenov. Vest. sel'khoz. nauk 10 no. 7:96-90
Jl '65
- VIRUS DISEASES OF ANIMALS**
Shurin, V. N., ed. [Handbook of veterinary virology]
Rukovodstvo po veterinarnoi virusologii. Moskva,
Kolos, 1965. 688 p.
(DNAI)
- VIRUS DISEASES OF PLANTS**
Preliminary report on the virus diseases of fruit plants in
Azerbaijan. O. S. Merislova. Trudy AzSTAZIta 2
98-103 '64
- VIRUSES**
Infectious deoxyribonucleic acid of the polyoma virus;
(strain 13). Z. I. Merislova. Vop. onk. 12 no. 2:
58-60 '66
- VIRUSES—CULTURES AND CULTURE MEDIA**
Biochemical indices in cultivating the foot-and-mouth
disease virus. S. V. Kuznetsova and others. Veteri-
nariia 42 no. 1:16-18 Ja '66
Effect of the enrichment of Frankel's medium on the
reproduction of the foot-and-mouth disease virus
A. G. Revenkov, S. V. Govorova, D. A. Tsverkalov.
Veterinariia 42 no. 1:13-16 Ja '66
Experiments on the adaptation of the African swine fever
virus. I. A. Kovalenko, M. A. Sidorov, L. G. Burba.
Dokl. Akad. sel'khoz. nauk no. 2:30-39 F '66
Increasing the sensitivity of animals and cell cultures to
viruses, a review of the literature. A. A. Sinitskii and
others. Voen.-med. zhur. no. 2:49-53 F '66
Reproduction of the foot-and-mouth disease virus in the
tissue culture of the kidney of a swine embryo. T. S.
Lazareva and others. Veterinariia 42 no. 1:18-20
Ja '66
- VIRUSES—GENETIC RESEARCH**
Genetic consequences of virus-cell interaction. L. A.
Zil'berg. Genetika no. 2:34-40 '66
- VISCERA**
Activity of glucose-6-phosphatase in the liver and kidneys
of rats in hypoxic hypoxia. V. V. Postupaev, N. V. Maidi-
nova. Vop. med. khim. 12 no. 1:78-81 Ja-F '66
Electric activity of the cerebral cortex and the electro-
corticographic reflection of visceral impulses in lesions
of the nuclei caudati. L. V. Lobanova. Fiziol. zhur. 52
no. 3:228-235 Mr '66
Kabanov, A. N. [Physiology of man and animals; text-
book for faculties of the natural sciences of pedagogical
institutes] Fiziologia cheloveka i zhiivotnykh,
uchebnik dlia fakul'tetov estestvoznaniia pedagogiches-
kikh institutov. Izd. 2, ispr. 1 dop. Moskva, Pro-
sveshchenie.
Pt. 2. [Internal organs, metabolism, and skin]
Vnutrennie organy, obmen veshchestv i koza.
1965. 377 p.
- VISCERA—ABNORMALITIES AND DEFORMITIES**
Resection of the stomach for cancer in case of complete
reverse disposition of the internal organs. A. P. Popov.
Khirurgiya 42 no. 3:137-138 M-Je '66
- VISCERA—TUMORS**
X-ray and morphological examination of the skeleton fol-
lowing radiotherapy in tumors of the pelvic organs. L. A.
Cherkasskii, K. B. Shimanovskaya. Med. rad. 11 no. 3:
35-39 Mr '66
- VISCOSE**
Manufacture of sulfite viscose cellulose. S. L. Talmud,
R. A. Gofman. Trudy LITTSBP no. 16:176-178 '65
Milling of sulfite viscose cellulose by means of ultra-
sonic waves. G. L. Dolgin, L. E. Akim. Trudy LITTSBP
no. 17:89-88 '65
Production of cellulose for the manufacture of synthetic
fibers with hot alkali refining and with additional (second-
ary) mercerization. L. E. Akim and others. Trudy
LITTSBP no. 16:170-188 '65
- Production of high-quality sulfite viscose cellulose by
means of cold-alkali refining. S. L. Talmud, M. F. D.
zhankina. Trudy LITTSBP no. 16:210-220 '65
- VISCOSIMETER**
Apparatus for measuring the viscosity of oils and fuels.
B. Matens. Tekh. v sel'khoz. 26 no. 1:76-78 JI
'66
- VISCOSIMETRY**
Causes of nonlinearity of the characteristics of a vis-
coplastic flow of aqueous suspensions of clay and mud
for achieving inviscid flow of these characteristics.
S. I. Zhukhovitskii. Dokl. AN SSSR 166 no. 5:1001-10
Jl '66
Electric conductivity and viscosity of sodium hexa-
molybdate. R. M. Reingold, A. P. Nadel'shteyn, I. V. V.
ucheb. zav. i zav. mel. 9 no. 1:89-94 '66
Physicochemical changes in the gluten of germinating
wheat. Report No. 1. Viscosity studies. O. S.
Sholina, A. B. Vakar, V. L. Kretovitch. Prikl. biol. i
mikrobiol. 2 no. 1:20-26 Ja-b '66
Study of the structure of glasses in the system H₂O₂-
Na₂O by viscosimetry. S. V. Nemilov, I. V. Anshin.
Neorg. mat. 2 no. 2:340-350 F '66
Viscosity of liquid copper alloys. K. I. Lashenko, A. P.
Lashenko. Izv. vys. ucheb. zav. i zav. mel. 9 no. 1:11
123 '66
- VISCOSITY**
Calculation of intrinsic viscosity from a single viscosity
value by the application of Maconnia equation. I. G. L.
M. L. B. Salin. Vysokom. soed. 8 no. 2:381-382 F '66
Effect of inhibitors on the viscosity of polycyanamide
during its oxidation. I. I. Lovanovskaya, B. M.
Kovarskaya. Plast. massy no. 3:69-70 '66
Light scattering and hydrodynamic behavior of macromol-
ecules of polychloroprene rubber in solution. Part 1:
Light scattering and viscosity of nitrile RP in benzene
solutions. L. G. Melnikova, R. V. Bagdasarian, A. V.
Georgian. Izv. AN Arm. SSR, Khim. nauk 17 no. 4:49
490 '64
- VICES**
Vise for holding fashioned parts. G. A. Lashchenko, I. A.
Raitman. Shkola i proizv. 9 no. 3:66-69 M-Je '65
- VISHNEVSKII, VSEVOLOD VITAL'EVICH, 1900-1951**
Sharapkov, N. S. [Vsevolod Vishnevskii: a critical
and biographical sketch] Vsevolod Vishnevskii;
kritiko-biograficheskii ocheik. Kishinev, Karla
moldovenstave, 1965. 132 p.
- VISHNEVYYE MOUNTAINS—RAKE-EARTH ELEMENTS**
Rare-earth elements in the apatite of the Vishnevyye
Mountains. A. A. Ganzeev, A. F. Efimov, G. N. Mukhit-
dinov. Geokhimiia no. 3:353-357 Mr '66
- VISION**
Device for studying visual afterimages. M. A. Zil'berg
Fiziol. zhur. 52 no. 1:110-111 Ja '66
Effect of the various aberration conjunctions on the re-
solving power of the eye. M. A. Ostrovskaya. (34
-mekh. prom. 33 no. 3:1-7 Mr '66
- VISUAL AIDS**
Use technical equipment. E. Pavlenko. Aviatsiia. 44
no. 2:53-54 F '66
- VITAL STATISTICS—PROBLEMS, EXERCISES, ETC.**
Merkov, A. M., and I. S. Suchancko, eds. [Practical
training in demographic and health statistics] Prakti-
kum po sanitarno-demograficheskoi statistike. [Ily]
R. N. Birlukova i dr. Moskva, TSentr. int. universi-
shenstvovaniia vrachei, 1965. 200 p.
- VITAMIN METABOLISM**
Effect of experimental hypo- and hyperthyroidism on the
transformation of carotene into vitamin A in monkeys.
I. U. M. Zolotareva. Vop. med. khim. 12 no. 1:54-57
Ja-F '66
Metabolism of some vitamins in pneumococcal rats. V. A.
Novikov. Sov. med. 20 no. 2:115-120 F '66
Vitamin C metabolism in chronic insufficiency of blood
circulation. P. M. Lashchuk. Sov. med. 20 no. 2:11-
121 F '66
- VITAMINS**
Microelements Mn, Fe, Cu, and Al in aqueous extracts
of vitamin-rich medicinal plants. V. I. Lashchenko,
V. K. Lashchenko. Apt. dolo 16 no. 1:47-52 Ja-F
'66
To the account of the five-year plan. V. Bolotov. Agri-
tator 33 no. 3:6-7 F '66
Vitamin biotin synthesis in Mycobacterium luteum. I. I.
Vorob'eva, N. K. Prosvetova, N. A. Baranova. Mikro-
biologiya 35 no. 1:3-7 Ja-F '66
Vitamin deficiency in cattle fed beet pulp. A. A. Späcker.
Veterinariia 42 no. 1:52 Ja '66
Vitamin requirements by Proteus vulgaris strain K.
V. S. Iasava. Mikrobiologiya 35 no. 1:56-59 Ja-F '66
- VITAMINS—A**
Content of various vitamin A forms in liver microsomes
of chicks immunized with an antigen from the nematode
Ascaridia galli. Z. K. Leutskaia. Dokl. AN SSSR 166
no. 5:1246-1247 F '66

VITAMINS—B

Content of the group B vitamins in the native fluid of *Actinomyces aureoverrucellitus* (strain 1305) and *Actinomyces griseus* (strain 15) A. I. Garkavenko and others. *Ispol'nikroog v nar khoz* no. 2:8-15 '85

VITAMINS—B₁ see Thiamine

VITAMINS—E see Riboflavin

VITAMINS—B₁₂ see Cyanocobalamin

VITAMINS—D

Feeding vitamin D emulsion to cows in winter. E. A. Petukhova and others. *Veterinaria* 42 no. 1:49-52 Ja '66

VITAMINS—D₂ see Ergocalciferol

VITAMINS—G see Riboflavin

VITAMINS—RESEARCH see subdivision under Hungary

VITEBSK PROVINCE—BOOKSTORES

Bringing the books to their readers. E. Apetov. *Knizh. toig.* 16 no. 12:21 D '65.

VITICULTURE

(see also subdivision under Armenia; Moldavia)

Influence of terrain exposure on the temperature regime and moisture of the air and soil in grape-growing regions. N. A. Chernykh. *Sbor. rab. Kurak. gl'dom. obsor.* no. 3:38-41 '65.

Morozova, G. S., and A. M. Nugruil'. [Manual on viticulture] *Praktikum po vinogradarstvu*. Moskva, Kolos, 1966. 286 p. (Uchebnye i uchebnye posobita dlia sel'skokhoziaistvennykh vuzov) (DNL)

VITICULTURE—FINANCE see subdivision under Odessa Province

VITROUS STATE

Electric properties of solenium in the vitreous state.

M. E. Mosil. *Vest. LGU* 21 no. 4:152-155 '66.

Regularities of crystallization and the nature of quartz

glass. A. G. Hoganov, V. S. Rudenko, G. L. Bashkina.

Izv. AN SSSR. Neorg. mat. 2 no. 2:363-375 F '66.

Stress relaxation of polyethylene terephthalate in the vitreous state. L. Z. Rogovina, G. L. Slonimskii. *Vysokom. sood.* 8 no. 2:219-225 F '66.

Study of the structure of glasses in the system $B_2O_3 - Na_2O$ by viscosimetry. S. V. Nemilov. *Izv. AN SSSR. Neorg. mat.* 2 no. 2:349-356 F '66.

VLADIMIR PROVINCE—ANTIQUITIES

A burial of the Pozdnyakovo cultural type in a mound near Borisoglobovskaya village. T. B. Popova. *Mat. i issl. po arkheol. SSSR* no. 130:132-137 '65.

VLADIMIR PROVINCE—LOTTERIES

Deposits subject to lottery. V. Fadeev. *Den. i kred.* 24 no. 2:69-70 F '66

VLADIMIR PROVINCE—SAVINGS BANKS

Deposits subject to lottery. V. Fadeev. *Den. i kred.* 24 no. 2:69-70 F '66

VLADIVOSTOK—AMATEUR RADIO STATIONS

In the city of Nakhensk. A. Matelavskii. *Radio* no. 2:11-12 J '66.

VLADIVOSTOK—CARGO HANDLING

Using new techniques. M. Rozenakhrakh. *Mor. flot* 26 no. 3:9-10 Mr '66.

VLADIVOSTOK—CLIMATE

Has the climate of Vladivostok changed? I. F. Sokolov. *Zap. Primor. fil. Geog. ob-va SSSR* no. 1:121-123 '65.

VOCATIONAL EDUCATION

(see also subdivision under Czechoslovakia; Germany, East; Tatar A.S.S.R.)

All students should participate in the struggle of progressive workers for quality of production. S. Balyaev. *Prof. -tekh. obr.* 23 no. 3:15-16 Mr '66.

In the Central Committee of CPSU and the Council of Ministers of the U.S.S.R. *Prof. -tekh. obr.* 23 no. 3:2-3 Mr '66.

In the State Committee on Vocational and Technical Education of the Council of Ministers of U.S.S.R. *Prof. -tekh. obr.* 23 no. 2:14 F '66.

In the State Committee on Vocational and Technical Education of the Council of Ministers of the U.S.S.R. *Prof. -tekh. obr.* 23 no. 3:20 Mr '66.

Industrial aesthetics in workshops. V. Romeiko. *Prof. -tekh. obr.* 23 no. 2:10 F '66.

Industrial technical school in Sukhum. *Sred. spets. obr.* 13 no. 1:28-30 Ja '66.

Labor reinforcements are growing up and maturing. *Prof. -tekh. obr.* 23 no. 3:1 Mr '66.

Let's make way for progressive practices. G. Dudko. *Prof. -tekh. obr.* 23 no. 2:28 F '66.

Our Interviews. *Sred. spets. obr.* 13 no. 2:8-9 F '66.

Planning of production work. K. Katkhanov. *Prof. -tekh. obr.* 23 no. 2:7-8 F '66.

Secondary specialized education under the new conditions

Sred. spets. obr. 13 no. 3:1-5 Mr '66.

Stations of young technicians at a new stage. S. Ivanov.

Nar. obr. no. 3:64-66, 73 Mr '66.

Vocational schools report. V. Bulygin. *Prof. -tekh. obr.* 23 no. 3:5 Mr '66.

Work of our laboratories and study rooms. M. A. Kuliev.

Sred. spets. obr. 13 no. 1:21-22 Ja '66.

Work of the study room directors. S. P. Kishkin. *Sred. spets. obr.* 13 no. 1:24-25 Ja '66.

VOCATIONAL EDUCATION—BIBLIOGRAPHY see Bibliography—Vocational education

VOCATIONAL EDUCATION—CONGRESSES

Conference of the administrators of the organs of vocational education. *Prof. -tekh. obr.* 23 no. 3:4 Mr '66.

VOCATIONAL EDUCATION—EQUIPMENT AND SUPPLIES

How we organized a school workshop. D. G. Kiylov. *Sikola i proizv.* 9 no. 3:7-10 Mr '65.

VOCATIONAL EDUCATION—EXHIBITIONS

Extraordinary activities of students. G. Karpushenko. *Inform. biul. VDNKH* no. 1:31-33 Ja '66.

High appreciation. A. A. Bogdanov. *Sred. spets. obr.* 13 no. 2:41 F '66.

VOCATIONAL GUIDANCE

(see also subdivision under Poland)

Vocational guidance in eight-year schools. M. Kopancv. *Nav. obr.* no. 3:80-84 Mr '66.

VOINOVICH, PETR ALEKSANDROVICH, 1900-1965

Petr Aleksandrovich Voinovich; an obituary. *Izv. VNIIG* 77:358-360 '65.

VOLCANOES

(see also subdivision under Caucasus)

Intensity distribution of spontaneous eruptions. L. G.

Mysina. *Izv. AN SSSR. Fiz. zem.* no. 2:25-33 '66.

VOLGA-BALTIC CANAL REGION—SERVICE INDUSTRIES

The mote in the eye is not big. N. Zykov. *Sov. prof. sluzh.* 22 no. 3:36-37 F '66.

VOLGA-BALTIC SEA WATERWAY

Volga-Baltic Sea Waterway in operation. *Rech. transp.* 23 no. 6:1-2 Je '64.

VOLGA-BALTIC SEA WATERWAY—SHIPPING

Pulpwood transportation should be switched over to rivers. V. Romozov. *Rech. transp.* 23 no. 6:5-6 Je '64.

VOLGA DELTA—FLOOD DAMS AND RESERVOIRS

Pioneer method used in damming a channel of the Volga River. V. U. Iablonskii. *Enorg. stroit.* no. 7:50-55 '65.

VOLGA RESERVOIR—PARASITES—FISHES

Inspection of fish of the Ivan'kovo reservoir (Moscow Sea) for diphylobotriasis. P. B. Gofman-Kadoshnikov, T. P. Chizhova, A. S. Artyushkin. *Med. paraz. i paraz. bol.* 35 no. 2:237-238 Mr-Apr '66.

VOLGA RIVER—FLOATING CRANES

It has taken them five navigation seasons to complete the seven-year plan. A. Bldman, B. Budchanov. *Rech. transp.* 23 no. 6:4 Je '64.

VOLGA RIVER—GUIDEBOOKS

Prinshnikov, V. S., and S. F. Vvedenskii. [On the Volga River; a guidebook] *Po Volge; putevoditel'*. Moskva, Sovetskiiia Rossiia, 1966. 218 p.

VOLGA RIVER—NAVIGATION

Pay more attention to the navigation equipment of rivercraft. A. Lezin. *Rech. transp.* 23 no. 6:43 Je '64.

VOLGA RIVER—SHIPPING

Characteristics of the use of integrated barge trains. G. Vaganov. *Rech. transp.* 23 no. 6:13-15 Je '64.

VOLGA-URAL PETROLEUM REGION see Second Baku

VOLGA VALLEY—AGRICULTURE

Gas in the agriculture of the Volga Valley. N. Atekeev. *Tekh. v sel'khoz.* 26 no. 2:6-7 F '66.

VOLGA VALLEY—ALLUVIUM

Goretskii, G. I. [Formation of the Volga Valley in the Early and Middle Quaternary; alluvium of the Proto-Volga] *Formirovaniia doliny r. Volgi v ranнем i srednem antropogene; alluvii Pra-Volgi*. Moskva, Nauka, 1966. 411 p.

VOLGA VALLEY—ANTIQUITIES

Establishing the date of the Abashevo cultural type in the central Volga Valley. O. N. Evlakhova. *Mat. i issl. po arkheol. SSSR* no. 130:137-142 '65.

New studies of the monuments of the Neolithic period in the upper Volga Valley. O. S. Gendziatskaia, D. A. Krainov. *Krat. soob. Inst. arkheol.* no. 100:29-39 '65.

VOLGA VALLEY—ARCHAEOLOGY

Tret'akov, P. N. [Finno-Ugrians, Balts, and Slavs in the Dnieper and Volga Valleys] *Finno-ugry i baltii slaviane na Dnepre i Volgo*. Moskva, Nauka, 1966. 308 p.

VOLGA VALLEY—BENTONITE

Use of Volga Valley bentonites in bleaching vegetable oil. Sh. I. Kamaliddinova and others. *Masl. -zhir. prom.* 32 no. 1:16-17 Ja '66.

VOLGA VALLEY—CITY PLANNING

Ostinskii, A. I. [Building of cities along the Volga] *Stroitel'svo gorodov na Volgo*. Pod red. V. I. Pillavskogo. [n. p.] Izd-vo Saratovskogo univ., 1965. 100 p.

VOLGA VALLEY—ILLITERACY

Activity of the party organization of the lower Volga Valley in fighting illiteracy of workers during the first year plan (1922-1932). I. U. M. Lobachev. *Sbor. nauch. rab. Volg. gos. ped. inst.* no. 1:98-108 '64.

VOLGA VALLEY—IRRIGATION

Natural water basins, their improvement, and efficient use. I. V. Lalin. *Vost. sel'khoz. nauki* 10 no. 7:10-18 J '65.

VOLGA VALLEY—IRRIGATION FARMING

Some problems in the development of irrigation in the arid Trans-Volga region. V. Dmitriyev. *Ekon. sel'khoz.* 41 no. 2:92-99 F '66.

VOLGA VALLEY—MAN, PREHISTORIC

Novo-Mordovo burial mounds, early contacts between the tribes of the wooden-walled mound period and the prehistoric people of the Kazan region. A. Kh. Khalikov. *Mat. i issl. po arkheol. SSSR* no. 130:143-148 '65.

VOLGA VALLEY—PUBLIC BUILDINGS—DESIGN AND CONSTRUCTION

Accelerated construction of public buildings. A. Pavlovich. *Zhii stroit.* no. 1:2-8 '66

VOLGA VALLEY—SOIL CONSERVATION

Soil conservation role of farm crops in the light-colored chestnut zone in the lower Volga Valley. P. P. Beguchev. M. N. Korotenko. *Vest. sel'khoz. nauki* 10 no. 7:28-32 J '65.

VOLGA VALLEY—SOILS—ANALYSIS

Akademiia nauk SSSR. *Pechennyi Institut im. V. V. Dokuchaeva*. [Agrochemical characteristics of soils in the U.S.S.R.] *Agrokhimicheskaia kharakteristika pochv SSSR*. Moskva, Nauka, [Book 6. Regions along the Volga] *Razonov Povol'z'ia*. 1966. 368 p.

VOLGA VALLEY—STATUETTES

Bronze statuettes of man from the medieval monuments of the Volga Valley. G. A. Fedorov-Davydov. *Mat. i issl. po arkheol. SSSR* no. 130:275-277 '65.

VOLGA-VYATKA ECONOMIC REGION—TRANSPORTATION

Cooperation in the transport business is strengthening. *Rech. transp.* 23 no. 6:6-7 Je '64.

VOLGOGRAD—BOOKSTORES

Architects also love books. V. Peurteev. *Knizh. toig.* 17 no. 3:22 Mr '66.

VOLGOGRAD—COMMUNIST PARTY OF THE SOVIET UNION

[Outline of the history of the Volgograd party organization] *Ocherki* [By] K. Volzhskoe kn. Book 1.

VOLGOGRAD—

International the first five nach, rab. '1

VOLGOGRAD—

Growth time kina. *Sbor.* '64.

VOLGOGRAD—

Winter hardir related to it *Sbor.* nach.

VOLGOGRAD—

Improve direc khoz. 43 no

VOLGOGRAD PROVINCE—AGRICULTURE

Participation of the workers of Volgograd in raising agricultural production of the province (1944-1958)
S. P. Lushin, *Trud. nauch. i obshch. gos. ped. inst.* no. 115-123 '64

VOLGOGRAD PROVINCE—BANKS AND BANKING—ACCOUNTING

Franchise in the introduction of a telecommunication system
V. P. Popov, *Dokl. Akad. Nauk SSSR* 24 no. 2 70-72 F '69

VOLGOGRAD PROVINCE—CITIES AND TOWNS, RUINED, EXISTING, ETC

Excavations of the ruins of Novy Saray in 1963-1964
G. A. Fedorov-Davydov, *Sov. arkheol.* 10 no. 2 233-248 '65

VOLGOGRAD PROVINCE—COLLECTIVE FARMS—ACCOUNTING

Analyze correctly the economic efficiency of business accounting within individual production units.
R. Kalachev, N. Zubchik, *Ekon. sel'khoz.* 41 no. 2 70-85 F '66

VOLGOGRAD PROVINCE—COLLECTIVE FARMS—MANAGEMENT

Curriculum of the seasonal nature of work as an important condition for the improvement in the use of work force on collective farms.
A. S. Madanov, *Sbor nauch. i obshch. gos. ped. inst.* no. 141-149 '64

VOLGOGRAD PROVINCE—GAS, NATURAL—GEOLOGY

Prospecting for new oil and gas fields in the terrigenous Devonian of Volgograd Province.
O. D. Kazantsev, K. P. Anisimov, *Geol. nefti i gaza* 10 no. 1 8-10 Ja '68

VOLGOGRAD PROVINCE—GEOLOGY, STRUCTURAL

Manifestations of salt tectonics in the Volga monocline (Volgograd Province).
A. G. Gabriellian, *Neftegaz. geol. i geofiz.* no. 2 12-14 '66

VOLGOGRAD PROVINCE—PETROLEUM GEOLOGY

Prospecting for new oil and gas fields in the terrigenous Devonian of Volgograd Province.
O. D. Kazantsev, K. P. Anisimov, *Geol. nefti i gaza* 10 no. 1 8-10 Ja '68

VOLGOGRAD PROVINCE—SALT DEPOSITS

Manifestations of salt tectonics in the Volga monocline (Volgograd Province).
A. G. Gabriellian, *Neftegaz. geol. i geofiz.* no. 2 12-14 '66

VOLGOGRAD PROVINCE—WINDBREAKS, SHELTER-BELTS, ETC

Land improvement characteristics of shelterbelts near ravines.
L. I. Rasfarguev, *Vest sel'khoz. nauk* 10 no. 7 19-24 Ja '65

VOLGOGRAD REGION—LUMBERING

Lumbering and woodworking industry in the Volgograd industrial region.
M. S. Stulev, *Sbor. nauch. i obshch. gos. ped. inst.* no. 1 70-88 '64

VOLKHOV, ROMAN MYKHAILOVICH, 1865-1959

Eightieth anniversary of the birth of R. M. Volkov.
B. Mel'nychuk, *Russk. lit.* 10 no. 1 94 Ja '66

VOLKHOV (LENINGRAD PROVINCE)—PATHOLOGICAL LABORATORIES

Work of a pathological department in a consolidated district.
R. I. Shmurin, *Arkheol.* 28 no. 1 71-74 '66

VOLODARSK DISTRICT (UKRAINE)—GEOLOGICAL TIME

Geochronology of Pre-Cambrian rocks in the region of the Volodarsk magnetic anomalies.
M. O. Laroshchuk, *Geol. zhur.* 25 no. 6 67-71 '65

VOLODARSK DISTRICT (UKRAINE)—CHURCH ARCHITECTURE

Architecture of the St. Cyril Monastery (15th and 16th centuries).
S. S. Pod'lasheol, 10 no. 2 75-95 '66

VOLODARSK DISTRICT (UKRAINE)—TUBERCULOSIS IN ANIMALS

Tuberculosis in cattle.
K. L. Smirnov, *Vet. zhur.* 42 no. 1 37-39 Ja '66

VOLODARSK DISTRICT (UKRAINE)—MILK—ANALYSIS AND EXAMINATION

Standard.
A. Dobysh, *Zakup. sel'khoz. je* 165

VOLODARSK DISTRICT (UKRAINE)—IOSEEVICH, 1904-

Prof. L. M. Voloshin, A. A. Grinberg, *Trud. nauch. i obshch. gos. ped. inst.* no. 3 167-168

VOLODARSK DISTRICT (UKRAINE)—KOLAEVICH, 1897-1966

Biography.
Vest. AN SSSR 36 no. 1 150

Voloshin, an obituary.
Izv. AN SSSR, 1966

Voloshin, an obituary.
TSvet. mel. 30

VOLTA EFFECT

Automatic device for Volta potential measurement on semiconductors.
V. G. Boltsov, L. I. Boguslavskii, *Elektronika* 2 no. 3 377-379 Mr '66

VOLTAGE REGULATORS

Noncontact voltage regulator for marine d.c. generators.
V. V. Sakharov, *Trudy LIT* no. 59 20-32 '64

Semiconductor voltage regulator of multipolar welding generators.
N. M. Budnik and others, *Avtom. svet.* 10 no. 2 82-83 F '68

Simple circuit of a stabilized supply source.
A. I. A. Boladzhian, *Priborostroenie* no. 3 22 Mr '66

Study of a network for stabilizing the amplitude of a sinusoidal voltage.
G. A. Polievskii, *Izv. vuz. tekh. zav. i elektroniki*, 9 no. 2 209-212 '66

Studying the operating regimes of a noncontact voltage regulator.
O. V. Riabukhin, V. V. Sakharov, *Trudy LIT* no. 59 36-39 '64

Transistorized voltage regulator for mounted marine d.c. generators.
L. I. Protodopov, I. M. Solomashko, *Trudy LIT* no. 59 33-35 '64

VOLTMETER

Digital method for measuring the amplitude of an impulse signal.
G. N. Novopashennyi, A. N. Isenskii, *Trudy LIT* no. 256 41-46 '65

Digital voltmeter with a parallel-connection performance.
G. P. Shlykov, *Priborostroenie* no. 3 12-14 Mr '66

VOLUMETRIC ANALYSIS see Titration

VOLYN'-PODOLIAN UPLAND—GAS, NATURAL—GEOLOGY

Prospects for finding gas in the Upper Cretaceous outer zone of the Carpathian piedmont fault and the adjacent part of the Volyn'-Podolian Plateau.
M. V. Bolchuk, *Neftegaz. geol. i geofiz.* no. 2 28-28 '66

VOLYN' PROVINCE—FLAX—FERTILIZERS AND MANURES

Effect of phosphorus fertilizers on the yield of flax in Volyn' Province.
Z. S. Bainash, *Khim. v sel'khoz.* 4 no. 3 19-20 Mr '66

VOLYN' PROVINCE—GRANITE

Petrographic characteristics of the rapakivite granites of western contact of the deposits of chambered pegmatites of Volyn'.
L. S. Komotekina, *Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik.* no. 2 93-100 '61

VOLYN' PROVINCE—GRANITE—ANALYSIS

Petrochemical and geochemical characteristics of granitoids of Volyn' in the region of the development of pegmatites.
B. A. Gavrusovich, L. S. Komotekina, *Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik.* no. 2 86-92 '61

VOLYN' PROVINCE—PEGMATITES

Petrochemical and geochemical characteristics of granitoids of Volyn' in the region of the development of pegmatites.
B. A. Gavrusovich, L. S. Komotekina, *Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik.* no. 2 86-92 '61

Petrographic characteristics of the rapakivite granites of western contact of the deposits of chambered pegmatites of Volyn'.
L. S. Komotekina, *Mat. po geol. i geofiz. i geokhim. Ukr., Kazakh., Zabaik.* no. 2 83-100 '61

VOLYN' PROVINCE—VETERINARY MEDICINE

Socialist competition of veterinary specialists.
N. I. Lukhanov, *Veterinaria* 42 no. 1 4-6 Ja '68

VORKUTA (KOMI ASSR)—PRINTING INDUSTRY

With printers in Vorkuta.
I. Klichanovskii, *Poligrafia* no. 6 10-11 Je '64

VOROB'EV, NIKOLAI DMITRIYEVICH, 1909-1965

Nikolai Dmitriyevich Vorob'ev, 1909-1965; obituary.
Meteor. i gidrol. no. 3 64 Mr '66

VORONEZH, GEORGII IVANOVICH

Delegate of a generation of pilots.
D. Vlasov, *Sov. voen.* 48 no. 7 4-5 Ap '66

VORONEZH—MACHINERY INDUSTRY—MANAGEMENT

The higher the discipline...
K. Zaukhanova, *Sov. prof-soyuz* 22 no. 4 5-6 F '66

VORONEZH—METAL-CUTTING TOOLS—TECHNOLOGICAL INNOVATIONS

Innovations of lathe operator A. I. A. Zmeev, G. A. Fedorov, *Mashinostroitel'* no. 3 32-33 Mr '66

VORONEZH—THEATER

Voronezh seasons.
V. Skobelev, *Teatr* 27 no. 1 86-89 Ja '66

VORONEZH PROVINCE—EDUCATION, PRESCHOOL

Preschool institutions on the collective and state farms of Voronezh Province.
Z. G. Gikhova, *Doshk. voap.* 39 no. 3 19 Mr '66

VORONEZH PROVINCE—KARST

Butled Chitanevskiy karst in the north-east of Voronezh and adjacent regions of Kursk Province.
R. V. Lushin, *Trud. nauch. i obshch. gos. ped. inst.* no. 1 119-121 Ja '64

VORONEZH PROVINCE—MACHINERY INDUSTRY MECHANIZATION

Denisenko, V. S., A. G. Koron, and N. V. Lelchuk, [Mechanization and automation in the machinery industry] *Mekhanizatsiya i avtomatizatsiya v mashinostroenii* [Voronezh] Voronezhskoe Priborostroitel'skoe Uchebnoye Izdatel'stvo, 1963. 57 p.

[MICROFILM]

VORONEZH PROVINCE—VASES, GREEK

A bronze hydria found in a burial mound near the village of Mantynino.
V. A. Bakhlov, *Sov. arkheol.* 10 no. 2 304-306 '66

VORONEZH PROVINCE—WORLD WAR, 1919-1945—CAMPAIGNS

G. I. K. A. I. [Two hundred heroic days] *Dva stolyetia cheskiy dno* [Voronezh, TSentrallye Chlenovskoye knizhnoye izd-vo, 1965. 120 p. (CS-1)]

VORONTSOV, DANIIL SEMENOVICH, 1886-1965

Danil Semenovich Vorontsov (1886-1965); obituary.
Pisatel. zhur. 52 no. 1 119-120 Ja '66

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VORTEX MOTION

Vortex formation without rotation in the discharge of a fluid through bottom outlets.
N. M. Belikov, U. G. Shmidorov, *Gidromekhanika* no. 2 21-27 '65

VOSTOK STATION, ANTARCTICA—ABDOMINAL SURGERY

First abdominal cavity operation at Vostok Station.
A. I. Shumilov, *Inform. blud. Sov. antark. eksp.* no. 61 50-51 '65

VOSTOK STATION REGION, ANTARCTICA—STENOGRAPHIC

Unexpected guest.
V. Petrov, B. Chumakov, *Inform. blud. Sov. antark. eksp.* no. 65 60-68 '65

VOTKINSK HYDROELECTRIC POWER STATION PANELS (BUILDING)

Use of reinforced panel elements in the construction of the Votkinsk Hydroelectric Power Station.
V. P. Chibrikov, A. A. Kotelnikov, *Energ. st. i no. 44* 12-15 '61

VOYCHOK, MARKO, pseud. see Markovych, Mariia Oleksandrivna (Vilinskaya), 1834-1907

VOYAGES AND TRAVELS

Around Eurasia on the motor ship "Zarya".
P. P. Kulantsov, *Zap. Primor. fil. Geog. ob-va SSSR* no. 1 70-85 '65

VHANGEL' ISLAND—VENTERBRATES

Notes on the terrestrial vertebrates of Vhangel' Island.
A. V. Volzhanskiy, *Zap. Primor. fil. Geog. ob-va SSSR* no. 1 67-78 '65

VHANGEL' ISLAND—WALLRUSES

Walrus rookeries on Vhangel' Island.
A. V. Volzhanskiy, *Zap. Primor. fil. Geog. ob-va SSSR* no. 1 150-161 '65

VRECHT, BERTOLT, 1806-1850

Ralkh, B. F. [Brecht; an account of his works] *Brecht Brecht; ocherk tvorчества* [Moskva, Vostochnyye knizhnoye izd-vo, 1960] 413 p. (NIC)

VULCANIZATION

Acceleration of the vulcanization of shaped chlorite gels.
G. A. Openov, R. P. Smirnovskaya, *Kauch. i rez.* 21 no. 3 46-47 '66

Cross-linking of rubbers with products of hydrotreatment of dimethylol derivatives of phenols.
I. V. Kharin and others, *Vysokom. soed.* 8 no. 2 357-360 F '67

Processes of structure formation in the vulcanization of M. F. Kharin and others, *Vysokom. soed.* 8 no. 2 304-208 F '66

Studying the effect of various types of "Rubra" additives on the quality of vulcanizates.
R. Sh. Frankel and others, *Kauch. i rez.* 25 no. 2 21-23 '66

Vulcanization of tire tubes by the heat of exhaust gases.
M. Zakharov, *Tekhn. v sel'khoz.* 26 no. 2 78 F '64

VULCANIZATION—EQUIPMENT AND SUPPLIES

Methodology of calculating the throughput of the safety valve of vulcanizing kettles.
V. D. Skaflyanov, *Kauch. i rez.* 26 no. 3 35-36 '66

VULVA—CANCER

Immediate and late results of radiotherapy in cancer of the vulva.
M. A. Kolro, *Med. rad.* 11 no. 3 23-27 Mr '66

- VULVA—CANCER (Continued)**
Optimal conditions for small focus skin distance X-ray therapy in cancer of the vulva using the RUM-7 apparatus. A. V. Polova, V. D. Lazurkina. Med. rad. 11 no. 3 19-22 Mr '66.
- VYATKA VALLEY—MINERALOGY**
Mineralogical association of the Mesozoic continental sediments of the Glazovskaya syncline. P. V. Ivanov, L. A. Vitch, V. P. Nabolshechikov. Nauch. trudy Perm. politekhn. inst. no. 12 pt. 2, 21-25 '64.
- VYBORG DISTRICT—COOPERATIVE SOCIETIES**
Economic council of a district cooperative society. N. Maashkov. Sov. potreb. koop. 10 no. 2 22 F '66.
- VYGODSKII, TEVEL' ABRAMOVICH**
Critic of an efficiency expert. P. Okol'nishnikov. Poligrafia no. 6 11-12 Je '64.
- VYNOKHRADSKYI, IURII STEPANOVYCH, d. 1965**
I. S. Vynokhradskiy, a student of local history. V. P. Petrov. Ukr. ist. zhur. 10 no. 1, 116-117 Ja '66.
- VYSOTSKII, GEORGI NIKOLAEVICH, 1905-1910**
Outstanding scientist and silviculturist. S. S. Sobolev. Vest. sel'khoz. nauk 10 no. 7, 116-147 Ji '65.
- WAGE PAYMENT SYSTEMS**
Piecework wage system. N. V. Ksenofontov. Sakh. prom. 40 no. 4, 76 Ap '66.
- WAGERS—PETROLEUM WORKERS**
Eliminate the shortcomings in paying bonuses to workers of tank farms. F. Golovnev. Neftnik 10 no. 12 23 F '65.
- WAGES**
(see also subdivision under Africa)
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sols. trud. 11 no. 3, 146-148 Mn '66.
Socialist principle of distribution according to labor. V. I. Ivash, Ekon. rad. Ukr. 9 no. 3, 23-27 Mr '66.
Supplementary payment for extra work. Ekon. i zhizn' 8 no. 1, 93 Ja '66.
- WAGES—AGRICULTURAL MACHINERY INDUSTRY**
see subdivision under Taganrog
- WAGES—AUTOMOBILE INDUSTRY** see subdivision under Minsk
- WAGES—BIBLIOGRAPHY** see Bibliography—Wages
- WAGES—COLLECTIVE FARMS**
Work organization and wages of collective farmers. I. F. Kaz'min. Sov. gos. prav. 36 no. 1, 99-102 Ap '66.
- WAGES—CONSTRUCTION INDUSTRY**
(see also subdivision under Caucasus, Northern; Moscow)
Propose to our readers on material incentives for construction workers. Ekon. stroit. no. 8, 59-62 Ag '64.
The work assignment-bonus wage system. A. Artazov. Nar. khoz. Kazakh. 24 no. 2, 59-60 P '66.
- WAGES—CONSTRUCTION WORKERS**
Problems of wages. Ekon. stroit. no. 8, 66 Ag '64.
- WAGES—FERTILIZER INDUSTRY** see subdivision under Samarkand
- WAGES—GRAIN TRADE**
Increasing economic incentives in the production at the enterprises of grain products. V. Narkhov. Muk. - elev. prom. 32 no. 1, 7-9 Ja '66.
- WAGES—LONGSHOREMEN**
The need for an efficient bonus system. V. Rozenfeld. Mor. flot 20 no. 3, 20 Mr '66.
- WAGES—MINERS**
Analysis of the use of salary funds at the "Dzerzhinskii" Mining Administration. P. A. Rusnenko. Gor. zhur. no. 3, 14-15 Mr '66.
- WAGES—OPERATIVE MARKETING OF FARM PRODUCTS**
see subdivision under Ukraine
- WAGES—PIPE INDUSTRY** see subdivision under Dnepropetrovsk
- WAGES—PRODUCE TRADE**
Regulation on wages for purchasing agents. Zakup. sel'khoz. prod. no. 6, 43 Je '65.
- WAGES—RAILROADS**
Regulations on bonus payments. Put' i put. khoz. 10 no. 2, 41 '66.
- WAGES—SHOE INDUSTRY**
Some problems in the differentiation of the wages of shoe industry workers. L. B. Pelsakhzon, N. V. Kotova, V. B. Gordetsova. Izv. vys. ucheb. zav. i tekhn. leg. prom. no. 1, 3-7 '66.
- WAGES—TELEPHONE—EMPLOYEES**
More on wages for telephone operators. Sols. trud. 11 no. 3, 115 Mr '66.
- WAGES—TRANSPORTATION, AUTOMOTIVE**
Consider conditions and quality of work. V. Kolchomanova. Avi. i aviap. 44 no. 7, 37-38 F '66.
- WAGES—WOODWORKERS**
Distribution of wages in a brigade based on the final results of the work. V. K. Evdokimenko, M. L. Storenberg. Der. prom. 15 no. 3, 24 Mr '66.
- WAGES AND LABOR PRODUCTIVITY**
Increase in wages and the productivity of labor. I. Orlovskii. Kommunist 12 no. 1, 65-97 Ja '66.
Organizing brigades based on a group wage system. G. K. Otkhov, N. N. Zharinov. Ryb. khoz. 40 no. 6, 82-83 '64.
- WALLS**
Calculation of a rigidly clamped wall. A. B. Ogranovich. Gidr. stroit. 35 no. 2, 40-43 F '65.
Lazko, A. D. [Waterproofing of exterior wall elements without using rolled materials; practices of the Donets Design and Planning Institute for the Construction Industry] Bezruchnaya gidrozolotelnaya ogradhdala shchikh konstruktsii, opyt Donprostroiniproekta. Moskva, Stroiizdat, 1965. 23 p. [MICROFILM]
Resistance of the sealed joints of large-panel walls to temperature action. F. G. Bitugov, Stroit. mekh. i mash. soor. 8 no. 1, 26-31 '66.
- WALRUSES** see subdivision under Vili'kitskiy Island; Vianget' Island
- WANTULA, ANDRZEJ, Bishop of the Evangelical-Augsburg Church in Poland, 1905-**
The 60th birthday of Bishop Andrzej Wantula. P. Sokolovskii. Zhur. Mosk. Patr. no. 3, 52-53 '66.
- WAR—ECONOMIC ASPECTS**
Economic potential in modern warfare. Kh. M. Dzheleukhov. Mor. sbor. 49 no. 3, 14-22 Mr '66.
- WAR CRIMES**
U.N.: Punishment for war crimes. V. Rozen. Nov. vrem. 23 no. 15-16 Ap '66.
- WAR IN MOTION PICTURES**
Operational maneuvering space for a heroic subject. L. P. Il'kov. Sov. voen. 47 no. 10, 41 O '65.
- WARBLE FLIES** see subdivision under Mongolia
- WARBLE FLIES—EXTERMINATION**
Use of trichlorometaphos-3 in hypodermic mosquitos. V. I. Tonoyev and others. Veterinar'ia 42 no. 1, 43-44 Ja '66.
- WAREHOUSES—DESIGN AND CONSTRUCTION**
Ivanov, V. F. [Principles of selecting and calculating the model and capacity of warehouses for reinforced-concrete plants] Osnovy vybora i rascheta tipa i emkosti skladov zhelezobetonnykh zavodov; uchebno-metodicheskoe posobie. Krasnodarsk, Krasnodarskii politekh. in-t, 1964. 86 p. [MICROFILM]
(see also subdivision under Amur Valley; Armenia; Black Sea region; Carpathian Mountain region; Chulym-Yenissey Basin; Dnieper-Donets Lowland; Dniester Valley; Kalmukia Steppe; Kyzyl Kum; Leningrad Province; Mangyshlak Peninsula; Simferopol' region; Suksum region, Perm Province, Tatar A.S.S.R.; Turkmenistan; Ustyurt)
Calculating the coefficient of filtration according to withdrawal data from incomplete wells. V. M. Nekhoroshev. Izv. vys. ucheb. zav. i geot. i razv. 9 no. 1, 73-79 Ja '66.
Calculation of the inflow of ground water, not following Darcy's law, to water-collecting galleries and wells. I. A. Snegirev. Izv. vys. ucheb. zav. i stroit. i arkh. 9 no. 1, 131-133 '66.
Change in the composition and mineralization of interstitial waters in squeezing them out of clays. M. S. Kotova. Zap. LGI 48 no. 2, 88-91 '65.
Determining the basic calculating hydrogeological parameters of aquifers based on their summary testing data. V. G. Semenov, N. G. Sokolov. Razved. i okh. nedr. 31 no. 12, 37-41 D '65.
Determining the specific water discharge in core holes. V. P. Doroshenko. Razved. i okh. nedr. 31 no. 11, 37-39 N '65.
Effect of the inflow of surface waters on the quality of the waters of seepage shore water intakes. E. L. Minkin. Razved. i okh. nedr. 31 no. 12, 41-48 D '65.
Flooding of the effect of thermal electric power stations. B. L. Gorlovskii. Energ. stroit. no. 5, 9-13 '65.
Geothermal effect of ground water travel. I. U. G. Bogomolov, I. U. V. Shitov. Dokl. AN SSSR 10 no. 1, 26-28 Ja '66.
Ground water flow in an infinite inhomogeneous stratum in an irrigation system. V. K. Rudakov. Gidrosferomekhanika no. 2, 33-41 '65.
- WASTE HEAT**
Utilization of the heat of refrigerator condensers in meat combines. V. Ogurtsov. Mias. ind. SSSR 37 no. 1, 25 '66.
- WASHING MACHINES**
Vibrating washers are efficient machines for flushing aggregates. R. A. Rodin, V. V. Oliunin, I. F. Ivanov. Stroit. mat. 12 no. 3, 36-37 Mr '66.
- WASHING POWDERS**
Washing powder instead of kerosene. V. Ivashkov. Izobr. i rats. no. 2, 6 '66.
- WASTE HEAT**
Utilization of the heat of refrigerator condensers in meat combines. V. Ogurtsov. Mias. ind. SSSR 37 no. 1, 25 '66.
- WASTE PRODUCTS**
Additional raw material sources for hydrolysis plants. M. I. Kamenkovich. Gidrotiz. i kashim. prom. 10 no. 2, 30 '66.
- WATER**
Effect of water and electrolyte solutions on glass-fiber fabrics made from alkaline and alkali-free glasses. I. E. Fitis, T. A. Tumanova, G. M. Zubova. Trudy LTITSBP no. 16, 50-55 '65.
- WATER—ANALYSIS**
Behavior of cobalt 60 and ruthenium 106 in reservoirs with slow circulation. V. I. Ivanov. Trudy Inst. biol. UFAN SSSR no. 45, 71-75 '65.
- WATER—COMPOSITION** see subdivision under Atlantic Ocean, Bryansk Province; Dnieper River; Gorkiy Reservoir, Koi ovna Bay
- WATER—DISTRIBUTION**
Choice of drives for the shutoff valves of water pipelines. V. V. Shchukovich. Nauch. trudy AKKH no. 34, 60-70 '65.
Determination of forces necessary for a tight seal in wedge-type "Moskva" slide valves. V. V. Shchukovich. Nauch. trudy AKKH no. 34, 71-80 '65.
New method for calculating hydraulic networks using electronic computers. V. S. Kuz'min. Nauch. trudy AKKH no. 34, 158-164 '65.
Use of electronic modeling in engineering and economic calculations of water distribution networks. V. N. Khvan. Nauch. trudy AKKH no. 34, 151-157 '65.
- WATER—MICROBIOLOGY** see subdivision under Krasnoyarsk Lake (Leningrad Province)
- WATER—PURIFICATION**
Effect of circulation regimen on the deactivation of water radiocarbonium. B. M. Agafonov, V. I. Ivanov. Trudy Inst. biol. UFAN SSSR no. 45, 67-70 '65.
A low-capacity water purification unit with a floating filter. S. I. Moroz. Gidr. i mel. 18 no. 1, 50-54 Ja '66.
Studying the possibilities of purifying and disinfecting waste water after washing grain at flour mills. P. Demidov and others. Muk. - elev. prom. 32 no. 1, 25-30 Ja '66.
Unit indices and optimal parameters of multistage surfaceless evaporating units. A. V. Izvekov, A. I. Koi'nechev. Teploenergetika 13 no. 1, 77-79 Ja '66.
- WATER, DISTILLED**
Mechanized distilled water supply. V. B. Medvedevskii, I. N. Shatnev. Mekh. i avtom. protzv. 20 no. 2, 18 F '66.
Quality of the water used in the pharmacies of the Ukrainian S.S.R. in preparing injection solutions. Report No. 2. M. D. Denyshev. Farmats. zhur. 18 no. 6 7-11 '63.
- WATER, DISTILLED—PHYSIOLOGICAL EFFECT**
Effect of distilled water on intestinal helminths in vitro and in the organism of parasite carriers. V. S. Kazneva. Trudy Kish. gos. med. inst. 14, 233-235 '61.
Protozoicidal effect of distilled water in vitro and in the organism of parasite carriers. V. I. Zakharov, V. F. Slonova-Tsaralunge. Trudy Kish. gos. med. inst. 14, 237-238 '61.
- WATER, UNDERGROUND**
(see also subdivision under Amur Valley; Armenia; Black Sea region; Carpathian Mountain region; Chulym-Yenissey Basin; Dnieper-Donets Lowland; Dniester Valley; Kalmukia Steppe; Kyzyl Kum; Leningrad Province; Mangyshlak Peninsula; Simferopol' region; Suksum region, Perm Province, Tatar A.S.S.R.; Turkmenistan; Ustyurt)
Calculating the coefficient of filtration according to withdrawal data from incomplete wells. V. M. Nekhoroshev. Izv. vys. ucheb. zav. i geot. i razv. 9 no. 1, 73-79 Ja '66.
Calculation of the inflow of ground water, not following Darcy's law, to water-collecting galleries and wells. I. A. Snegirev. Izv. vys. ucheb. zav. i stroit. i arkh. 9 no. 1, 131-133 '66.
Change in the composition and mineralization of interstitial waters in squeezing them out of clays. M. S. Kotova. Zap. LGI 48 no. 2, 88-91 '65.
Determining the basic calculating hydrogeological parameters of aquifers based on their summary testing data. V. G. Semenov, N. G. Sokolov. Razved. i okh. nedr. 31 no. 12, 37-41 D '65.
Determining the specific water discharge in core holes. V. P. Doroshenko. Razved. i okh. nedr. 31 no. 11, 37-39 N '65.
Effect of the inflow of surface waters on the quality of the waters of seepage shore water intakes. E. L. Minkin. Razved. i okh. nedr. 31 no. 12, 41-48 D '65.
Flooding of the effect of thermal electric power stations. B. L. Gorlovskii. Energ. stroit. no. 5, 9-13 '65.
Geothermal effect of ground water travel. I. U. G. Bogomolov, I. U. V. Shitov. Dokl. AN SSSR 10 no. 1, 26-28 Ja '66.
Ground water flow in an infinite inhomogeneous stratum in an irrigation system. V. K. Rudakov. Gidrosferomekhanika no. 2, 33-41 '65.

- WATER, UNDERGROUND (Continued)**
Institute of the Hydrogeology and Engineering Geology of the Ministry of Geology of the U.S.S.R. *Geol. zhur.* 10 no. 1:77-78 '66
- Methods for computing hydrogeological schemes. V.S. Kuznetsov, *Izv. Vses. geol. nauch. ts. 145-152* '66
- Methods of calculating the movement of ground water with surface infiltration. I. A. Sagidov, *Gidrol. zhur.* 35 no. 2:79, 10 '65
- Principles of observations on the regime of underground waters and the methods of data processing. N. V. Rogovskaya, Razved. i okh. nedr. 32 no. 1:41-45 Ja '66
- Principles of the hydrogeological regionalization of the U.S.S.R. B. I. Kulevskii, *Izv. Vses. geol. nauch. ts. 21* no. 1:88-91 Ja-F '66
- Selection of calculation hydrogeological parameters as a basis for the construction of water intakes of the seepage type. I. B. Bekerman, L. A. Monastirskii, Razved. i okh. nedr. 31 no. 1:53-54 N '65
- Seminar on the methodology of hydrometric evaluation of base flow to the rivers. R. S. Putova, *Izv. Vses. geol. nauch. ts. 98* no. 1:93-95 Ja-F '66
- State of and prospects for the development of irrigation using underground waters. A. A. Khmulevskii, *Gidrol. zhur.* 35 no. 1:20-28 Ja '65
- Study of movement of underground waters, new method of determining the direction and speed of the movement of underground waters in single boreholes. V. D. Novitskiy, V. I. Zaitchenko, *Geol. zhur.* 25 no. 1:44-48 '63
- WATER, UNDERGROUND—ANALYSIS** see subdivision under Tatar A S R
- WATER, UNDERGROUND—COMPOSITION**
(see also subdivision under Carpathian Mountain region; Caucasian Mountains, Moscow Province, Transcarpathia, Ukraine; Ural Mountain region)
- Graphic representation of the chemical composition of natural waters. I. V. Gubenko, N. I. Tolstikhin, *Zap. LGI* 48 no. 2:98-101 '65
- Pesokhov, E. V.** [Formation of the chemical composition of underground waters; basic factors] *Formirovaniye khimicheskogo sostava podzemnykh vod; osnovnye faktory.* Leningrad, Gidrometeoizdat, 1966 257 p.
- Processes of the formation of underground brines enriched with bromine and magnesium (experimental studies) V. V. Kravtseva, *Dokl. AN SSSR* 167 no. 1:184-186 '66
- WATER, UNDERGROUND—CONGRESSES**
All-Union interdepartmental seminar on the methodology of the hydrometric evaluation of the flow into rivers for regional characteristics of the natural resources of underground waters. H. O. Bilalov, *Geol. zhur.* 25 no. 6:114-115 '65
- WATER, UNDERGROUND—HYDRODYNAMICS**
Hydraulic method of constructing hydrodynamic networks of the movement during seepage of water through earthen dams. A. A. Uginchus, *Nauch. trudy KHIT* no. 20:5-21 '62
- WATER, UNDERGROUND—MAPS**
Practice in medium scale mapping and the evaluation of the natural resources of underground waters using complex hydrogeological method. N. I. Prosenkova, E. P. Kuko, Razved. i okh. nedr. 32 no. 1:45-48 Ja '66
- Some problems of hydrogeological mapping. B. F. Mavritskii, *Sov. geol.* 9 no. 2:63-68 F '66
- WATER FLEAS** see subdivision under Gorky Reservoir; Lenkoran Lowland
- WATER FLEAS—FOOD**
On the filtration feeding rate and some representative of water fleas. V. G. Kondratuk, *Dokl. AN BSSR* 10 '66
- Hammer using a digital computer. *udy LPI* no. 256:147-151 '65
- EXHIBITIONS**
Type water heater. N. Nefelova, *rm. biul. VDNKh* no. 1:10-11 Ja '66
- see Plants, Water in
- ency on functional changes in the form. V. S. Milonov, *Fiziol. zhur.* 52 '66
- 3M
Relations between blood and pericardial hyperosmosis. L. K. Volkanova, *3:291-296* Mr '66
- Disorders in the regulation of hum in circulatory insufficiency [tail vodno-solovogo ravnovesia i krovoobrashcheniya]. Novosibirsk, 3
- Infrared spectrum of the absorption of water by cerebral and muscular tissues of some vertebrate animals. N. A. Verzhbitskaya, A. I. Sidorova, *Biophysika* 9 no. 3:340-355 '64
- WATER OF CRYSTALLIZATION** see Crystallization, Water of
- WATER ON THE BRAIN** see Hydrocephalus
- WATER PIPES**
Hydraulic resonance in conduits of hydroelectric power stations. K. A. Slusarmkov, *Gidrol. zhur.* 35 no. 2:12-16 F '65
- Pipe making from reinforced concrete. M. N. Ponomareva, V. S. Sigalov, *Energ. st. i. 4:87-87* '64
- WATER PIPES—COLD WEATHER OPERATION**
Winter operation of turbine piping under severe climatic conditions. V. P. Steganyev, *Gidrol. zhur.* 36 no. 1:15-19 Ja '66
- WATER PIPES—MAINTENANCE AND REPAIR**
Filling a branch in a water pipeline that is in use. V. N. Fridlev, *Stroitel'stvo* no. 12:23-21 D '65
- WATER RESOURCES DEVELOPMENT**
(see also subdivision under Lena River)
- Calculating the dynamics of expenditure during the development of power and water management systems. V. P. Zakharov, E. E. Lotter, *Probl. gidroenerg. i vod. khoz.* no. 3:47-51 '65
- Constructing and controlling the development of multipurpose water management systems. N. S. Kolachev, *Probl. gidroenerg. i vod. khoz.* no. 3:3-30 '65
- Optimization of water management planning. I. V. Buzinaev, *Probl. gidroenerg. i vod. khoz.* no. 3:31-36 '65
- Use of polymer materials in water resources management. Z. I. A. Ioslovskii, E. K. Obrezkov, *Gidrol. zhur.* 36 no. 1:55-58 Ja '66
- WATER SKIING**
On the blue ski track. B. Stollarz, *Sov. voen.* 47 no. 10:10-47 O '65
- WATER SUPPLY**
(see also subdivision under Mangyshlak Peninsula, Yalta)
- Characteristics of objects of automatic regulation and control. R. U. Kotliar, *Nauch. trudy AKKH* no. 3:28-40 '65
- Characteristics of the use of sea water in water supply systems. N. A. Malishevskii, *Nauch. trudy KHIT* no. 23:49 '62
- WATER SUPPLY—EQUIPMENT AND SUPPLIES**
Device for continuous water supply in the hydraulic setting of filters in a water-bearing layer. M. I. A. Eliseev, Razved. i okh. nedr. 32 no. 1:50-52 Ja '66
- WATER SUPPLY—RATES**
Economics of water resources management and water rates. N. Fedenko, *Vop. ekon.* no. 2:130-132 F '66
- WATER SUPPLY, RURAL**
(see also subdivision under Kazakhstan)
- All-Union scientific technological conference on the use of polymer materials in water resources management. Z. I. A. Ioslovskii, E. K. Obrezkov, *Khim. v sel'. khoz.* 4 no. 3:76-78 Mr '66
- Karasev, B. V., and V. I. Dechev.** [Fundamentals of hydraulics, hydraulic machinery, and agricultural water supply] *Osnovy gidravliki, gidravlicheskoy mashiny i sel'skokhozyaystvennoy vodosnabzheniya.* Minsk, Urozhai, 1965, 207 p.
- WATER-SUPPLY ENGINEERING**
Russian water supply station. A. Kardash, *NTO* 8 no. 2:58-59 F '66
- WATER VAPOR—SPECTRA**
Transmission functions for a rotational band of water vapor. K. I. A. Kondrat'ev, I. U. M. Timofeev, *Izv. AN SSSR, Fiz. atm. i okeana* 2 no. 3:272-289 Mi '66
- WATERPROOFING**
Lat'ko, A. D. [Waterproofing of exterior wall elements without using rolled materials; practices of the Donets Design and Planning Institute for the Construction Industry] *Bezrolonnaya gidrozolotatsiya opizhdayushchikh konstruktsiy; opyt Dneprostroyproekt.* Moskva, Stroiizdat, 1965, 23 p.
- [MICROFILM]
Polymer film materials for waterproofing structures. P. F. Shubenkin, A. B. Martynchik, *Stroitel. mat.* 12 no. 3:28-29 Mr '66
- WATERWORKS INTAKES** see Intakes (Hydraulic engineering)
- WAVE FUNCTIONS**
Asymptotic behavior of a spectral matrix in a one-dimensional Dirac system. I. S. Sargsian, *Dokl. AN SSSR* 160 no. 5:1058-1061 F '65
- Longitudinal relaxation time of oriented atoms. N. G. Preobrazhenskii, S. V. Senina, A. V. Senina, *Izv. vya. ucheb. zav., fiz.* 9 no. 1:42-47 '66
- Sensitivity of certain nuclear characteristics to the parameters of an intermediate coupling model. A. B. Bolotnikov, M. A. Zhuravlyov, I. Kotlov, *Izv. AN SSSR, Ser. fiz.* 40 no. 3:472-474 Mi '66
- Structure of the vertex parts in SU(6) and U(12) symmetries. N. G. Van Hieu, *Pham Quy Tu. Tad. fiz.* 3 no. 3:53-55 Mi '66
- Tensor forces in the problem concerning the commutation. A. G. Sitnikov, V. P. Kharchenko, *Izv. Akad. Nauk Ser. fiz.* 30 no. 2:120-130 I '66
- WAVE GUIDES**
Beam theory of open cavity resonators and wave guides with oscillations limited by chaotic surfaces. V. P. Rykov, *Radiotekhnika i elektronika* 11 no. 3:177-187 Mi '65
- Calculation of the natural frequencies of axially-symmetrical cavity resonators and the critical lengths of regular wave guides. V. M. Babinenko, V. S. Litvin, I. N. Novitskiy, *Radiotekhnika i elektronika* 11 no. 3:171-178 Mr '66
- Effect of electron radiation on signal amplification in a weakly modulated one-dimensional electron stream. S. V. Gafarionov, G. P. Filimonov, *Zhurnal tekhn. fiz.* no. 2:250-257 I '66
- Effect of electron radiation in a plasma wave guide in a strong electromagnetic field. A. M. Fedotkin, *Ukr. fiz. zhur.* 11 no. 2:162-168 I '66
- Experimental study of a millimeter waveguide. V. A. Ayvazbeki and others, *Radiotekhnika i elektronika* 11 no. 4:750-754 Ap '66
- Maximum concentration of energy by a round dielectric waveguide. V. F. Vasilyukh, A. S. Belanov, *Radiotekhnika i elektronika* 11 no. 4:740-748 Ap '66
- Nonuniformities of rectangular waveguides. Higher order waves. V. P. Shonopov, V. V. Shcherbak, *Radiotekhnika i elektronika* 11 no. 4:675-683 Ap '66
- Propagation of electromagnetic waves in two coupled waveguides with different cross sections. A. M. Malin, *Radiotekhnika i elektronika* 21 no. 3:14-17 Mr '66
- Transmission power of a dielectric waveguide. N. A. Semenov, *Radiotekhnika i elektronika* 21 no. 3:25-30 Mi '66
- WAVES**
Long waves in a heterogeneous fluid from a periodic moving pressure system. N. N. Alekshin, *Izv. AN SSSR, Fiz. atm. i okeana* 2 no. 3:101-107 F '65
- WEASELS** see subdivision under Taxidermy region
- WEATHER FORECASTING**
Forecasting the mean value of the indexes of atmospheric circulation for a natural synoptic period. M. N. Fedotova, *Meteor. i gidrol.* no. 1:26-20 Ap '66
- Method of calculating the geopotential height for a natural synoptic period. E. L. Mordukhai-Nikol'skiy, *Meteor. i gidrol.* no. 3:40-44 Mr '66
- Moscow, Vsesoyuznyy institut prognozov.** [Manual on short-range weather forecasting] *Rukovodstvo po kratkookonomnyy prognozom pogody.* Leningrad, Gidrometeoizdat, Pt. 3, No. 2. [European territory of the U.S.S.R. and Transcaucasia] *Evropeitskaya terriyia SSSR i Zakavkaz'ye.* 1965, 232 p.
- WEATHERING**
(see also subdivision under Azerbaijan; Kazakhstan; Siberia; Soviet Central Asia)
- Methodology of prospecting for the rare-metal deposits of a weathering surface. I. I. Egorov, *Razved. i okh. nedr.* 31 no. 11:15-17 N '66
- WEAVING**
Effect of the tension ratio of warp and weft on the physico-mechanical properties of blended rayon-rayon fabrics. L. D. Nishporchik, *Tekhn. prom.* 28 no. 3:30-41 Mr '66
- [Technology of weaving; preparation of warp and weft for weaving] *Tekhnologiya tkacheniya; prikolovleniya ovy i utka k tkachatvu.* [By] P. M. Rozanov i dr. Moskva, Legkaya Industriya, Pt. 1, 1966, 231 p.
- WEAVING—MECHANIZATION**
Overall mechanization and automation of the weaving shop. S. I. Sinokov, M. V. Studentova, E. M. Goryunina, *Biulet. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 19 no. 1:23-24 Ja '66
- WEDGES**
Conditions of the minimum traction forces for a wedge with a supporting wheel. M. I. Guslatekii, *Dokl. Akad. sel'. khoz. nauk* no. 2:43-48 F '66
- WEED CONTROL** see subdivision under Armenia; Siberia; Uzbekistan
- WEED KILLERS** see Herbicides
- WEEDS**
Effect of physiologically active substances on the germination of weed seeds. I. P. Kozakova, *Nauch. trudy SSSR* no. 2:220-247 '64

WEEVILS—EXTERMINATION

The grape weevil *Ceonothisus vilis* T.-M. (Coleoptera, Attelabidae) in the Maritime Territory. A. K. Boue, Zap. Pitomoi. fl. Geog. ob-va 55SR no. 1:169-171 '68.

WEIERSTRASS, KARL THEODOR WILHELM, 1815-1897

The 150th anniversary of the birth of K. Weierstrass. A. O. Grifond. Vest. AN SSSR 36 no. 2 184-185 F '68.

WEIGHING MACHINES

Gauzner, S.I., S.S. Mikhaylovskii, and V.V. Orlov. [Recording devices in automatic weighing processes] Registritruloskiye ustroystva v avtomaticheskikh protsessakh vzveshivaniia. Moskva, Mashinostroenie, 1966. 130 p.

WEIGHTLESSNESS

Trips into weightlessness. IU, Gairnev. Giazhd. av. 23 no. 4 10 Ap '66

Weightlessness and the vestibular apparatus. V. Lazdovskii, M. Emel'yanov, N. Gucovskii, Av. i kosm. 45 no. 12:19-23 '62.

WEIGHTS AND MEASURES

International system of units. Av. i kosm. 45 no. 12:86-88 '62.

Organization of the system of measures and weights and their control in the late 17th and first quarter of the 18th century in Russia. O.I. Kamontsova. Ukr. ist. zhur. 10 no. 1:87-94 Ja '66.

WEIGHTS AND MEASURES—STANDARDS

[Units of measurement and designations of physical and technical quantities, a handbook] Edinitsy izmrenenii i oboznamenii fiziko-tekhnicheskikh velichin, spravochnik. Izd. 2., poim. i dop. Moskva, Nedra, 1966. 511 p.

Zhuravlev, A.N. [International Unit System and regulations for its introduction into the U.S.S.R.] Mezhdunarodnaya sistem edinit i poriadok vvodenii ee v SSSR. Moskva, Mosk. aviatsionnyi in-t, 1963. 30 p.

[MICROFILM]

WEIRS

Discharge under the sector gate of a broad crest weir. V.M. Flabiykh. Gid. sb. ot. 36 no. 2:49-50 F '66.

Rating of sharp-crested triangular weirs and hydrometric flumes under field conditions. M.I. Isakov. Meteor. i gidrol. no. 4 54-56 Ap '66.

WELDED STEEL STRUCTURES—ECONOMIC ASPECTS

Economy of metal in designing welded structures. G.V. Raevskii. Avtom. svar. 10 no. 2:1-6 F '66.

WELDING

(see also subdivision under France; Germany, West)

All-Union scientific technical conference on welding. V.P. Turin. Vest. mashinost. 46 no. 3:81-83 Mr '66.

Investigation of the effect of the yield of the lumps on the weld deformations. A.D. Zevin. Sbor. nauch. trud. Dnepr. inzh.-stroit. inst. no. 25:70-77 '62.

Kinetics of thermal diffusion processes in welding. V.IA. Suvorin. Izv. vyz. ucheb. zav.; mashinost. no. 12 120-134 '65.

Monolithic magnetic tape for magnetographic control. A.S. Fal'kevich, P.L. Silskala. Stroi. truboprov. 10 no. 5:35 My '65.

Welding operations. Energ. stroi. no. 46:45-52 '64.

Welding work. V.N. Kulikov, E.P. Ostrovskii, Energ. stroi. no. 45:109-114 '64.

WELDING—CONGRESSES

A conference and exhibition on build-up welding in Czechoslovakia. I.I. Frumkin. Avtom. svar. 10 no. 2, 78 F '66.

Conference of the welders of Siberia and the Soviet Far East. V.N. Matkhanov. Avtom. svar. 10 no. 1:78-79 Ja '66.

Conference on the working conditions of welders. A.E. Marchenko. Avtom. svar. 18 no. 2:79 F '65.

First Smolensk regional conference of welders. V.P. Martynovskoy. Svar. protzv. no. 3:45 Mr '66.

WELDING—EXHIBITIONS see subdivision under Japan

WELDING—SAFETY MEASURES

Pay more attention to securing fire prevention in welding. M.I. Bobrovnikov. Svar. protzv. no. 3:47-48 Mr '66.

WELDING METALLURGY

Effect of various boron additions on the properties and weldability of the E1437 alloy. G.A. Pavlichenko, I.U.M. Popov. Avtom. svar. 10 no. 1:75-78 Ja '66.

WEST GERMANY see Germany, West

WEST SHELF ICE

Changes in the West and Amery Shelf ices. V.G. Lodenov, A.P. Evdokimov. Inform. biul. Sov. antark. eksp. no. 56: 12-18 '66.

WEST SIBERIAN ECONOMIC REGION—ECONOMIC

POLICY

Ulrobin, E.N., and R.I. Shipper. [Planning for the economy of a large economic region] Planirovaniye khozias'tva kiupnogo ekonomicheskogo raiona. Moskva, Ekonomika, 1966. 137 p.

WEST SIBERIAN PLAIN—GAS, NATURAL—GEOLOGY

Composition and characteristics of the distribution of Jurassic fragmental rocks in the West Siberian Plain in connection with the predictions of the occurrences of reservoir rocks. G.E. Prozorovich. Geol. nefit i gaza 10 no. 2:16-18 F '66.

Role of disjunctive dislocations in the formation of oil and gas pools in Jurassic and Cretaceous sediments in the West Siberian Plain. F.G. Gurari, A.E. Kontorovich, G.R. Ostyl. Geol. nefit i gaza 10 no. 2:5-11 F '66.

WEST SIBERIAN PLAIN—GEOLOGY, STRUCTURAL

Disjunctive dislocations in the sedimentary cover of the West Siberian Plain. G.L. Kovalevskii, E.I. Ben'ko, V.V. Korolun. Geol. i geofiz. no. 9:93-100 '65.

WEST SIBERIAN PLAIN—OIL FIELD BRINES

Determination of the mineralization of formation waters in Cretaceous sediments in the central part of the West Siberian Plain based on relative anomalies of spontaneous polarization. I.U.L. Bryukin, V.I. Romanenko. Geol. nefit i gaza 10 no. 2:61-62 F '66.

WEST SIBERIAN PLAIN—OIL WELL LOGGING, ELECTRIC

Determination of the mineralization of formation waters in Cretaceous sediments in the central part of the West Siberian Plain based on relative anomalies of spontaneous polarization. I.U.L. Bryukin, V.I. Romanenko. Geol. nefit i gaza 10 no. 2:61-63 F '66.

WEST SIBERIAN PLAIN—PETROLEUM GEOLOGY

Composition and characteristics of the distribution of Jurassic fragmental rocks in the West Siberian Plain in connection with the predictions of the occurrences of reservoir rocks. G.E. Prozorovich. Geol. nefit i gaza 10 no. 2:16-18 F '66.

Role of disjunctive dislocations in the formation of oil and gas pools in Jurassic and Cretaceous sediments in the West Siberian Plain. F.G. Gurari, A.E. Kontorovich, G.R. Ostyl. Geol. nefit i gaza 10 no. 2:5-11 F '66.

WEST SIBERIAN PLAIN—ROCKS, SEDIMENTARY

Composition and characteristics of the distribution of Jurassic fragmental rocks in the West Siberian Plain in connection with the predictions of the occurrences of reservoir rocks. G.E. Prozorovich. Geol. nefit i gaza 10 no. 2:16-18 F '66.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WETTING

Apparatus for determining the rate of wetting of textile fabrics, nonwovens, and other porous materials. A.N. Bratslavskii. Izv. vyz. ucheb. zav.; tekhn. tekst. prom. no. 1:174-175 '66.

WHALE OIL

Improving the processing of whale oil. I.A. S. Meesov, and others. Masl. zhil. prom. 32 no. 1:12-15 Ja '66.

WHARVES

Survey and analysis of modern methods for determining the servicing capacity of the quays. N.K. Kruglenko, N.S. Tatarsenko. Eksp. i eksp. mor. i transp. no. 2:87-78 '65.

WHEAT

(see also subdivision under Belorussian District; Kazakhstan; Krasnoyarsk Territory; Siberia; Virgin Territory)

Agroclimatic conditions for the growth of wheat in the world's wheat growing areas. L.A. Gol'dsberg. Izv. Vses. geog. ob-va 98 no. 1:10-18 Ja-F '66.

Effect of gamma rays on the generative process in wheat. S.V. Shkurenko, O. Baldauletov. Vest. sel'khoz. nauk [Kazakh.]. 0 no. 2:111-115 F '66.

Physicochemical changes in the gluten of germinating wheat. Report No. 2. Amino acid composition. O.S. Shorina, A.B. Vakari, V.L. Kretovich, Prikl. biokhim. i mikrobiol. 2 no. 2:121-127 Mr-Apr '66.

Technochemical and technological characteristics of basic subtypes of red-grained soft wheat. P. Sudnov, P. Avdius' N. Pallulina. Muk. i elev. prom. 32 no. 1:13-15 Ja '66.

WHEAT—DISEASE AND PEST RESISTANCE

Immunity of winter wheat to common bunt. M.M. Tsybalya. Vest. sel'khoz. nauk 10 no. 6:66-67 Ja '65.

WHEAT—FERTILIZERS AND MANURES

Absorption of phosphoric acid by young winter wheat plants from various fertilizers. N.A. Arzybov, Khim. v sel'khoz. 4 no. 3:25-27 Mr '66.

Effect of spring nitrogen fertilization of winter wheat on crop quality and the content of nitrogen substances in plants. B.P. Pleshkov, E. Savichko, S.S. Chulanova. Izv. AN SSSR, Ser. biol. no. 2:318-322 Mr-Apr '66.

WHEAT—IRRIGATION

Wheat irrigation abroad. Z.A. Syromiatnikova, A.L. Zaikin. Gid. i mel. 10 no. 2 50-56 F '66.

WHEAT BREEDING

(see also subdivision under Moscow Province)

Morphological and cytological characteristics of wheat forms with cytoplasmic male sterility. M.I. Savchenko, H.S. Lastovych. Ukr. bot. zhur. 22 no. 1:35-42 '65.

Remote hybridization and its importance for the breeding of Gamagosa. V.P. Bonnikova. Ukr. bot. zhur. 22 no. 1:13-13 '65.

WHEAT-RYE HYBRIDS see subdivision under Transcaucasia

WHITE RUSSIA—ANTIQUITIES

Skema-1, an ancient settlement of the neolithic period in northern White Russia. M.M. Charnauski. Vestni AN BSSR, Ser. hum. nav. no. 1:70-74 '66.

WHITE RUSSIA—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

[Progressive methods of housing construction in White Russia] Progressivnye metody zhilishhnogo stroitel'stva v Belorussii. Moskva, "Belarus," 1965. 142 p.

WHITE RUSSIA—ARCHAEOLOGY

Zagoruil'skii, E.M. [Archaeology of White Russia] Arkheologia Belarussii. Pod red. B.A. Rybakova. Minsk, Vysshaya shkola, 1965. 221 p.

WHITE RUSSIA—BOOKSELLERS AND BOOKSELLING

White Russian booksellers prepare for the congress of the party. A. Borushko. Knizh. torg 17 no. 3 1-8 Mr '66.

Why the demands have been disregarded. L. Strong. Knizh. torg 27 no. 1 45-46 Ap '60.

WHITE RUSSIA—BOTANY—SOCIETIES, ETC

Publishing activities of the White Russian Section of the All-Union Botanical Society. P.I.A. Petrovskii. Bot. zhur. 81 no. 1 152-153 Ja '66.

WHITE RUSSIA—BUILDING MATERIALS

On the basis of synthetic materials. A. Volnov, S. Bellav. Zhil. stroi. no. 1:14-16 '66.

WHITE RUSSIA—CANNING INDUSTRY—ACCOUNTING

Calculation in the canning industry. E. Kaler. Bukhg. uchut. no. 2:33-35 F '66.

WHITE RUSSIA—CHEMISTRY, TECHNICAL

Mavrlachev, V.S., and V.I.A. Os'kin. [Chemicalization of the national economy] Khimicheskaya narodnogo khozias'tva. [Minsk] Belarus', 1965. 101 p.

WHITE RUSSIA—CHOIRS (MUSIC)

Smol'tskii, B.S. [State Academic Choir of the White Russian B.S.S.R.] Gosudarstvennaya akademicheskaya khorovaya kapella BSSR. Minsk, Gos. izd-vo BSSR, Red. muzykal'noi lit-ry, 1959. 33 p. (NN)

WHITE RUSSIA—CITIES AND TOWNS

Kovyskii, Z.U. [Economic development of the cities of White Russia in the 16th and the first half of the 17th century] Ekonomicheskoe razvitiye gorodov Belorussii v XVI - pervoi polovine XVII v. Minsk, Nauka i tekhnika, 1966. 225 p.

WHITE RUSSIA—CITY PLANNING

Minsk. Institut stroitel'stva i arkhitektury. [New cities of White Russia] Novye goroda Belorussii. [Minsk] Nauka i tekhnika, 1965. 152 p.

New developments in White Russian city planning. O. Ladiygina, E. Zaslavskii. Sov. arkh. no. 17:20-37 '66.

WHITE RUSSIA—COMMUNIST PARTY

Qiniskala, T.U. [The Communist Party of western White Russia was the leader of the liberation struggle of western White Russia's workers, 1924-1928] KPZB - rukovodil'noi osvobodivshis' bor'by trudiashechikha Zapadnoi Belorussii, 1924-1928 gg. Minsk, Belarus', 1965. 189 p.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The 26th Congress of the Communist Party of White Russia. Part. zhizn' no. 6:24-27 Mr '66.

WHITE RUSSIA—CONSTRUCTION EQUIPMENT

Administrations for complete sets of supplies recruit their strength. L. Paperno. Ekon. stroi. no. 6:30-40 Ag '64.

WHITE RUSSIA—CONSTRUCTION INDUSTRY

In the State Committee on Construction of the White Russian S.S.R. Biul. stroi. tekhn. 26 no. 1:35 Ja '66.

Work experience of White Russian constructors. G.F. Kuprev. Biul. stroi. tekhn. 26 no. 1:33-39 Ja '66.

WHITE RUSSIA—CRIMINAL LIABILITY

Gorelik, I. I. [Liability for exposure to danger under Soviet criminal law] Otvetsivnost' za postavlennye v opasnost' po sovetskomu ugolovnomu pravu. Minsk, Vysshaya shkola, 1964. 190 p.

WHITE RUSSIA—ECONOMIC CONDITIONS

Important phase of a remarkable road. T. Kiselev. Kom-munist 42 no. 4:11-17. M. '66.

Kovyskii, Z. Iu. [Economic development of the cities of White Russia in the 16th and the first half of the 17th century] Ekonomicheskoe razvitiye gorodov Belorussii v XVI - pervoi polovine XVII v. Minsk, Nauka i tekhnika, 1966. 225 p.

WHITE RUSSIA—EDUCATION

Let us build a material foundation for the development of culture. M. Min'ovich. Agitator 33 no. 6:9-11. M. '66.

WHITE RUSSIA—EVAPORATION (METEOROLOGY)

Total evaporation from the surface of silver basins of White Russia. A. G. Bulavko, Z. M. Sivukho. Dokl. AN BSSR 10 no. 2:105-107. M. '66.

WHITE RUSSIA—FURNITURE INDUSTRY

Vislutin, F. P., and E. P. Ziolkov. [Specialization in the furniture industry of White Russia] Spetsializatsiya mebel'noi promyshlennosti Belorusskoi SSR. Minsk, In-t nauchno-tekhn. informatsii i propagandy, 1963. 61 p.

[MICROFILM]

WHITE RUSSIA—GAS DISTRIBUTION—STUDY AND TEACHING

Odel'tsih, E. Kh. [Gas supply of cities; program, methodological instructions and lectures] Gazosnabzheniye gorodov, programma, metodicheskie ukazaniya i lektsii. Minsk, Vysshaya shkola, 1965. 109 p.

WHITE RUSSIA—GEOLOGY—CONGRESSES

Soveschaniye po otsenke perspektiv metallonositeli kristallicheskogo massiva belorusskoi. [Geology and prospects for finding metals in the Pre-Cambrian of White Russia and adjacent areas, reports] Geologiya i perspektivy metallonositeli dokembriya Belorusskoi i svezhnykh rayonov, [doklady]. Minsk, Nauka i tekhnika, 1965. 334 p.

WHITE RUSSIA—GLACIAL EPOCH

Independence of Moscow glaciation in White Russia. N. A. Makhnach. Dokl. AN BSSR 10 no. 1:37-41. Ja. '66.

WHITE RUSSIA—GRAIN—FERTILIZERS AND MANURES

Let us increase the yield of grain. N. D. Mukhin. Zemledelie 26 no. 1:36-37. Ja. '66.

WHITE RUSSIA—HIDES AND SKINS—QUALITY CONTROL

Addends of high quality. G. Tsionskii. Zakup. sel'khoz. prod. no. 6:24-26. Je. '65.

WHITE RUSSIA—HISTORY, MILITARY

How the White Russian people struggled against German aggression from the 13th through the 15th centuries. S. A. Shecharbafou. Vestnik AN BSSR. Ser. hram. nav. no. 1:60-69. '66.

WHITE RUSSIA—INDUSTRIAL PROCUREMENT

Administrations for complete sets of supplies recruit their strength. L. Paperno. Ekon. stroi. no. 8:38-40. Ag. '64.

WHITE RUSSIA—LABOR AND LABORING CLASSES

The way of life of the workers of White Russian industrial enterprises. U. M. Ivanov. Vestnik AN BSSR. Ser. hram. nav. no. 1:52-59. '66.

WHITE RUSSIA—MACHINE ACCOUNTING

Strengthen business accounting and improve the quality of work in the regional machine accounting stations. V. Potap'ev. Vest. stat. no. 3:73-75. '66.

WHITE RUSSIA—MACHINERY INDUSTRY

The development, distribution, and specialization of machinery manufacturing plants in the White Russian S. S. R. R. U. Hrek. Vestnik AN BSSR. Ser. hram. nav. no. 1:25-34. '66.

WHITE RUSSIA—MILK—QUALITY CONTROL

This is very profitable. A. Veklenko. Zakup. sel'khoz. prod. no. 6:30-41. Ja. '65.

WHITE RUSSIA—OMISSION, CRIMINAL

Gorelik, I. I. [Liability for exposure to danger under Soviet criminal law] Otvetsivnost' za postavlennye v opasnost' po sovetskemu ugolovnomu pravu. Minsk, Vysshaya shkola, 1964. 190 p.

WHITE RUSSIA—ORE DEPOSITS—CONGRESSES

Soveschaniye po otsenke perspektiv metallonositeli kristallicheskogo massiva belorusskoi. [Geology and prospects for finding metals in the Pre-Cambrian of White Russia and adjacent areas, reports] Geologiya i perspektivy metallonositeli dokembriya Belorusskoi i svezhnykh rayonov, [doklady]. Minsk, Nauka i tekhnika, 1965. 334 p.

WHITE RUSSIA—PATRIOTISM

Patriotic ideas in White Russian folklore. A. V. Shastakovich. Vestnik AN BSSR. Ser. hram. nav. no. 1:81-91. '66.

WHITE RUSSIA—PEAT INDUSTRY

Peat industry of the White Russian S. S. R. during the period of the seven-year plan, some results. I. I. Duzhelovalskii. Toiz. nom. 13 no. 1:5-8. '66.

WHITE RUSSIA—POLITICS AND GOVERNMENT

White Russia. Verkhovnyi Sovet. [Fifth session of the Sixth Supreme Soviet of the White Russian S. S. R., June 16-17, 1965. Verbatim report] Stenograficheskiy otchet Verkhovnego Soveta Belorusskoi SSR, shostogo sozyva 16-17 Iunia 1965 goda. Stenograficheskiy otchet. Minsk, Belarus', 1965. 234 p.

WHITE RUSSIA—PROSPECTING

Public business of the economic analysis of the organizations of geological prospecting of the former State Geological Committee of the White Russian S. S. R. L. I. P. Iglovskaya. Razved. i okh. nedr. 31 no. 11:56-57. N. '65.

WHITE RUSSIA—RELATIONS (GENERAL) WITH EASTERN EUROPE

Scientific cooperation of the White Russian S. S. R. with the countries of the socialist commonwealth. M. S. Varnabei. Vestnik AN BSSR. Ser. hram. nav. no. 1:42-51. '66.

WHITE RUSSIA—RETAIL TRADE—ACCOUNTING

Machine accounting in trade. D. Shifor, R. Ustinova. Bukhg. uch. no. 2:38-41. F. '66.

WHITE RUSSIA—STATISTICS

[The White Russian S. S. R. in figures for 1964; a concise statistical abstract] Belorusskaya SSR v tsifrakh za 1964 god; kratkii statisticheskiy sbornik. Minsk, Statistika, 1965. 270 p.

WHITE RUSSIA—STONE AGE

New data on the ancient flint mines in western White Russia. N. N. Gulin. Krat. soob. Inst. arkheol. no. 100:50-58. '65.

WHITE RUSSIA—VEGETABLES—STORAGE

Prolonged storage of fruit and vegetables. I. Danil'chik, M. Sokolova. Sov. torg. 39 no. 3:28-32. M. '66.

WHITE RUSSIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Kolos, I. A. [Front line scouts] Frontovye razvedchiki. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1965. 77 p.

(CSU-H) (NIC)

"These heroic deeds give inspiration. . . ." V. F. Ermolaev. Vest. vyz. shkoly 24 no. 2:64-66. F. '66.

WHITE RUSSIAN FOLKLORE see Folklore, White Russian

WHITE RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

Schany, I. S., ed. [Our literature; a chrestomathy for the 5th grade of secondary schools] Rodnaya literatura; khrestomatiya dlya V klasa srednei shkoly. Vyd. 12. Minsk, Dzhirzh. vychelna-podagag. vyd-vo, 1959. 298 p.

(CLU)

WHITE RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Penetration of German words into the vocabulary of the Old White Russian language. I. I. Charkov. Vestnik AN BSSR. Ser. hram. nav. no. 1:120-127. '66.

WHITE RUSSIAN LANGUAGE—ORTHOGRAPHY

Reflection of pronunciation in the orthography of the Old White Russian language. A. M. Bulyka. Vestnik AN BSSR. Ser. hram. nav. no. 1:120-136. '66.

WHITE RUSSIAN LANGUAGE—PROVINCIALISMS

Linguistic characteristics of P. Skaryna's works in V. Zhuhalev's handwritten versions. U. V. Anichonka. Vestnik AN BSSR. Ser. hram. nav. no. 1:102-111. '66.

WHITE RUSSIAN LANGUAGE—SENTENCES

Complex sentences with concessive clauses. A. P. Firulso. Vestnik AN BSSR. Ser. hram. nav. no. 1:112-119. '66.

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

Problems and characters in the novel based on the "Heart" in the palm of the hand, a novel by L. Shamakina. S. A. Andraluk. Vestnik AN BSSR. Ser. hram. nav. no. 1:75-83. '66.

WHITE SEA—BASKING SHARK

Giant shark in the White Sea. B. M. Tambovtsov. Mat. rybokhoz. issl. Sev. bas. no. 5:143-147. '65.

WHITE SEA—CODFISH

Introduce more effective White Sea cod (Eleginus navaga) fisheries. A. M. Anukhina. Ryb. khoz. 40 no. 8:26-26. '64.

WHITE SEA—HYDROLOGY

Characteristics of the winter hydrologic regime in the Umla region of the White Sea. M. M. Adinov. Mat. rybokhoz. issl. Sev. bas. no. 5:101-109. '65.

WHOLE AND PARTS (PHILOSOPHY)

Zel'kina, O. S., ed. [Problems of structure in scientific knowledge] Problemy struktury v nauchnom poznanii, sbornik statei. [Saratov] Izd-vo Saratovskogo univ., 1965. 131 p.

WHOLESALE TRADE

(see also subdivision under Lithuania)

Concentration of the wholesale trade in the village. A. Hevlev, V. Hukin'yki. Ekon. Rad. Ukr., 9 no. 3:47-50. M. '66.

WHOLESALE TRADE—CONGRESSES

Put the results of congress into practice. Izvestiya Sov. torg. 39 no. 1:37-38. Ap. '66.

WILD RYE see subdivision under Rye and Rye grain (Wheat)

WILLIAMS, G. MENNEN, 1811-

"The Spark" and "Coopy" Williams. A. I. Af. arg. 9 no. 3:58-59. M. '66.

WIND see Wind

WINCHES

Hydrometric winch for a cable-car crossing. V. I. Iakovlev. Trudy GGI no. 120:131-134. '66.

The 10-ton capacity mine winch. A. I. Kal'chenko. Trudy strol. 10 no. 3:20. M. '66.

WINCHES—BRACKS

Control brake for loading winches of truck cranes. G. A. Ilychenko. Stroi. i uboprov. 10 no. 8:20-30. My. '66.

WINCHES—DESIGN AND CONSTRUCTION

The LV winch for steeply-pitching and inclined beams. S. I. Vasilenko. Ugol. Ukr. no. 3:20-27. M. '66.

WIND EROSION see subdivision under Ukraine

WINDBREAKS, SHELTERBELTS, ETC (see also subdivision under Caucasus; Volgograd Province)

Advantages of the checkerboard plantations of shelterbelts. V. I. A. Vokhugonov. Vest. sel'khoz. nauki 10 no. 7:5-6. M. '66.

Are shelterbelts necessary? I. A. Shakhov, A. A. Shakhov, Zemel'delie 26 no. 2:70-79. F. '66.

Fruit and nut-bearing species used as shelterbelts. A. F. Litovskaya. Vest. sel'khoz. nauki 10 no. 7:38-41. M. '66.

Roadside afforestation and the yield of crops. D. I. Shetengovskii. Vest. sel'khoz. nauki 10 no. 7:22-23. M. '66.

Shelterbelts and crops. N. M. Miloserdov. Zemel'delie 26 no. 1:66-67. Ja. '66.

Agricultural and land improvement zoning of the U. S. S. R. A. F. Kabanov. Vest. sel'khoz. nauki 10 no. 7:1-2. M. '66.

Single-row shelterbelt plantations in dry steppe and semidesert. I. I. Skokhodov. Vest. sel'khoz. nauki 10 no. 7:10-24. M. '66.

WINDING MACHINES

Bozodin, A. I. [High-speed rewinding of warp yarn from the top; analysis of the process] Vysokoskorostnoye peromatyvaniye osnovnoi prikladnoi tekhnika, issledovanie protsessov. Moskva, Legkaya industriya, 1965. 193 p.

Manufacturing the BP-240M bobbin winder. N. V. Korol'kov. Bluz. tekhn. ekon. inform. Gos. nauch. i tekhn. nauch. i tekhn. inform. 19 no. 1:46-47. Ja. '66.

Static errors of indirect-type regulators of the tension of the coiling machines of cold rolling mills. V. P. Buzikov, I. U. S. Yavlin. Izv. vyz. ucheb. zav. i elektrotekh. 0 no. 3:301-316. '66.

Work of the thread-laying mechanism of the KB-250-I double-deck twisting machine. A. A. Markovich, G. A. Samarskii. Trudy LITTSI no. 17:265-263. '65.

Yarn winding on a cone bobbin at a steady rate of feeding. B. V. Savinov. Izv. vyz. ucheb. zav. i tekhn. tekhn. prod. no. 1:148-152. '66.

WINDOW FITTINGS

Russia (1923- U.S.S.R.) Glavnoe upravleniye po mezhrespublikanskim postavkam lesa i stroitel'nykh materialov. [Manual of window and door fittings] Spravochnik na oknnyye i dvernyye pribory. Sost. M. P. Burguchev. Pod red. A. G. Pogobova. Moskva, Stroiizdat, 1966. 134 p.

WINDOWS see subdivision under Soviet Central Asia

- WINDS**
(see also subdivision under Black Sea, Indian Ocean; Novolaznevskaia Station, Antarctica; Pacific Ocean, Pevek, Magadan Province)
Diurnal variation of the wind speed in the atmosphere. O. V. Reshetova. Trudy TSO no. 62, 115-121 '65.
Energy spectra of pulsations of wind speed in the free atmosphere. N. Z. Pinos. Meteor i gidrol no. 4, 3-11. Apr '66.
Heterogeneity of wind in the atmosphere and the parameters of mean motion. V. A. Patsaeva. Trudy TSO no. 62, 122-137 '65.
Study of the structure of the wind field of the free atmosphere near frontal zones. V. A. Patsaeva. Trudy TSO no. 62, 97-114 '65.
- WINE AND WINE MAKING**
(see also subdivision under Transcarpathia)
Natura, E. P., and P. M. Mal'nev. [Accelerated settling of bentonite suspensions by flocculents] Uskorennoe osazhdeniye bentonitovoi suspenzii flokulyantami. Moskva, TsINTPishcheprom, 1965, 17 p.
Zalate, I. N., R. V. Krushkova, and I. A. Petenko. [Economics, organization and planning of winemaking] Ekonomika, organizatsiia i planirovaniye vinodel'skogo proizvodstva. Moskva, Pishchevaia promyshlennost', 1964, 365 p.
(WU)
- WINE AND WINE MAKING—ANALYSIS**
Analysis of essential oil in wine. A. F. Pignatelli. Prikl. biokhim. i mikrobiol. 2 no. 2, 215-218. Mar-Apr '66.
- WINE AND WINE MAKING—MANAGEMENT** see subdivision under Moldavia
- WINGS**
Functional significance of some morphological characteristics of wing bones in birds. V. K. Stegannan. Biol. MOIP, Old Biol. 71 no. 1, 81-81. Jan-Feb '66.
- WINTER SPORTS**
Toward the 2d Winter Spartakiad of the Peoples of the U.S.S.R. Teori i prakt. fiz. kult. 20 no. 2, 17-18. Feb '66.
- WIRE**
Thermal hardening of low-carbon steel wire in the continuous process of rolling. P. S. Tsvetkov. Stal' 28 no. 2, 164-166. Feb '66.
- WIRE—CORROSION**
Effect of heavy pyridine bases on the etching and corrosion of rolled wire in sulfuric acid. L. M. Tal'kovskaya. Sbor. nauch. tr. Dnepr. inzh.-strol. inst. no. 25, 98-103. '62.
- WIRE ROPE—TESTING**
Determining the degree and nature of the wear of ropes of closed construction with their two-layer winding on the drum of a hoisting machine in vertical mine shafts. G. V. Veistakov, V. V. Petrov, A. N. Bredol'nyi. Ugol' 11 no. 3, 69-70. Mar '66.
- WIRE ROPE—VIBRATION**
Longitudinal cross-sectional vibration of flexible (wire rope) guides. N. G. Samoilov. Izv. vys. ucheb. zav. gor. zhur. 5 no. 11, 110-118. '62.
- WIRE-ROPE TRANSPORTATION** see Cableways
- WIREDRAWING**
[Hookup wire for radioelectronic equipment] Monitazhnye provedeniia radioelektronnoi apparatury. [By] A. I. Gol'dberg i dr. Moskva, Energiia, 1966, 231 p.
- WOLFRAMITE—CONGRESSES**
First All-Union conference on mineralogy, geochemistry, and the genesis of wolframite in the deposits of the U.S.S.R. V. P. Barabanov. Zap. Vses. min. ob.-va 65 no. 1, 116-118. '66.
- WOLLASTONITE**
Hydration properties of anorthite and pseudowollastonite. V. S. Gorshkov. Zhur. prikl. khim. 39 no. 2, 448-451. Feb '66.
- WOMEN** see subdivision under Africa; South Africa, Republic of
- WOMEN—EMPLOYMENT**
(see also subdivision under Africa)
Law safeguarding employed women. M. Mordvinova. Okhr. truda i sots. strakh. no. 3, 41-42. Mar '66.
A third of the labor force. Pierre Gensour. Vsem. prof. dyzh. no. 2, 1. Mar '66.
- WOMEN—RIGHTS OF WOMEN**
(see also subdivision under Caucasus, Northern; Poland)
Discussing the problem of the equality of women and men at the 13th session on the U.N. Commission on the Status of Women. E. N. Korshunova. Sov. gos. i pravo no. 8, 108-110. S. '66.
- Problem of the proletarian movement of women in Lenin's legacy. Zh. P. Tymchenko. Ukr. ist. zhur. 10 no. 3, 60-66. Mar '66.
- WOMEN, PHILIPPINE**
"Live!," the Dawn. Manuel Cruz. Am. i fr. zez. 9 no. 3, 8-9. Mar '66.
- WOMEN, UZBEK**
Soviet women. IA. Nasitdinova. Agitator 33 no. 3, 13-16. Feb '66.
- WOMEN AS ATHLETES**
Characteristics of the reaction of the cardiovascular system of women athletes to standard physical loads. G. A. Goshchikova. Teori i prakt. fiz. kult. 29 no. 3, 37-40. Mar '66.
Student who is a champion of Moscow. Sred. spets. obs. 14 no. 1, 55. Mar '66.
- WOMEN AS FARMERS** see Women in agriculture
- WOMEN AS JUDGES**
(see also subdivision under East Kazakhstan Province; Moscow)
An ordinary biography. V. Petriavskaya. Sots. zakon. 43 no. 3, 64. Mar '66.
- WOMEN AS LIBRARIANS**
Always in quest. R. Gurvich. Bibliotekar' 13 no. 3, 40. Mar '66.
Annushka. A. Shiganov. Bibliotekar' 43 no. 3, 39-40. Mar '66.
Those who teach other people must learn themselves. E. Zaporozhnev. Bibliotekar' 43 no. 3, 11. Mar '66.
- WOMEN AS PUBLIC PROSECUTORS**
Metel' Prokurator Gorbunova. II. Skvortsov. Sots. zakon. 43 no. 3, 53-51. Mar '66.
- WOMEN AS SOLDIERS**
Heroic women who participated in the Battle of the Dnieper. K. M. Shamko. Ukr. ist. zhur. 10 no. 3, 107-107. Mar '66.
- WOMEN IN AERONAUTICS**
Kalinina, M. Chechneva. Av. i kosm. no. 3, 87-89. Mar '66.
"Night witches." Elena Antonova. Optibab' 42 no. 3, 131-182. Mar '66.
A woman commander of a regiment. A. Vorkhozin. Kiy. red. 17 no. 3, 7-9. Mar '66.
- WOMEN IN AGRICULTURE**
A reserved seat. Mai Kotlarskii. Mol. komm. no. 1, 38-44. Jan '66.
- WOMEN IN LITERATURE** see subdivision under Poland
- WOMEN IN PHARMACY**
Woman's place and role in popular pharmacy. S. Kuznetsov. Apt. dolo 15 no. 1, 87-89. Jan-Feb '66.
- WOMEN IN RAFTING**
Usatova, the "pilot," a story about our good people. A. Mezentsov. Agitator 33 no. 4, 14. Feb '66.
- WOMEN IN THE JUDICIARY**
Our women. Sov. iust. 30 no. 5, 1-3. Mar '66.
- WOMEN IN THE MACHINERY INDUSTRY** see subdivision under Rybnik
- WOMEN IN THE TEXTILE INDUSTRY**
Is it the time to do house chores? No, it is the time to take a rest. V. Dmitrieva. Sov. profsoyuz 22 no. 6, 30-32. Mar '66.
- WOOD—CHEMISTRY**
Chemical composition of acid water produced in wood gasification. D. Tishchenko. Zhur. prikl. khim. 39 no. 2, 430-442. Feb '66.
Complex processing of resinous trunk wood. B. S. Filippov. Izv. vys. ucheb. zav. i les. zhur. 8 no. 6, 148-161. '65.
Reaction between sulfonic acids and alcohols. V. M. Nikitin, IA. V. Nikitin. Izv. vys. ucheb. zav. i les. zhur. 8 no. 6, 132-134. '65.
Study of the chemical processes taking place during the pressing of particle boards. Report No. 2: Effect of the curing agent on the chemical changes of wood components. G. F. Potulkin, G. L. Dranishnikov. Izv. vys. ucheb. zav. i les. zhur. 8 no. 6, 140-144. '65.
- WOOD—DRYING**
Studying the hydrodynamics of the drying of ground wood in a suspended state using special drying apparatus. G. G. Tikhonravova. Der. prom. 15 no. 2, 8-10. Feb '66.
- WOOD—HEAT TREATMENT**
Chemical composition of acid water produced in wood gasification. D. Tishchenko. Zhur. prikl. khim. 39 no. 2, 438-442. Feb '66.
- WOOD—MEASUREMENT**
Inductive profilograph for measuring unevenness on wood. F. Kulshresh, V. C. Shulin. Der. prom. 15 no. 2, 10-11. Feb '66.
- WOOD—MOISTURE**
Moisture absorption by birchwood after hydrothermal processing. T. M. Konepaleva, R. P. Molotsova. Der. prom. 15 no. 2, 11. Feb '66.
- WOOD—TESTING**
Determining the hardness of wood. L. P. Antonov. Siskola i protiv. 9 no. 3, 31-33. Mar '65.
- WOOD, COMPRESSED**
Study of the temperature regime of a compressed-wood antifriction layer in slide bearings. P. N. Khukhrin-ski, L. F. Lianin, D. I. Kishchev. Izv. vys. ucheb. zav. i les. zhur. 8 no. 6, 94-103. '65.
- WOOD ALCOHOL** see Methanol
- WOOD-DECAYING FUNGI**
Biosynthesis of some aromatic compounds by wood-decaying fungi. A. N. Shkryina, O. P. Nizkovskaya. Izv. AN SSSR, Ser. biol. no. 2, 287-294. Mar-Apr '66.
- WOOD DISTILLATION**
Some problems of the theory of wood pyrolysis. A. K. Slavianski. Izv. vys. ucheb. zav. i les. zhur. 8 no. 6, 127-131. '65.
- WOOD FINISHING**
Nagorskaya, I. A. [Wood finishing with paint materials] Odelka drevniny lakokrasochnymi materialami. Moskva, Khimlit, 1966, 233 p.
Studying the rheological characteristics of pore fillers for furniture as related to their machine application. N. M. Rozanova, N. B. Ustov, N. V. Mikhailov. Der. prom. 15 no. 3, 8-10. Mar '66.
Use of polycarbonate acrylate PU-214 lacquer for the finishing of wood on ships. IU. K. Matusev. Lakokras. mat. i prikl. prin. no. 1, 70-70. '66.
- WOOD TAR—ANALYSIS**
Analysis of settled wood tars and extraction from them of high-molecular acids. T. J. Fedorishchev, R. P. Rusakov. Gidroliz i lesokhim. prom. 10 no. 2, 16-17. '66.
- WOOD-USING INDUSTRIES**
Important tasks of the scientific technological society. S. G. Gorchukov. Der. prom. 15 no. 2, 1-2. Feb '66.
Socialist competition in honor of the 23d Congress of the CPSU. Gidroliz i lesokhim. prom. 19 no. 2, 1-2. '66.
- WOOD-USING INDUSTRIES—EQUIPMENT AND SUPPLIES**
Experience in overall mechanization and automation of wood pyrolysis processes. N. I. Sel'vostov, G. F. Tokishin. Gidroliz i lesokhim. prom. 19 no. 2, 20-22. '66.
- WOOD-USING INDUSTRIES—PRODUCTION STANDARDS**
Norms of lumber expenditures for the packing of paint materials. L. U. Pastylnik, A. K. Soboleva. Lakokras. mat. i prikl. prin. no. 1, 82-84. '66.
- WOOD-USING INDUSTRIES—RESEARCH**
Acceleration of technical progress in the lumbering, woodpulp and paper, and woodworking industries as an important task of the institutions of higher learning. Izv. vys. ucheb. zav. i les. zhur. 8 no. 6, 3-4. '65.
- WOOD WASTE**
Geometry of nominal-size shavings in milling. I. G. Korchiago. Izv. vys. ucheb. zav. i les. zhur. 8 no. 6, 120-125. '65.
- WOODHOUSEITE**
Supergene woodhouseite. O. S. Shalyt. Geot. zhur. 26 no. 1, 98-101. '66.
- WOODPULP**
Application of the ion exchange method for the removal of uligin from black liquor obtained in the sulfate pulping of larch. V. A. Grabovskii, A. B. Maishak. Trudy LTITSBP no. 17, 37-42. '65.
Baranov, N. A., and D. S. Dobrovolskii. [Technology and equipment of paper manufacture] Tekhnologiya i oborudovaniye bumazhnogo proizvodstva. Izd. 3., perer. i dop. Moskva, Lesnaya promyshlennost', 1966, 439 p.
Calorimetric unit for determining the thermal effect of the reaction of fibrous materials with fluids. N. E. Karasev, N. P. Dymarchuk, K. P. Mishchenko. Trudy LTITSBP no. 18, 139-144. '65.
Deformation of woodpulp under variable loads. V. P. Altkin, N. G. Filonenko. Trudy LTITSBP no. 17, 31-36. '65.
First stage of the sulfite delignification of wood. V. M. Nikitin, IA. V. Nikitin. Bum. prom. no. 3, 5-8. Mar '66.
General theory of the fractionating of cellulose fibers. V. V. Barsev. Trudy LTITSBP no. 17, 43-55. '65.
Mechanism of the "cornification" of industrial woodpulp. S. L. Talmud, L. N. Oshlovskaya, A. Feltsanova. Trudy LTITSBP no. 18, 204-209. '65.

WOODPULP (Continued)

Modification of the nuclear magnetic relaxometer for work based on the Carr and Purcell method. K. P. Mikhchenko, V. V. Kushchenko, Trudy LITTSBP no. 18:144-145 '65.

Physical chemistry of some processes in woodpulp and paper production. I. P. Filis, K. P. Mikhchenko, Trudy LITTSBP no. 18:15-23 '65.

Physicochemical analysis of the production of chlorine dioxide with the method developed by the Leningrad Technological Institute of the Woodpulp and Paper Industry. K. D. Dobryshin, Trudy LITTSBP no. 18:128-138 '65.

Potentiometric analysis of the reaction of black liquor with hydrogen sulfide and sulfur dioxide. I. E. Filis, T. A. Tumano, L. A. Kud'ga, Trudy LITTSBP no. 18:68-70 '65.

Producing fine chips instead of sawdust in sawing. I. P. Ostrom, Bum.prom. no. 2:9 '66.

Sulfate woodpulp for cardboard produced from firewood. I. S. Ivanova, S. I. Solov'eva, Bum.prom. no. 3:6-10 Mr '66.

Sulfite cooking of mixed deciduous and coniferous wood, L. S. Kuznetsov and others, Bum.prom. no. 2:3-5 F '66.

WOODPULP INDUSTRY

(see also subdivision under Kotlas, Perm)

Complex processing of resinous trunk wood. B. S. Filippov, Izv. vuz. ucheb. zav., les. zhur. 8 no. 6:148-151 '65.

Don't stop on your achievements. E. Triapitsyn, Ekon. stroi. no. 8:36-37 Ag '64.

Equilibrium concentrations of sulfur-containing gases in relation to the decontamination of atmospheric waste waters of woodpulp and paper industries. O. I. Sokolova, V. F. Maksimov, Trudy LITTSBP no. 17:122-129 '65.

Floation-type "Savella" catcher. M. M. Dymshits, Bum.prom. no. 3:23 Mr '65.

Namesnikov, I. V., and V. F. Maksimov, [Fundamentals of safety engineering, industrial sanitation and fire prevention in woodpulp and paper industries]. Osnovy tekhniki bezopasnosti, promyshlennoi sanitarii i protivopozharnoi tekhniki v tsellulozno-bumazhnoi promyshlennosti, Moskva, Leningradskaya promyshlennost', 1965, 96 p.

Production of viscose fibers by means of the moist woodpulp processing method. S. L. Talmud, M. S. Dolzhan-skaya, Trudy LITTSBP no. 15:221-226 '65.

WOODPULP INDUSTRY—BY-PRODUCTS

(see also subdivision under Archangel Province)

New by-products from the toxic industrial wastes of sulfate woodpulp plants. V. G. Yedernikov, V. F. Maksimov, Trudy LITTSBP no. 17:99-101 '65.

Thermodynamics and mechanism of high-temperature processes of the recovery of magnesium bases. A. D. Volkov, Trudy LITTSBP no. 17:89-95 '65.

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

Automation of continuous sulfate pulp washing in vacuum filters. A. M. Glusman, E. I. Perlov, Bum.prom. no. 2:12-14 F '65.

Indices of the utilization of industrial equipment in woodpulp enterprises. M. I. Ivcher, Trudy LITTSBP no. 17:152-157 '65.

Linter cooking in a hydropulper. L. A. Kolosov, A. R. Abdikhanov, I. U. L. Pogosov, Bum.prom. no. 2:24-25 F '65.

Technology and equipment of the woodpulp, paper, and printing industry. Ref. zhur.: Tekhn. i obrab. lesn.-bum. i poligr. prom., no. 2 F '66.

Use of rotary worm machinery for operations in outdoor chip storages. A. I. Il'ichev, Bum.prom. no. 3:16 Mr '65.

WOODWORK—STUDY AND TEACHING

Meeting devoted to the subject "Physics in woodwork." V. V. Kolotilov, A. M. Sustoparov, Shkola i proizvod. no. 3:80-81 Mr '65.

WOODWORKERS—DISEASES AND HYGIENE

Improving work conditions in woodworking shops. A. M. Mikulinskii, T. Z. Rogovata, Der.prom. no. 15 no. 3:25 Mr '66.

WOODWORKING INDUSTRIES

Makovskii, N. V., [Fundamentals of the automation of the woodworking industries]. Osnovy avtomatizatsii derevoobrabatvalushchego proizvodstva, Moskva, Legkaya promyshlennost', 1966, 338 p.

WOODWORKING INDUSTRIES—ACCOUNTING

Methodology of accounting for changes in the production volume of woodworking industries. V. E. Van'kov, Der.prom. no. 15 no. 3:17-18 Mr '66.

WOODWORKING INDUSTRIES—ELECTRIC EQUIPMENT

Ways of further electrification in the woodworking industries. I. R. Bel'skii, Der.prom. no. 15 no. 3:1-2 Mr '66.

WOODWORKING MACHINERY

Critical speeds on the spindle unit of universal FA-4 wood milling machines. I. U. P. Efimov, Der.prom. no. 15 no. 3:11 Mr '66.

Modernization of the KF-7 edge-joining machine. V. I. Vasilov, V. S. Bystrov, Der.prom. no. 15 no. 3:26 Mr '66.

WOODWORKING MACHINERY—PATENTS

Development of inventions and the patent information in the U.S.S.R. E. A. Pavlov, Izv. vuz. ucheb. zav., les. zhur. 8 no. 6:168-171 '65.

WOODY PLANTS

Akademika nauk SSSR, Botanicheskii institut, [Trees and shrubs of the U.S.S.R.] Derev'ia i kustarniki SSSR, Moskva, Nauka.

Vol. 7. S. I. A. Sokolov and O. A. Sviatova, [Geography of the woody plants of the U.S.S.R.], Geografika drevnykh rastenii SSSR, 1963, 263 p.

WOOL—QUALITY CONTROL

The sheep is a natural laboratory. Z. Oparina, Zakup. sel'khoz. prod. no. 6:26 Je '65.

WOOL—TESTING

Laboratories and the quality of wool. M. Borisova, E. Deikman, Sov. poireb. koop. no. 10 no. 2:26-28 F '66.

WOOL COMBING

Characteristics of noll roller combing machines with metallic wire clothing. V. P. Grachev and others, Tekst.prom. no. 28 no. 3:21-24 Mr '66.

WOOL INDUSTRY see subdivision under Chuvashia

WOOLEN AND WORSTED MANUFACTURE

Use of capon self-blended yarn in half-woolen worsted fabrics. M. S. Putindova, L. G. Lettes, Izv. vuz. ucheb. zav., tekhn. tekst. prom. no. 1:14-18 '66.

WOOLEN AND WORSTED MANUFACTURE—EQUIPMENT AND SUPPLIES

Calculation of countercurrent systems and methods of their control in wool scouring. N. V. Rogachev, Tekst. prom. no. 28 no. 3:77-82 Mr '66.

WOOLEN AND WORSTED MANUFACTURE—PRODUCTION STANDARDS

Determining labor requirements for production in a worsted cloth factory. V. A. Tatur, Tekst.prom. no. 28 no. 3:8-8 Mr '66.

WOOLEN AND WORSTED SPINNING

Lipenkov, I. A., [Equipment and technology of wool spinning]. Oboorudovanie i tekhnologiya sherstoprindil'nogo proizvodstva, Moskva, Legkaya industriya, 1966, 519 p.

WOOLLY APPLE APHID see subdivision under Moldavia

WORDS FOR COLORS see Colors, Words for

WORK—PSYCHOLOGICAL ASPECTS

Training of attention is a condition of scientific labor organization. A. Kataev, Sois. trud. it no. 3:80-81 Mr '66.

With concern for man. V. Vasil'ev, Sov. profsoyuzy no. 22 no. 8:27-29 Mr '66.

WORK CLOTHES

Work clothes. A. Ochakovskaya, Ekon. i zhizn' no. 1: 88 Ja '66.

Work clothes. D. G. Golev, Sov. poireb. koop. no. 10 no. 3: 64 Mr '66.

Work clothes for workers engaged in cleaning tanks. F. A. Arustanova, F. B. Gasanova, Transp. i khran. nefli i nefteprod. no. 1:25-26 '66.

WORK FUNCTION (PHYSICS)

Work function of carbides of high-melting metals in cesium vapors. V. G. Bol'shev, Zhur. tekhn. fiz. no. 30 no. 2, 331-337 F '66.

WORK MEASUREMENT

Evaluation of the work complexity of engineering and technical workers and employees. I. Orlovskii, I. U. Koshin, Sois. trud. it no. 3:50-58 Mr '66.

WORK SAMPLING

Factors for determining credible probabilities in studying the working time by the method of momentary observations. T. S. Smol'tankin, G. A. Son'ko, Ekon. i ekapl. mor. transp. no. 2:99-103 '65.

Methodology of determining the degree of accuracy in studying the working time by the method of momentary observations. G. A. Son'ko, Ekon. i ekapl. mor. transp. no. 2:103-105 '65.

WORKBOATS

PN-1 ferryboat for transporting construction equipment. Stroit. truboprov. no. 10 no. 5:34 My '65.

Spitkovskii, M. I., [Vessels of the dredging and auxiliary fleet]. Suda tekhnicheskogo i vospomogatel'nogo flota, Moskva, Transport, 1965, 204 p.

WORKMEN'S COMPENSATION see Employers' Liability

WORKS COUNCILS

(see also subdivision under Austria)

Activities of the Permanent Production Council, I. I. Shetnikov, Razved. i okh. med. no. 31 no. 12:51-56 N '65.

[For the aid of the trade-union factory and plant committees] Voprosykh komitsetov TZhMK, [Moskva] Profizdat, 1966, 60 p. (Biblioteka profsoyuzn. aktivista, no. 6(126)).

Guarantee of efficiency. I. Chumikhin, Sov. profsoyuzy no. 22 no. 6:16-18 Mr '66.

The guidance of production conferences and meetings by the party organizations of Moscow and Leningrad during the second five-year plan, 1933-1937. A. Il'ichev, Uch. zap. MOPI no. 111-112 '63.

The plant committee and the scientific organization of labor. K. Nikolaev, Sov. profsoyuzy no. 22 no. 1:7-8 F '66.

WORLD COUNCIL OF CHURCHES

Election of the new Secretary General of the World Council of Churches. Zhur. Mosk. Patri. no. 3:4-7 '66.

Meeting of the Central Committee of the World Council of Churches. Zhur. Mosk. Patri. no. 3:5-6 '66.

WORLD POLITICS

Current problems of world politics. Mir, ekon. i mezhdunar. otn. no. 4:77-95 '66.

The Havana Conference is the rallying point of anti-imperialist forces. I. U. Bochkarev, Kommunist no. 12 no. 3: 100-100 F '66.

International notes, Nov. vrem. no. 23 no. 13:76-77 Mr '66.

International notes, Nov. vrem. no. 23 no. 11:20-20 Ap '66.

International notes, Nov. vrem. no. 23 no. 15:20-27 Ap '66.

International notes, Nov. vrem. no. 23 no. 10:26-27 Ap '66.

International notes, Nov. vrem. no. 23 no. 17:23-21 Ap '64.

International review. V. Matveev, Mezhdunar. zhizn' no. 13 no. 1:135-140 '66.

Kobrin, M. M., [The international situation today]. Mezhdunarodnye položeniye segodnya, Moskva, Pravda, 1965, 31 p. (Voprosykh' razmatyvat'sya v shtatno partinnoye uchebny. Biblioteka "U politicheskoi teorii mira," no. 1).

Lenin's ideas live and conquer! Moi sobor. no. 10 no. 1:13-7 Ap '66.

Nasty profsoyuzn. V. Koshchikov, Ekspert no. 3:211-218 Mr '66.

A review of international events. I. U. Shvedkov, Ekspert no. 3:3-35-38 F '66.

The struggle against neocolonialism is a matter for all nations. G. Starushenko, Kommunist no. 12 no. 3:100-111 F '66.

[Under the glorious banner of communism and peace] Pod volikim znamenem kommunizma i mira, Moskva, Pravda, 1966, 430 p. (Biblioteka "Pravdy")

Unity and diversity. Fritz Glauhauf, Nov. vrem. no. 23 no. 16:3-5 Ap '66.

WORLD WAR, 1939-1945

(see also subdivision under Archangel Province; Arctic regions; Austria; Azerbaijan; Baltic Sea; Khabarovsk Territory; Laung Lake region; Leningrad Province; Lithuania; Norway; Philippines; Smolensk; Smolensk Province; Tula Province; Ukraine; Voronezh Province; White Russia)

The Communist Party as organizer of the patriotic movement of workers for helping the front forces during the early period of the Great Patriotic War. M. I. Il'ichev, nov. Vest. LGU no. 2:5-14 '66.

The Communist Party during the Great Patriotic War, June 1941-1945, M. Shatalin, Komm. Vooruzh. Sil no. 4:74-82 Mr '66.

A fiery battering ram. S. Sukhachev, Voenn.-ist. zhur. no. 3:59-63 Mr '66.

[Her name was a password] No imia bylo parolem, Moskva, Pravda, 1966, 70 p. (Biblioteka "Kommunist'skoi pravdy," no. 4).

Heroic battles of our people; Victory Day. Agitator no. 8:27-30 Mr '66.

Simonov, K. M., [Each day was long; from the war diaries of 1941-1945] Kazhdyl den' — dlinny; iz voennykh dnevnikov 1941-1945 godov, Moskva, Sovetskaya Rossiya, 1965, 154 p.

These are the results of our initiative. A. Titov, Komm. Vooruzh. Sil no. 7:82 Ap '66.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Mincev, N. F., [The first victory] Pervaya pobeda, Moskva, Voenizdat, 1966, 94 p. (Gorol i podvig)

WORLD WAR, 1939-1945—CAMPAIGNS

Special features of the strategic offensive of the Soviet Armed Forces during the Great Patriotic War. N. Pavlenko, Voenn.-ist. zhur. no. 8 no. 3:9-23 Mr '66.

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

- Nam. = on the memorial board G. M. Vasil'ev, V. S. D'ichev. *Voen.-med zhur.* no. 2:8-10 F '66.
Room of the combat glory of medical personnel. I. L. Zlotkin. *Voen.-med zhur.* no. 2:11-12 F '66.

WORLD WAR, 1939-1945—NAVAL OPERATIONS

- Naval operations in ice-infested waters. A. I. Dubravin. *Sudostroenie* 55 no. 2:76-70 F '66.

WORLD WAR, 1939-1945—NAVAL OPERATIONS—SUBMARINE

- Following the steps of fathers. I. Khakhadadov. *Sov. p'ofessury* 22 no. 3:22-23, 34-35 F '66.
Karl Doenitz' memorandum on the conduct of submarine warfare. *Voen.-ist. zhur.* 8 no. 3:74-79 Mr '66.

WORLD WAR, 1939-1945—OCCUPIED TERRITORIES

- Nazi plans for the enslavement and extermination of the peoples of the U. S. S. R., based on the documentary materials from Heinrich Himmler's secret archives. *Cont'mis Annot. Ist. SSSR* 10 no. 2:163-188 Mr-Apr '66.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

- Defender of the fortress of Brest. V. I. Ust'ov. *Prof. tekhn. obr.* 23 no. 2:15-16 F '66.
Lelushenko, D. D. [Dawn of victory] *Zaria pobedy, Moskva, Voenizdat*, 1966. 140 p. (Voennoye menuary)

WORLD WAR, 1939-1945—PRISONERS AND PRISONS, GERMAN

- The Communist underground as the organizer and leader of anti-fascist struggle in the camps of death in the Ukraine. M. M. Lomoshchuk. *Ukr. inst. zhur.* 10 no. 2:73-81 F '66.

- Smirnov, S. S. [True stories of the great war] *Byli Volki volny Moskva, Sovetskaya Rossiya*, 1966. 231 p. illus.

WORLD WAR, 1939-1945—REGIMENTAL HISTORIES

- "Night witches." Raisa Antonova. *Otkinbi* 42 no. 3:131-182 Mr '66.

- Zubarev, S. P. [In the name of the Communist Youth League of Udmurtia; from the campaign history of the 174th Separate Tank Destroyer Battalion named after the Communist Youth League of Udmurtia] *Imeni komсомолa Udmurtii; iz istorii boevogo puti 174-go Otdel'nogo Istrebitel'nogo protivotankovogo diviziona imeni komсомолa Udmurtii. Izhevsk, "Udmurtiia," 1965. 71 p. (CSH)*

WORLD WAR, 1939-1945—TRANSPORTATION

- The Moscow party organization at the forefront of the heroic work of the railroad employees of our capital city during the conclusive phase of the Great Patriotic War. P. Z. Smirnov. *Trudy MIT* no. 204:102-114 '66.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

- More powerful than shells. V. Polakov. *Av. i kosm.* 44 no. 5:6-8 '62.

- Operation at station "D." S. Strel'tsov. *Sov. voen.* 47 no. 10:33 O '65.

- Smirnov, S. S. [True stories of the great war] *Byli Volki volny Moskva, Sovetskaya Rossiya*, 1966. 231 p. illus.

WORMS, INTESTINAL AND PARASITIC

- (see also subdivision under Brzali, Lake; Chuvashia, Khanlar, Azerbaidzhan; Kishinev; Russia, Northwestern; Zaporozh'ye Province)
Course of *Salmonella* breslau infection in patients with helminthiasis. T. S. Ia. Minsburg. *Trudy Kish. gos. med. inst.* 14:109-102 '61.
Effect of helminthiasis on the course of typhoid and paratyphoid diseases. K. T. Tishchenko. *Trudy Kish. gos. med. inst.* 14:155-188 '61.

WORMWOOD see subdivision under Caucasus

WOUNDS

- Changes in the temperature, electric potentials and tissue respiration in wounds of the soft tissues. L. T. Strokach. *Klin. khir.* no. 6:33-35 '66.

WOUNDS—MICROBIOLOGY

- Sensitivity of wound staphylococci to antibacterial agents. V. M. Svetovidova. *Antibiotiki* 11 no. 3:273-278 Mr '66.

WRANGLER ISLAND see Vrangol' Island

WRENCHES

- Using wrenches in dismantling machines. I. Storchak. P. Chernenko. *Tekhn. v sel'khoz.* 20 no. 3:85 Mr '66.

WRIST

- Characteristics of the age-related reconstruction of the wrist in the representatives of some labor groups. K. I. Mashkova. *Arkh. anat., gist. i embr.* 50 no. 1:3-10 Ja '68.

X-RAY CRYSTALLOGRAPHY

- A compound with a structure of the W_6F_{19} type in the system Mo—Ni—Si. R. V. Skolozdra, I. E. Hladysheva'skiy, P. I. Kryplakevych. *Ukr. fiz. zhur.* 11 no. 2:208-208 F '66.
Crystallinity of poly-2, 2'-octamethylene-5, 5'-dibenzimidazole. B. M. Ginzburg and others. *Vysokom. soed.* 8 no. 2:275-281 F '66.
Interaction between the linear thermal expansion coefficient α and the growth index G . V. V. Kunchenko, N. M. Roenko. *Atom. energ.* 20 no. 2:166-170 F '66.
Width of X-ray lines of polycrystals of mosaic structures. E. D. Okun'. *Dokl. AN SSSR* 10 no. 2:83-86 F '66.
X-ray diffraction determination of the degree of crystallinity of radiation-chlorinated and sulfochlorinated polyethylene. R. V. Dzhangalspandan and others. *Vysokom. soed.* 8 no. 2:193-197 F '66.

X-RAY DIFFRACTION EXAMINATION

- Crystallooptical and X-ray diffraction examination of the products of zinc sulfate thermal decomposition. N. P. Starikov and others. *Sborn. nauch. stud. Perm. politich. inst.* no. 10:53-56 '61.
Methods for a rapid calculation of debyeograms. O. L. Lytyyn, A. A. Patimina. *Geol. zhur.* 25 no. 6:72-75 '65.

- Phase and structural changes in impact-deformed carbon steels. M. V. Blizina, L. M. Mui'takh, V. H. Pormakov. *Ukr. fiz. zhur.* 11 no. 2:225 F '66.

- X-ray diffraction examination of the products of crystallization in the systems $POCl_3 - TiCl_4$ ($ZrCl_4$, $HfCl_4$, $SnCl_4$). B. A. Volkovich and others. *Ukr. khim. zhur.* 32 no. 2:167-173 '66.

- X-ray structural analysis of globular proteins. B. K. Valnshteyn. *Usp. fiz. nauk* 88 no. 3:527-505 Mr '66.

- X-ray structural examination of some alloys of the systems Zr - Fe and Zr - Co. I. U. B. Kuz'ma and others. *Izv. AN SSSR Neorg. mat.* 2 no. 2:259-263 F '66.

- X-ray studies of chrysotile asbestos. O. A. Kovalev, Zap. Vses. min. ob-va 85 no. 3:70-75 '66.

- X-ray study of the atomic scattering of components and defects of the structure of titanium carbide. M. P. Arbutov, B. V. Khasenko. *Porosh. mat.* 6 no. 3:64-70 Mr '66.

X-RAY SPECTROSCOPY

- Composition of solid sediments in some gaseous-liquid inclusions in morion based on X-ray spectrum point analysis. E. I. Dulomanova and others. *Dokl. AN SSSR* 167 no. 1:176-178 M '66.

X RAYS

- Effect of X radiation on the electroconductivity of liquid organic photoconductors. I. U. A. Kopylov, T. N. Trofimova. *Izv. vys. ucheb. zav. fiz.* 9 no. 1:65-62 '66.

X RAYS—DIFFRACTION

- Electron-optical recording of X-ray diffraction. T. D. Mokul'skaya, M. A. Mokul'skii. *Dokl. AN SSSR* 166 no. 4:836-838 F '66.

- X RAYS—EFFECT ON PLANTS see Plants, Effect of x-rays on

X RAYS—INDUSTRIAL APPLICATIONS

- X-ray equipment for detecting flaws in welds. E. S. Baran, V. I. Galaktionov. *Avtom. svar.* 18 no. 1:69-72 Ja '66.
X-ray investigation of the formation stage of petroleum coke. M. P. Galikharov, M. I. Medvedeva, M. E. Levinter. *Neftep. i neftekhim.* no. 2:17-30 '65.

X RAYS—PHYSIOLOGICAL EFFECT

- Age-related changes in the mitotic activity and the rate of restoration of marrow cell populations in healthy mice and following X-ray irradiation. I. U. S. Bocharov, V. P. Savitskii. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 4 no. 1:82-88 Ja-F '66.

- Characteristics of the shifts in protein metabolism following X-ray irradiation of major parts of the body. K. V. Ostashev, G. N. Maksimova. *Radiobiologiya* 6 no. 1:145-148 '66.

- Cholesterol protein complexes of the blood in irradiated dog. T. Ia. Polosukhina, T. M. Al'zhanova. *Ukr. biokhim. zhur.* 38 no. 1:3-8 '66.

- Combined action of X rays and streptomycin on the mutability of *Chlorella*. V. V. Tugarinov, V. V. Kuznetsov. *Genetika* 2 no. 2:57-63 '66.

- Effect of small doses of X-ray irradiation on the coagulating and anticoagulating system of the blood. M. F. Rzaev. *Azerb. med. zhur.* 43 no. 3:15-18 Mr '66.

- Effect of whole-body X-ray irradiation on the content of 17-hydroxycorticosteroids in the peripheral blood of dogs. E. K. Shkhefnek. *Radiobiologiya* 6 no. 1:48-49 '66.

- Effect of X-ray irradiation on the cytochrome systems of yeast organisms. N. A. Ponomorenko, E. N. Mokhova, V. G. Leonova. *Radiobiologiya* 6 no. 1:13-16 '66.

- Effect of X rays and embilol on the aldolase activity in the blood. V. O. Musilko. *Ukr. biokhim. zhur.* 38 no. 1:55-58 '66.

- Effect of X rays on DNA content in the cell nuclei of a frog embryo. N. A. Gelaev. *Soob. AN Gruz. SSR* 41 no. 1:191-198 Ja '68.

- Effect of X rays on the esterase activity of the blood serum of white rats. N. P. Bulskii. *Radiobiologiya* 6 no. 1:27-29 '66.

- Glycogen and ribonucleic acid content and phagocytic activity of leucocytes following X-ray irradiation of rabbits. I. V. Savitskii, I. V. Zaretokina, L. M. Shafran. *Radiobiologiya* 6 no. 1:17-19 '66.

- Mechanism of the restitution of the regenerative capacity suppressed by X-ray irradiation. L. V. Polezhaev. *Izv. AN SSSR, Ser. biol.* no. 2:254-255 Mr-Apr '66.

- Nuclear processes in the conjugation of *Paramecium* following previous X-ray irradiation. N. E. Kovaleva, A. V. Lankovskii. *TSitologiya* 8 no. 1:80-89 Ja-F '66.

- Restoration of the chick thymus lymphoid tissue following whole-body and local X-ray irradiation. I. U. P. Khussar. *Radiobiologiya* 6 no. 1:50-54 '66.

- Rules for the determination of penetrating doses of X-ray irradiation. A. N. Krugauz, N. Sh. Shagimardanov. *Med. rad.* 11 no. 3:70-73 Mr '66.

- Study of the reflex excitability of the solar plexus ganglia at the early stages of X-ray irradiation. N. F. Maiforova. *Radiobiologiya* 6 no. 1:73-77 '66.

- System of the reaction of biological objects to irradiation (as exemplified by granary weevils). L. B. Bychkovskaya, G. K. Oshinskaya. *Zool. zhur.* 45 no. 1:134-137 '66.

X RAYS—THERAPEUTIC USE

- Clinicodosemetric substantiation of methods for large focus skin distance X-ray therapy in uterine tumors. R. V. Slavitskii and others. *Med. rad.* 11 no. 3:12-19 Mr '66.

- Optimal conditions for small focus skin distance X-ray therapy in cancer of the vulva using the RUM-7 apparatus. A. V. Frolova, V. D. Lazurkina. *Med. rad.* 11 no. 3:10-22 Mr '66.

- X-ray therapy in gastric cancer through a lead retractor. I. U. I. Karlov. *Med. rad.* 11 no. 2:15-19 F '66.

- X-ray treatment of patients with postoperative inflammatory infiltrates. V. I. Tashkinov. *Med. rad.* 11 no. 2:27-33 F '66.

XANTHOPHYLL

- Light reaction of the transformation of xanthophylls in a homogenate. D. I. Sapozhnikov, D. Tolibekov, L. R. Kolotova. *Dokl. AN Tadzh. SSR* 9 no. 1:44-46 '66.

XENON OXIDE

- Formation of XeO_3 during beta-decay of Iodine-131 in the composition of HfO_3 and H_2O . I. S. Kirin and others. *Radiokhimiya* 8 no. 1:104-109 '66.

XEROGRAPHY

- Devices for fixing the image in electrophotographic equipment. L. V. Anfilov. *Trudy NIIPoligrafmash* no. 28:3-11 '64.

- Electrophotographic method for publishing mine surveying plans. I. U. P. Okulov. *Izv. vys. ucheb. zav. gor. zhur.* 5 no. 11:33-39 '62.

- Regimes of transmitting the image in electrophotography. I. V. Anfilov. *Trudy NIIPoligrafmash* no. 28:12-19 '64.

- Some characteristics of the formation of an electrophotographic image on selenium layers covered with dielectric film. I. U. N. Barulin. *Trudy NIIPoligrafmash* no. 28:20-25 '64.

- Some problems in the kinetics of the charging of electrophotographic layers. *Trudy NIIPoligrafmash* no. 28:26-44 '64.

- Study of the characteristics of a tri-electrode charging device. I. U. L. Kirsner. *Trudy NIIPoligrafmash* no. 28:45-59 '64.

XYLENE

- Oxidation of isopropyl-m-xylene. A. V. Bondarenko and others. *Zhur. prikl. khim.* 39 no. 2:404-409 F '66.

- Some properties of aluminum bromide solutions in xylene. L. E. Simonovich, A. M. Levinskaya. *Elektrokhimiya* 2 no. 3:353-355 Mr '66.

XYLITOL—SPECTRA

- Infrared absorption spectra of methylene acetals of xylitol and some model compounds. A. N. Anikeeva and others. *Zhur. ob. khim.* 39 no. 2:194-198 F '66.

XYLOSE

- Hydrogenation of xylose hydrolyzates in the presence of suspended catalysts. I. U. Mametov, N. A. Vasilina, A. A. Balandin. *Gidroliz. i isokhlim. prom.* 18 no. 2:10-11 '66.

XYLOSE—OPTICAL PROPERTIES

- Mutarotation of α -D-xylose. K. Dzhandabaev, L. M. Koronova, R. I. Kozhakmetova. *Khim. prirod. soed.* no. 3:168-171 '65.

YAKUTIA—ACQUISITIONS (LIBRARIES)

- It's the wrong way to acquire the books. T. Zharnaeva. *Bibliotekar* 43 no. 3:21-23 Mr '66.

YAKUTIA—AIR PILOTS

- Kyckhin, I. S. [Indefatigable worker of the blue road] *Truzhenik goluboi dorogi. Iakutsk, Iakutskoe knizhnoe izd-vo*, 1965. 62 p.

- YAKUTIA—ALTITUDES—MEASUREMENT**
Mapping surveying points in open mountainous regions
M. S. Krugler, Geol. izvestiya no. 11-17-51 '65
- YAKUTIA—ECONOMIC CONDITIONS**
Land of diamonds and gold. A. G. Gribchenko, Sov. profsoyuz-
no. 22 no. 3, 17-18 '65
- YAKUTIA—GEOLOGY, STRUCTURAL**
Effect of recent tectonics on the formation and distribution
of icing in northeastern Yakutia. O. N. Tolstikhin
Geol. izvestiya no. 9, 75-83 '65
- YAKUTIA—ICE**
Effect of recent tectonics on the formation and distribution
of icing in northeastern Yakutia. O. N. Tolstikhin
Geol. izvestiya no. 9, 75-83 '65
- YAKUTIA—NATURAL RESOURCES**
Use the natural resources of Yakutia efficiently.
V. Melnikov, Plan khoz. 43 no. 1:17-22 Apr '65
- YAKUTIA—PHYSICAL GEOGRAPHY**
Averina, L. M., and others. [Northern Yakutia, physico-
geographical characteristics] Severnaya Yakutiya, fiziko-
geograficheskiye kharakteristika. Leningrad, Moraskol
transport, 1962. 279 p. (Leningrad, Arkhticheskii i ant-
arkhticheskii nauchno-issledovatel'skii institut Trudy,
vol. 238)
- YALTA—WATER SUPPLY**
Construction of hydraulic tunnel of great length from
both ends. A. N. Alifirov, Energ. stroit. no. 44, 36-12
'64.
- YAMA REGION (DONETSK PROVINCE)—STOPING
(MINING)**
Efficiency of using metallic supports in mine stopes of the
Yama Dolomite Combine. A. V. Kovalenko and others,
Ogneupory 31 no. 2:32-34 '65.
- YAMAROVKA REGION (CHITA PROVINCE)—BULL-
FINCHES**
Biology of the bullfinch Pyrrhula pyrrhula cinerea in
Transbaikalia. M. A. Omel'ko, Zap. Primor. fil. Geog.
obshch. SSSR no. 1:161-163 '65.
- YANGI-YUL' (UZBEKISTAN)—CONFECTIONERY
INDUSTRY**
Five more steps forward. Ekon. i zhizn' 8 no. 2:49
'66.
- YARN**
Design and calculation of the properties of yarn made from
a mixture of nonhomogeneous fibers. I. U. F. Moisin, Leh
prom. no. 18-12 Ja-F '66
- YARN—DYEING**
Dyeing of a cylindrical layer of linen yarn under conditions
of atmospheric and increased pressure. G. N. Morozov,
Izv. vys. ucheb. zav. i tekhn. tekst. prom. no. 1:36-41 '66.
- YARN—TESTING**
Borodin, A. I. [High-speed rewinding of warp yarn
from the cop, analysis of the process] Vysokoskorost-
noe perematyvaniye osnovnoi prizhni s pochatka;
issledovaniye protsessov. Moskva, Legkaya industriya,
1965. 193 p.
Effect of lower numbers of card sliver and lap for high-
draft drawing machines on the quality of yarn. A. L.
Feigenberg, Tekst. prom. 26 no. 3:14-17 Mr '66.
Effect of the fibrous composition of yarn on its cross sec-
tion dimensions. M. D. Men'shikova, Izv. vys. ucheb.
zav. i tekhn. tekst. prom. no. 1:19-24 '65.
Some physicochemical properties of bulked yarn. L. S.
Smirnov, S. S. Polokhova, Tekst. prom. 26 no. 3:71-72
Mr '66.
- YAROSLAVL—ELECTRIC EQUIPMENT INDUSTRY—
TECHNOLOGICAL INNOVATIONS**
Plant-manager-scientific technological society. S. Volog-
din, NTO 8 no. 2:40-41 F '66.
- YAROSLAVL PROVINCE—ARCHITECTURE**
Rapun, Mikhail. [Stone tales; treasures of early Rus-
sian architecture in Yaroslavl Province] Kamennyye
skazy; skrovishcha drevnei russkoi arkhitektury Yar-
oslavskoi oblasti. Yaroslavl, Verkhne-Volzhske knizh-
noe izd-vo, 1965. 234 p. illus.
- YAROSLAVL PROVINCE—COOPERATIVE SOCIETIES—
OFFICIALS AND EMPLOYEES**
Responsible role of an instructor. V. Letavin, Sov. potre-
b. koop. 10 no. 2:29-30 F '66.
- YAROSLAVL PROVINCE—DISTRIBUTIVE EDUCATION**
Experience plus knowledge. M. Damin, A. Vikulov, Sov.
poireb. koop. 10 no. 2:22-23 F '66.
- YAROSLAVL PROVINCE—LIBRARIES AND READERS**
Education of readers is our foremost objective. V. Iar-
isav, Bibliotekar' 43 no. 3:45-47 Mr '66.
- YAROSLAVL PROVINCE—PEAT INDUSTRY—
MANAGEMENT**
Start of the scientific organization of work in the enter-
prises of the Yargostor' Trust. Torf. prom. 43 no. 1:
42-44 '66.
- YEAST**
Egorova, A. G., and others. [Manufacture of round solo
bread from coarse rye flour in Mavskoy system
bakeries] Proizvodstvo podovogo kugloto khlaba iz
rzhanoi obilnoi muki na khlebozavodskoi sistemy
Mavskaya. Moskva, TsINTIplacheprom, 1965. 18 p.
Yeast growing VDA-100 and VDA30 apparatus. N. I.
Derkanosov, M. P. Osipov, Khleb. i kond. prom. 10
no. 3 28-30 Mr '66.
- YEAST—CULTURES AND CULTURE MEDIA**
Change in the sensitivity of yeast cells to ultraviolet
rays as related to the phase of growth and acration con-
ditions. K. A. Samoilova, N. M. Mityushova, O. V. Mali-
novskii, Dokl. AN SSSR 166 no. 5 1230-1232 F '66
Determination of intercellular volume and intracellular
water in food yeast with the help of deuterium. A. S.
Vecher, S. I. Kurbatova, Pribl. biokhimi. i mikrobiol.
2 no. 1:110-112 Ja-F '66.
Effect of protein synthesis inhibiting antibiotics on the
structural organization of yeast cells. L. A. Shevchenko,
V. I. Birluzova, M. N. Molodtsov, Mikrobiologiya 35
no. 1 85-91 Ja-F '66
Relation of different taxonomic yeast groups to the hydro-
carbons of oil fractions. V. I. Rudnitsky and others,
Mikrobiologiya 34 no. 6 999-1002 N-D '65
Study of the effect of aeration and cultivation temperature
on the activity of protease, catalase, and peroxidase
in yeasts. K. I. Rizvanov, I. V. Simionova, Pribl.
biokhimi. i mikrobiol. 2 no. 1:63-67 Ja-F '66.
- YEAST AS FEED**
Additional raw material sources for hydrolysis plants.
M. I. U. Kamenkovich, Gidroliz. i lesookhm. prom. 19
no. 2:30 '66.
Production of vitaminized yeast (D₂) in bakeries. F. D.
Deineha, Khar. prom. no. 1:18-19 Ja-F '66.
- YEGOR'YEVSK (MOSCOW PROVINCE)—MACHINE-
TOOL INDUSTRY**
Yegor'yevsk Machine-Tool Plant. I. Artamonov, NTO 8
no. 3:13-15 Mr '66.
- YELLOW SEA—SEA LEVEL**
Influence of horizontal turbulent friction on the tidal
variations of sea level. B. A. Kagan, A. V. Nekrasov,
R. E. Tamsala, Izv. AN SSSR, Fiz. atm. i okeana 2
no. 2:171-182 F '66
- YELLOW SEA—TIDES**
Influence of horizontal turbulent friction on the tidal
variations of sea level. B. A. Kagan, A. V. Nekrasov,
R. E. Tamsala, Izv. AN SSSR, Fiz. atm. i okeana 2
no. 2:171-182 F '66
- YELOVKA VALLEY (KAMCHATKA)—PALEONTOLOGY,
STRATIGRAPHIC**
Biostratigraphy of Upper Neogene sediments in eastern
Kamchatka (Yelovka basin). I. U. B. Gladkov, Blul.
MOIP Otd. geol. 11 no. 1 93-95 Ja-F '66.
- YENISEY RANGE—FORESTS AND FORESTRY**
Dark-green conifer and small-leaved forests in the Angara
Valley of the Yenisey Range. M. N. Lashchinskii, Rast.
pokr. Kras. kraia no. 2:89-119 '65.
- YENISEY RANGE—GEOLOGY, STRATIGRAPHIC**
Stratigraphy of Paleozoic sediments in the northern part
of the Yenisey Range. L. S. Podgorodnaya, I. U. G. Semenov,
A. G. Gur'ev, Geol. i geofiz. no. 9:141-142 '65.
- YENISEY RIVER—LUMBER—TRANSPORTATION**
Prospects of guaranteeing the export of timber from the
lower reaches of the Yenisey. A. A. Churina, T. M.
Ushakova, Probl. Arkht. i Avtark. no. 2:109-92 '65.
- YENISEY RIVER—SHIPPING**
Shipping lumber in bundles on the Yenisey River.
I. Osipenko, G. Goriachev, Rech. transp. 23 no. 6:
15-16 Jo '64.
- YENISEY VALLEY—ANTIQUITIES**
Kokorevo IV, a campsite of the late Paleolithic period.
S. N. Astakhov, Sov. arkheol. 10 no. 2:283-294 '66.
Works of the Krasnoyarsk Expedition. M. P. Ginzovoy,
Krat. soob. Inst. arkheol. no. 100:62-71 '65.
- YENISEY VALLEY—POTTERY, PRIMITIVE**
Local variants of Karasuk-type pottery. E. A. Novgorod-
dova, Mat. i issl. po arkheol. SSSR no. 130:181-186 '65.
- YEREVAN see Erivan**
- YERGENI HILLS—OAK—DISEASES AND PESTS**
Matlash, G. I. [Borers of oak plantations in the southern
Yergeni and measures for their control] Zlatki dubo-
vykh nasazhdenii Yergeni i mery bor'by s nimi.
Elista, Kalmykizdat, 1963. 21 p.
[DUAL MICROFILM]
- YEW see subdivision under Karabi-Yayla**
- YOSHKAR-OLA (MARI A.S.S.R.)—DRUG INDUSTRY**
To the account of the five-year plan. V. Bolotnov, Agri-
tator 30 no. 3:5-7 F '66.
- YOUNG COMMUNIST LEAGUE see Communist Youth
League**
- YOUTH**
(see also subdivision under Georgia)
Fashion shoes, a story. A. I. Melnikov, Sov. profsoyuz,
22 no. 3:27-29 F '66.
Sinking souls. A. I. Mankatskaia, B. Glazhenberg, Msl.
form. no. 1:106-110 Ja '65.
You will be 10 years old just once in your life. I. I. Per-
tseva, Mol. komm. no. 1:10-13 Ja '65.
- YOUTH—EMPLOYMENT**
Guarding youth's labor. A. I. Ikhov, Sov. profsoyuz, 22
no. 1:45-17 F '66.
- YOUTH—PERIODICALS**
Leaders of the Communist Party and the Soviet youth in
the first Pioneer periodicals of Russia. M. I. A. K. K.
Vent. Mark. un. Ser. 7: Filol. i zhuk. 20 no. 6 60-61
N-D '65.
- YTTERBIUM ISOTOPES**
Recent data on conversion electron spectra for the heaviest
transition elements in Yb¹⁷⁰. V. A. Balashov and others,
Izv. AN SSSR, Ser. fiz. 30 no. 7:413-415 Mr '66.
- YTRIUM**
Diffusion of hydrogen in yttrium. V. V. Vorobiev, I. M.
Riabichikov, Ukr. fiz. zhur. 11 no. 2:700-311 F '66.
- YTRIUM FLUORIDES**
System Na⁺, K⁺, Y³⁺ F⁻. G. A. Bukhalova, Pribl. bi-
khimi. i tekhn. zhur. 11 no. 3:644-647 Mr '66.
- YTRIUM ISOTOPES**
Yttrium 91 behavior in some types of soils. I. V. V. I. J.
channova, Trudy Inst. biol. UAN SSSR no. 15:91-94
'65.
- YUGOSLAV FOLK MUSIC see Folk music, Yugoslav**
- YUGOSLAVIA—AERONAUTICAL SPORTS**
Aeronautical sports in Yugoslavia. Dragan Kijakic,
Kijakic 17 no. 1:26-27 Apr '66.
- YUGOSLAVIA—BIBLIOGRAPHY**
[New literature on Yugoslavia] Nov. lit. po Jug. nov. 1-2
'66.
- YUGOSLAVIA—HISTORY**
"Day of the Republic", a national holiday of Yugoslavia.
M. T. Sov. slav. no. 2:127-128 '66.
Operation "Toucan's sword" (to be continued). V. K.
Volkov, Nov. i novish. ist. no. 2:31-43 '66.
- YUGOSLAVIA—JUSTICE, ADMINISTRATION OF**
Meetings with Yugoslav lawyers. G. Anashkin, Sov.
zakon. 43 no. 3:70-72 Mr '66.
- YUGOSLAVIA—LEARNED INSTITUTIONS AND SOCIETIES**
The Serbian "Militia" in Novi Sad. Zivojin Banovic, S. A.
slav. no. 3:120-132 '66.
- YUGOSLAVIA—RELATIONS (GENERAL) WITH RUSSIA**
Meetings with Yugoslav lawyers. G. Anashkin, Sov.
zakon. 43 no. 3:70-72 Mr '66.
- YUGOSLAVIA—SLAVIC STUDIES**
An international conference of Slavists in Yugoslavia.
N. P. Bobrik, Sov. slav. no. 2:133-134 '66.
- ZADAR'INSKIY DISTRICT—BRICK INDUSTRY**
The plan uses the local raw material in its work.
V. A. Il'mov, Ekon. i zhizn' 8 no. 2:57 F '66.
- ZAGORSKII, VLADIMIR MIKHAILOVICH, 1863-1919**
Dumova, N. G. [Secretary of the Moscow Committee;
a story about V. M. Zagorskii] Sekretar' MK; povest'
o V. M. Zagorskom. Moskva, Politizdat, 1960. 117 p.
- ZAILIYSKIY ALATAU see Trans-Alai Alatau**
- ZALARI DISTRICT—GRAIN**
Work results under new conditions. N. Lovada, I. L. L. L.
Zemledelie 28 no. 1:14-15 Ja '66.
- ZAMOISKII, PETR IVANOVICH, 1898-1959**
Petr Zamoiskii and his heroes. Semen Trebuk, Otkrytiye
42 no. 4:199-202 Apr '66.
- ZANGEZUR RANGE—LAKES**
High mountainous lakes in Syunik (Zangezur Range). I. A.
Pogostan, Izv. AN Arm. SSR, Nauki o zem. 13 no. 5:45-
71 '65.
- ZAPOROZHANS**
The fate of the last "koshovyi otaman" of the Zaporozhian
Host. H. I. Frumenkov, Ukr. ist. zhur. 10 no. 1:170-178
Ja '66.
Imaginalizing the places associated with the history of
the Zaporozhian Cossacks. I. V. Romanova-Kyly, Ukr.
ist. zhur. 10 no. 3:140-160 Mr '66.
Is Comrade P. P. Suprunenko right? S. Kondratyuk,
Ukr. ist. zhur. 10 no. 1:160 Ja '66.

ZAPOROZH'YE—ROLLING MILLS—DESIGN AND CONSTRUCTION

Operating conditions of vertical rolls in the slabbing mill of the "Zaporozhstal" Plant. V. I. Hol'shchakov, A. N. Lenskii, P. I. Skichko. *Stal'* 26 no. 3 239-242 Mr '66

ZAPOROZH'YE PROVINCE—CATTLE—FEEDING AND FEEDS

More, better, and cheaper. A. Smirnov, G. Zaderigolova. *Zakup. sel'khoz. prod.* no. 122-23 Ja '66.

ZAPOROZH'YE PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A propaganda group tries to change its methods of work. V. Kosetskii. *Agtator* 33 no. 5, 12-45 Mr '66.

ZAPOROZH'YE PROVINCE—WORMS, INTESTINAL AND PARASITIC

Organizational and methodological supervision of helminthological work in Zaporozh'ye Province. E. N. Kravkovskii, L. G. Mukvoz. *Med. paraz. i paraz. bol.* 35 no. 2, 194-198 Mr-Apr '66.

ZATYRKVEVICH-KARPYNS'KA, HANNA PETRIVNA, 1858-1921

Ukrains'ka tsentral'na tovarystvo. [A word about Hanna Zatyrkvevich-Karpyns'ka; reminiscences, articles, materials] Slovo pro Hanuu Zatyrkvevich-Karpyns'ku; apohady, slahi, materialy. Kyiv, Mystetstvo, 1966, 204 p.

ZBRUUA, ANNA VASIL'EVNA, 1894-1965

A. V. Zbrueva; an obituary. *Sov. arkhool.* 10 no. 2, 340-347 '66.

ZELENIN, DMITRII KONSTANTINOVICH, 1870-1954

Dmitrii Konstantinovich Zelenin; on the 10th anniversary of his death. A. I. Vasima, N. I. Gagan-Torl. *Izv. Vses. geog. ob-va* 98 no. 1, 67-70 Ja-F '66.

ZEMLIANSKII, ALBERT VLADIMIROVICH

A hero's son. D. Zemtianskii. *Kryl. i od.* 17 no. 3, 17-18 Mr '66.

ZEOLITES

Absorption of argon and nitrogen vapors on a NaX zeolite modified by water. B. P. Bering and others. *Zhur. fiz. khim.* 40 no. 3, 540-555 Mr '66.

Dehydration of 1-pentanol on NaX-type synthetic zeolites. I. B. Rapoport and others. *Neftokhimiia* 5 no. 4, 549-553 Ji-Ag '65.

Drying of gases under increased pressure in a bed of NaA zeolites. N. V. Kel'tsev and others. *Izv. vys. ucheb. zav. khim. i khim. tekhn.* 8 no. 6, 1011-1013 '65.

Study of isomerization reactions of normal paraffin hydrocarbons in the presence of platinum-plated synthetic zeolites. A. I. Afanas'ev, A. Z. Dorogochinskii, E. G. Vol'pova. *Neftopur. i neftokhim.* no. 1, 39-41 '66.

Synthetic zeolites and their adsorption properties with respect to water vapors. S. P. Zhdanov, B. G. Novikov. *Dokl. AN SSSR* 160 no. 5, 1107-1110 F '65.

ZEOLITES—CONGRESSES

Vsesoiuznoe soveshchaniie po zeolitam, 2d, Leningrad, 1964. [Zeolites, their synthesis, properties, and use; materials] Tseolity, ikh sintez, svoistva i primeneniie; materialy. Moskva, Nauka, 1965, 394 p.

ZERAVSHAN RANGE—ORE DEPOSITS

Igneous rock complex of the Chakylkatyan Mountains and their ore potential. M. S. Kuchukova. *Uzb. geol. zhur.* 10 no. 1, 3-10 '66.

ZERAVSHAN RANGE—ROCKS, IGNEOUS

Igneous rock complex of the Chakylkatyan Mountains and their ore potential. M. S. Kuchukova. *Uzb. geol. zhur.* 10 no. 1, 3-10 '66.

ZERAVSHAN RANGE—ROCKS, SEDIMENTARY

Upper Silurian terrigenous sediments of the Zeravshan Range. B. I. Trifonov. *Vest. LGU* 21 no. 6, 150-152 '66.

ZERAVSHAN RIVER—SILT

Mudflows. B. A. Kamalov. *Gidr. stroit.* 35 no. 2, 51 F '66.

ZERCHANINOV, LEONID KONSTANTINOVICH, d. 1965

L. K. Zerchaninov; obituary. *Med. paraz. i paraz. bol.* 35 no. 2, 234 Mr-Apr '66.

ZETA FUNCTIONS see Functions, Zeta

ZEYN-BUREYA PLAIN—FUNGI

Micromycetes of the plant formations and groups of the Zeyn-Bureya Plain. E. S. Nelen. *Bot. zhur.* 51 no. 1, 126-131 Ja '66.

ZHASHKOV DISTRICT—AGRICULTURE—AUDITING AND INSPECTION

Control over the observance of the farming systems. F. F. Kudarenko, I. N. Kutsak. *Zemledolie* 28 no. 2, 47-50 F '66.

ZHEVAKIN, S. A.

Awarding the F. A. Bredikhin Prize. *Vest. AN SSSR* 36 no. 2, 166-180 F '66.

ZHILKIN, BORIS DMITRIYEVICH, 1895-

Enthusiast of silviculture; on the 70th birthday of Professor B. D. Zhilkin. *Izv. vys. ucheb. zav. i iss. zhur.* 8 no. 6, 173-174 '65.

ZHTOMIR PROVINCE—LAW—STUDY AND TEACHING

Good initiative. N. Damchenko. *Sots. zakon.* 43 no. 3 40-41 Mr '66.

ZHUKOV, NIKOLAI NIKOLAEVICH, 1908-

Drawings of Nikolai Zhukov. O. Nikulina. *Sov. voen.* 48 no. 7-8-12 Ap '66.

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Distribution coefficient of zinc in gallium arsenide depending on concentration. M. G. Mil'vidskii, O. V. Pelevin, A. I. Bolin. *Izv. AN SSSR, Neorg. mat.* 2 no. 2 249-250 F '66.

Distribution of rare-earth metals and yttrium in the crystallization of zinc from molten lead. A. P. Balanov, S. F. Gurskaya, V. V. Serebrennikov. *Zhur. prikl. khim.* 39 no. 2, 447-448 F '66.

New fireproof materials for rolling zinc handling equipment. G. A. Asinskaya, S. F. Kagan. *Lakokias, mat. i fiz. prikl.* no. 1, 73-74 '66.

Quantum oscillations of the surface resistance of zinc at the frequency of 1 Mc. I. U. P. Gadukov, I. P. Kreshetov. *Pis'ma v red. Zhur. eksp. i teoret. fiz.* 3 no. 5, 227-231 Mr '66.

ZINC—METALLURGY

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Hydrometallurgy of zinc raw materials with a high fluorine content. M. A. Vinogradova, I. S. Nikitina. *TSvet. met.* 39 no. 1, 40-44 Ja '66.

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ZINC-CADMIUM ALLOYS

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ZINC CHLORIDE

Alkylation of anthracene in the presence of zinc chloride. I. A. Romanov. *Sbor. nauch. rab. Volg. gos. ped. inst.* no. 1, 23-30 '64.

ZINC ELECTRODES see Electrodes, Zinc

ZINC HALIDES

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Comparative study of the biological effects of streptanthin-K, corelbarin-P, cymarin and periplocin on the heart in rats in lesions induced with zinc hydroxide. S. M. Kit. *Farm. i toks.* 27 no. 6, 689-701 N-D '64.

ZINC OXIDE

Photoabsorption and photosorption of oxygen on zinc oxide. Comparison with photoconductivity. I. U. P. Solonitayn. *Kin. i kat.* 7 no. 1, 128-135 Ja-F '66.

ZINC PLATING

Joint discharge of ions in the electrolytic deposition of metals with alternating current application. Part 1: Behavior of copper impurities in the sulfate electrolyte during zinc plating and of copper and zinc in the electrolyte during nickel plating. A. K. Krivonoz, V. A. Khamaev. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 8 no. 6, 881-888 '65.

ZINC SULFATE

Crystallochemical and X-ray diffraction examination of the products of zinc sulfate thermal decomposition. N. P. Slarkov and others. *Sbor. nauch. trud. Perm. politekh. inst.* no. 10, 53-56 '61.

Kinetics of the thermal decomposition of zinc sulfate. A. G. Zvezdin, V. V. Pechkovskii. *Sbor. nauch. trud. Perm. politekh. inst.* no. 10, 97-104 '61.

ZINC SULFITE

Kinetics of the formation of zinc hydrosulfite. T. I. Kuntin, I. U. Lobanov. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 8 no. 6, 921-925 '65.

ZINC TELLURIDES—ELECTRIC PROPERTIES

Effect of the conditions of preparation of thin films of zinc telluride on their electric properties. K. V. Shalimova, I. Spynulestu, N. V. Pirogova. *Izv. vys. ucheb. zav. i fiz.* 9 no. 1, 136-141 '65.

ZIRCON

Preparing titanite-zircon sands containing humic substances for flotation. S. A. Babenko, F. G. Prokopyeva, A. E. Pleskova. *Izv. vys. ucheb. zav. i gor. zhur.* 3 no. 1, 161-163 '62.

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Behavior of scandium during treatment of zircon concentrates. L. V. Favor'skaya, V. A. Peregnetsova, A. D. Mul'dagulova. *Izv. AN Kazakh. SSR, Ser. khim. nauk* 14 no. 4, 23-28 O-D '64.

ZIRCON—THERMAL PROPERTIES

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Promotion of a Raney nickel catalyst by zirconium. T. Kablev and others. *Dokl. AN SSSR* 166 no. 4, 871-873 F '66.

ZIRCONIUM ALLOYS

X-ray structural examination of some alloys of the systems Zr - Fe and Zr - Co. I. U. B. Kuzhna and others. *Izv. AN SSSR, Neorg. mat.* 2 no. 2, 250-263 F '66.

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Mechanism of the shrinkage of zirconium diboride during the sintering process. M. A. Kuzenkova, P. S. Kislyi. *Porosh. met.* 6 no. 2, 46-55 F '66.

ZIRCONIUM SULFATES

Zirconium disulfate. I. G. Alanov, L. M. Zaitsev. *Zhur. neorg. khim.* 10 no. 10, 2215-2219 O '65.

ZOLA, EMILE, 1840-1902

Without a "cousin." O. Pyzhova. *Teatr* 27 no. 2, 21-24 F '66.

ZOLOTAREV, EGOR IVANOVICH, 1847-1878

Ozhgova, E. P. Egor Ivanovich Zolotarev, 1847-1878. Moskva, Nauka, 1966. 141 p. (Nauchno-biograficheskaya seriya)

ZONE MELTING

Certain characteristics of the electron-beam zone purification of metals. I. U. M. Korobochkin, V. D. Pautov, V. I. Shiriaev. *Izv. AN SSSR, Met.* no. 1, 73-79 Ja-F '66.

Composition and distribution of nonmetallic inclusions in electric slag treated ShKh15 steel ingots. G. A. Vachugov, G. A. Antropova. *Stal'* 26 no. 2, 133-135 F '66.

Electric conductivity of molten fluxes for electric slag remelting and heating. B. E. Lopae, A. A. Pysheveskii, V. V. Stepanov. *Avtom. svar.* 19 no. 1, 27-29 Ja '66.

Electron beam melting and refining of ShKh15 ball-bearing steel. I. U. M. Efimenko, B. A. Movchan, A. L. Tikhonovskii. *Stal'* 26 no. 3, 230-232 Mr '66.

Operation of the first electric slag furnace installed in France after the Soviet licence has been obtained. B. I. Medovar and others. *Stal'* 26 no. 2, 133-139 F '66.

Zone purification of molybdenum. G. P. Kovtun, A. D. Kruglykh, I. G. D'nikov. *Izv. AN SSSR, Met.* no. 1, 71-72 Ja-F '66.

ZONN, SERGEI VLADIMIROVICH, 1908-

Sergei Vladimirovich Zonn; his 60th birthday and 40 years of his scientific activity. *Pochvovedeniie* no. 3, 103-105 Mr '66.

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ZOOGEOGRAPHY see subdivision under Soviet Far East

ZOOLOGICAL GARDENS see subdivision under Kiev

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Brief news and information. *Zool. zhur.* 46 no. 1, 156-158 '66.

Zoologicheskoe soveshchaniie, posvashchennoe 100-letliu 60 dnya rozhdenia Mikhaila Dmitrievicha Ruzhikova. [Reports of the Zoological Conference Dedicated to the 100th Anniversary of the Birth of Mikhail Dmitrievich Ruzhikii] Doklady. Tomek, Izd-vo Tomekogo univ., 1964, 281 p.

ZOOLOGY—VARIATION

Intraspecific variability and taxonomy of Lemmus sibiricus Kerr., 1702; of the Palearctic region. V. G. Krivosheev, O. L. Roesolimo. *Bluf. MOMP. Old. biol.* 71 no. 1, 5-17 Ja-F '66.

ZOOPLANKTON

(See also subdivision under Caspian Sea; Indian Ocean)

Interrelationship between the production and biomass of zooplankton in lakes. E. A. Shushkina. *Gidrobiol. zhur.* 2 no. 1, 27-35 '66.

ZOUEN, YOUSSEF, 1931-

People and events: Youssef Zouen. *Nov. vrem.* 23 no. 17, 15 Ap '66.

ZVORYKIN, KONSTANTIN ALEKSEEVICH, 1861-1926

Scientists and engineers. *Shkola i prolzv.* 10 no. 3, 65-96 Mr '66.

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Methods of obtaining homozygous *Paramecium caudatum* clones. D. V. Ostrov. *Genetika* no. 2, 41-48 '66.

Monthly Index *of* Russian Accessions



Volume 19, No. 4

July 1966

THE LIBRARY OF CONGRESS
WASHINGTON : 1966

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

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*Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.	CaOTR	Royal Canadian Institute, Toronto, Canada. (Collection included with CaOTU)
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.	CaOTRM	Royal Ontario Museum, Zoology and Paleon- tology Library, Toronto, Canada
AU	University of Alabama, University	CaOTU	University of Toronto, Toronto, Canada
AzTeS	Arizona State College, Tempe	CaOWA	Assumption University Library, Windsor, Canada
AzU	University of Arizona, Tucson	CaQMAI	Arctic Institute of North America, Montreal, Canada
C	California State Library, Sacramento	CaQMBM	Bibliothèque de la Ville de Montréal, Collection Gagnon, Montreal, Canada
CBPac	Pacific School of Religion, Berkeley	CaQMM	McGill University, Montreal, Canada
CCC	Honnold Library, Claremont, Calif.	CaQMU	La Bibliothèque de l'Université de Montréal, Montreal, Canada
CFS	Fresno State College, Fresno, Calif.	CaSSU	University of Saskatchewan, Saskatoon, Canada
CL	Los Angeles Public Library	CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CLCM	Los Angeles County Museum Library, Los Angeles	CoD	Denver Public Library
CLL	Los Angeles County Law Library, Los Angeles	CoDM	Medical Society of the City and County of Denver
CLM	Los Angeles County Medical Association, Los Angeles	CoFS	Colorado State University, Fort Collins
CLSU	University of Southern California, Los Angeles	CoU	University of Colorado, Boulder
CLSU-H	— Hancock Library of Biology	CtHT	Trinity College, Hartford, Conn.
CU	University of California at Los Angeles	CtU	University of Connecticut, Storrs
CMthL	University of California, Lick Observatory, Mount Hamilton	CtW	Wesleyan University, Middletown, Conn.
CPT	California Institute of Technology, Pasadena	CtY	Yale University, New Haven
CSf	San Francisco Public Library	CtY-L	— Law Library
CSA	California Academy of Sciences, San Fran- cisco	CtY-M	— Medical School Library
CSFU	University of San Francisco, San Francisco	DAIA	American Institute of Architects Library, Washington, D. C.
CSmH	Henry E. Huntington Library, San Marino, Calif.	DAL	U. S. Army Library, Pentagon Building
CSt	Stanford University Libraries, Stanford, Calif.	DBC	U. S. Bureau of the Census Library
CSt-II	— The Hoover Institution on War, Revolution, and Peace	DBS	U. S. National Bureau of Standards Library
CSt-L	— Lane Medical Library	DC	U. S. Department of Commerce Library
CStbs	University of California, Santa Barbara Library, Goleta	DCU	Catholic University of America Library, Washington, D. C.
CStmoR	Rand Corporation, Santa Monica, Calif.	DDC	Dominican House of Studies, Immaculate Con- ception Convent Library, Washington, D. C.
CU	University of California, Berkeley	DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
CU-A	— University of California, Davis	DFR	Board of Governors of the Federal Reserve System
CU-B	— Bancroft Library, Berkeley	DHEW	U. S. Department of Health, Education, and Welfare Library
CU-E	— East Asiatic Library, Berkeley	DHIF	U. S. Housing and Home Finance Agency Library
CU-L	— Law Library, Berkeley	DI	U. S. Department of the Interior Library
CU-M	— Medical Center, San Francisco	DI-GS	— Geological Survey Library
CU-Riv	— College of Arts, Letters and Science, River- side	DM	U. S. Bureau of Mines Library. (Library inte- grated with DI)
CU-S	— Scripps Institution of Oceanography, La Jolla	DN	U. S. Department of the Navy Library.
CaAEU	University of Alberta, Edmonton, Canada	DN-HO	— Naval Oceanographic Office Library
CaBVA	Vancouver Public Library, Vancouver, Canada	DN-Ob	— Naval Observatory Library
CaBVAU	University of British Columbia, Vancouver, Canada	DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
CaBViPA	Provincial Archives, Victoria, Canada	DNAL	National Agricultural Library
CaMWM	Medical Library of the University of Manitoba, Winnipeg, Canada	DNIH	National Institutes of Health Library, Bethesda, Md.
CaNBFU	University of New Brunswick, Fredericton, Canada	DNLM	U. S. National Library of Medicine
CaOKQ	Queen's University, Kingston, Canada	DNW	U. S. National War College Library, Fort McNair
CaOL	London Public Library, London, Canada	DP	U. S. Patent Office Library
CaOLU	University of Western Ontario, London, Canada	DS	U. S. Department of State Library
CaOQA	Public Archives Library, Ottawa, Canada	DSC	Scottish Rite Supreme Council Library
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada	DSI	Smithsonian Institution Library, Washington, D. C.
CaOOCC	Carleton College, Ottawa, Canada	DSI-AO	— Astrophysical Laboratory Library
CaOOF	Department of Finance Library, Ottawa, Canada	DSI-E	— Bureau of American Ethnology Library
CaOOG	Geological Survey of Canada, Ottawa, Canada	DSI-M	— National Museum Library
CaOOGB	Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada	DWB	U. S. Weather Bureau Library
CaOOH	Laboratory of Hygiene, Ottawa, Canada	DeU	University of Delaware, Newark
CaOOM	Bureau of Mines Library, Ottawa, Canada	FMU	University of Miami, Coral Gables, Fla.
CaOON	National Research Council, Ottawa, Canada	FTaSU	Florida State University, Tallahassee
CaOONDR	Library, Directorate of Scientific Information Service, Defence Research Board, Ottawa, Canada	FU	University of Florida, Gainesville
CaOONM	National Museum, Ottawa, Canada	GAT	Georgia Institute of Technology, Atlanta
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada	GEU	Emory University, Atlanta
CaOOU	University of Ottawa, Ottawa, Canada		
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada		

GU	University of Georgia, Athens	MH-P	— Peabody Museum Library
HU	University of Hawaii, Honolulu	MH-PR	— Physics Research Library
I	Illinois State Library, Springfield	MH-SD	— Graduate School of Design Library
IArg	Argonne National Laboratory, Argonne, Ill.	MII-Z	— Museum of Comparative Zoology Library
IC	Chicago Public Library	MMET	Tufts University, Medford, Mass.
ICA	Art Institute of Chicago, Chicago	MNS	Smith College, Northampton, Mass.
ICAC	American College of Surgeons Library, Chicago	MshM	Mount Holyoke College, South Hadley, Mass.
ICF	Chicago Natural History Museum, Chicago	MWalB	Brandeis University, Waltham, Mass.
ICJ	John Crerar Library, Chicago	MWelC	Wellesley College, Wellesley, Mass.
ICN	Newberry Library, Chicago	MWhB	Marine Biological Laboratory, Woods Hole, Mass.
ICRL	Center for Research Library, Chicago. Midwest Interlibrary Center	MdAN	U. S. Naval Academy, Annapolis
ICU	University of Chicago, Chicago	MdBJ	Johns Hopkins University, Baltimore
ICU-Y	Yeakes Observatory, Williams Bay, Wis.	MdBJ-W	— William H. Welch Medical Library
ICarBS	Southern Illinois University, Carbondale	MdBWA	Walters Art Gallery, Baltimore
IEN	Northwestern University, Evanston, Ill.	MdU	University of Maryland, College Park
IEN-C	— Joseph Schaffner Library of Commerce, Chicago	MeB	Bowdoin College, Brunswick, Maine
IEN-M	— Medical School Library, Chicago	MeWC	Colby College, Waterville, Maine
IHi	Illinois State Historical Library, Springfield	MID	Detroit Public Library
IU	University of Illinois, Urbana	MiDA	Detroit Institute of Arts
IU-M	— Medical Sciences Library, Chicago	MIDW	Wayne State University, Detroit
IaAS	Iowa State University of Science and Technology, Ames	MiEM	Michigan State University, East Lansing
IaU	State University of Iowa, Iowa City	MiMidD	Dow Chemical Company, Midland, Mich.
IaU-L	— College of Law Library	MiU	University of Michigan, Ann Arbor
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho	MiU-C	— William L. Clements Library
IdU	University of Idaho, Moscow	MiU-L	— Law Library
In	Indiana State Library, Indianapolis	MiWar	General Motors Corporation, Research Laboratories Division, Warren, Mich.
InIA	Indiana Academy of Science Library, Indianapolis	GMR	James Jerome Hill Reference Library, St. Paul
InLP	Purdue University, Lafayette, Ind.	MnSJ	University of Minnesota, Minneapolis
InND	University of Notre Dame, Notre Dame, Ind.	MnU-A	— Department of Agriculture Library, St. Paul
InU	Indiana University, Bloomington	MnU-B	— Bio-Medical Library
KAS	St. Benedict's College, Atchison, Kan.	MnU-L	— Law Library
KMK	Kansas State University, Manhattan	MoFC	Central College, Fayette, Mo.
KU	University of Kansas, Lawrence	MoKL	Liuda Hall Library, Kansas City
KU-L	— School of Law Library	MoRM	University of Missouri School of Mines and Metallurgy, Rolla
KU-M	— Medical Center Library, Kansas City	MoS	St. Louis Public Library
KyU	University of Kentucky, Lexington	MoSB	Missouri Botanical Garden, St. Louis
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.	MoSU	St. Louis University, St. Louis
LU	Louisiana State University, Baton Rouge	MoSW	Washington University, St. Louis
MA	Amherst College, Amherst, Mass.	MoSW-M	— Medical School Library
MB	Boston Public Library	MoU	University of Missouri, Columbia
MBA	American Academy of the Arts and Sciences, Boston	MsSM	Mississippi State University, State College
MBat	Boston Athenaeum, Boston	MsU	University of Mississippi, Oxford
MBM	Boston Medical Library, Boston	MTBC	Montana State College, Bozeman
MBN	Boston Society of Natural History, Boston	MiU	Montana State University, Missoula
MBU	Boston University	N	New York State Library, Albany
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.	NAurW	Wells College, Aurora, New York
MCM	Massachusetts Institute of Technology, Cambridge, Mass.	NB	Brooklyn Public Library
MH	Harvard University, Cambridge, Mass.	NBB	Brooklyn Museum Libraries, Brooklyn
	— Harvard Theological Seminary	NBC	Brooklyn College, Brooklyn
	— Harvard Theological Observatory, Cambridge, Mass.	NBG	Brooklyn Botanic Garden, Brooklyn
	— Harvard Theological Observatory, Cambridge, Mass.	NBM	Academy of Medicine of Brooklyn Library, Brooklyn
	— Harvard Theological Observatory, Cambridge, Mass.	NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
	— Harvard Theological Observatory, Cambridge, Mass.	NBrB	Buffalo Society of Natural Sciences, Buffalo
	— Harvard Theological Observatory, Cambridge, Mass.	NBU	University of Buffalo, Buffalo
	— Harvard Theological Observatory, Cambridge, Mass.	NCH	Hamilton College, Clinton, N. Y.
	— Harvard Theological Observatory, Cambridge, Mass.	NCornC	Corning Glass Works Library, Corning, N. Y.
	— Harvard Theological Observatory, Cambridge, Mass.	NCsC	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
	— Harvard Theological Observatory, Cambridge, Mass.	NIC	Cornell University, Ithaca, N. Y.
	— Harvard Theological Observatory, Cambridge, Mass.	NIC-A	— State Colleges of Agriculture and Home Economics
	— Harvard Theological Observatory, Cambridge, Mass.	NN	New York Public Library
	— Harvard Theological Observatory, Cambridge, Mass.	NNA	American Geographical Society, New York
	— Harvard Theological Observatory, Cambridge, Mass.	NNBG	New York Botanical Garden, Bronx Park, New York
	— Harvard Theological Observatory, Cambridge, Mass.	NNC	Columbia University, New York
	— Harvard Theological Observatory, Cambridge, Mass.	NNC-L	— Law Library
	— Harvard Theological Observatory, Cambridge, Mass.	NNC-M	— Medical Library
	— Harvard Theological Observatory, Cambridge, Mass.	NNC-T	— Teachers College Library
	— Harvard Theological Observatory, Cambridge, Mass.	NNCC	Chemists' Club, New York
	— Harvard Theological Observatory, Cambridge, Mass.	NNCoCi	College of the City of New York, New York

NNCorM	Cornell University Medical College Library, New York	OUCA	Chemical Abstracts, Ohio State University, Columbus
NNE	Engineering Societies Library, New York	OKS	Oklahoma State University, Stillwater
NNF	Fordham University, New York	OKU	University of Oklahoma, Norman
NNIS	Library for Intercultural Studies, New York	OrCS	Oregon State University, Corvallis
NNJ	Jewish Theological Seminary of America, New York	OrPR	Reed College, Portland, Ore.
NNM	American Museum of Natural History, New York	OrU	University of Oregon, Eugene
NNMM	Metropolitan Museum of Art Library, New York	P	Pennsylvania State Library, Harrisburg
NNNAM	New York Academy of Medicine, New York	PBL	Lehigh University, Bethlehem, Pa.
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York	PBm	Bryn Mawr College, Bryn Mawr, Pa.
NNR	Russell Sage Foundation, College of the City of New York	PIIC	Haverford College, Haverford, Pa.
NNRI	Rockefeller Institute for Medical Research, New York	PLF	Franklin and Marshall College, Lancaster, Pa.
NNU	New York University Libraries, New York	PP	Free Library of Philadelphia
NNU-H	— University Heights Library	PPAN	Academy of Natural Sciences, Philadelphia
NNU-M	— Bellevue Medical Center Libraries (Includes Neuropsychiatric Library)	PPAmP	American Philosophical Society, Philadelphia
NNU-W	— Washington Square Library	PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
NNUN	United Nations Library, New York	PPC	College of Physicians of Philadelphia
NPV	Vassar College, Poughkeepsie, N. Y.	PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
NRE	Eastman Kodak Company, Rochester, N. Y.	PPF	Franklin Institute, Philadelphia
NRU	University of Rochester, Rochester, N. Y.	PPLas	La Salle College, Philadelphia
NSyU	Syracuse University, Syracuse, N. Y.	PPPM	Philadelphia Museum of Art
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.	PPT	Temple University, Philadelphia
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.	PPUC	Union Library Catalogue of the Philadelphia Metropolitan Area, Philadelphia
NYHi	International Business Machines Corporation, Thomas J. Watson Research Center, Yorktown Heights, New York	PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
NbU	University of Nebraska, Lincoln	PPi	Carnegie Library of Pittsburgh, Pittsburgh
NcD	Duke University, Durham, N. C.	PPiCI	Carnegie Institute of Technology, Pittsburgh
NcGW	Woman's College of the University of North Carolina, Greensboro	PPiU	University of Pittsburgh, Pittsburgh
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh	PRosC	Rosemont College, Rosemont, Pa.
NcU	University of North Carolina, Chapel Hill	PSC	Swarthmore College, Swarthmore, Pa.
NcU-II	— Division of Health Affairs. (North Carolina Memorial Hospital)	PSt	Pennsylvania State University, University Park
NdU	University of North Dakota, Grand Forks	PU	University of Pennsylvania, Philadelphia
Nh	New Hampshire State Library, Concord	PU-BZ	— Botany-Zoology Library
NhD	Dartmouth College, Hanover, N. H.	PU-EI	— Moore School of Electrical Engineering Library
NhU	University of New Hampshire, Durham	PU-FA	— School of Fine Arts Library
NJI	Irvington Free Public Library, Irvington, N. J.	PU-Math	— Mathematics-Physics Library
NjMuA	Air Reduction Company, inc., Central Research Department Library, Murray Hill	PU-Mu	— University Museum Library
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.	PU-Penn	— Penniman Library of Education
NjN	Newark Public Library, Newark, N. J.	PU-Se	— Towne Scientific School Library
NjP	Princeton University, Princeton, N. J.	RPB	Brown University, Providence, R. I.
NjPT	Princeton Theological Seminary, Princeton, N. J.	RU	University of Rhode Island, Kingston
NjR	Rutgers University, New Brunswick, N. J.	ScU	University of South Carolina, Columbia
NmUpU	New Mexico State University of Agriculture, Engineering and Science, University Park	TCU	University of Chattanooga, Chattanooga, Tenn.
NvU	University of Nevada, Reno	TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
O	Ohio State Library, Columbus	TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
OCH	Hebrew Union College, Cincinnati	TU	University of Tennessee, Knoxville
OCLloyd	Lloyd Library and Museum, Cincinnati	TxCM	Agricultural and Mechanical College of Texas, College Station
OCU	University of Cincinnati, Cincinnati	TxDaM	Southern Methodist University, Dallas
OCI	Cleveland Public Library	TxHR	Rice Institute, Houston
OCIBHS	Benedictine High School, Cleveland	TxLT	Texas Technological College, Lubbock
OCICS	Case Institute of Technology, Cleveland	TxU	University of Texas, Austin
OCIC	John Carroll University, Cleveland	ULA	Utah State University of Agriculture and Applied Science, Logan
OCIM	Cleveland Medical Library	UPR	Brigham Young University, Provo, Utah
OCIMA	Cleveland Museum of Art	ViBlv	Virginia Polytechnic Institute, Blacksburg
OCiW	Western Reserve University, Cleveland	ViU	University of Virginia, Charlottesville
OCOB	Battelle Memorial Institute, Columbus	ViU-L	— Law Library
ODW	Ohio Wesleyan University, Delaware, Ohio	ViW	College of William and Mary, Williamsburg
OH	Ohio State Historical Society, Columbus	ViMiM	Middlebury College, Middlebury, Vt.
OO	Oberlin College, Oberlin, Ohio	ViU	University of Vermont and State Agricultural College, Burlington
OOxM	Miami University, Oxford, Ohio	WAP	Institute of Paper Chemistry, Appleton
OSTe	Carnegie Library, Steubenville, Ohio	WHi	State Historical Society of Wisconsin, Madison
OU	Ohio State University, Columbus	WU	University of Wisconsin, Madison
		WU	University of Washington, Seattle
		WvU	West Virginia University, Morgantown
		WyU	Wyoming University, Laramie

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Periodicals Available in English Translation Cover-to-Cover.

1. GENERAL

ADEMIA NAUK AZERBAIDZHANSKOI SSR, Baku. Nauchnyi sovet po istorii estestvoznaniia i tekhniki. [20 years of the Academy of Sciences of the Azerbaijan S.S.R.] Akademiia nauk Azerbaidzhanskoi SSR 20 let. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 220 p.

ALMAN UKRAINY, the almanac of "Homni Ukrainy" for 1966 on the 50th anniversary of the death of Ivan Franko, the illustrious son of the Ukraine, 1916-1966) ovaia Ukrainy; al'manakh "Homonu Ukrainy" na rik 1966 u 50-riehchla smerti velykoho syna Ukrainy ana Franka, 1916-1966. Toronto, Nakladom vyd-va "Homni Ukrainy," [n.d.] 190 p. (Biblioteka vyd-va "Homni Ukrainy," no. 28)

RUSSIAN "ENLIGHTENERS" (from Radischev to the Decembrists), collection of works in two volumes] Russkie prosvetiteli (ot Radischeva do dekabristov); sobranie proizvedenii v dvukh tomakh. Moskva, Mysl', 2 v. 1966. (Filosofskoe nasledie)

Information; from the work practices of enterprises and organizations in the White Russian S.S.R.] Prakhika i molodika nauchno-tekhnicheskoi informatsii, iz opyta raboty predpriatii i organizatsii Belorusskoi SSR. Minsk, 1965. 45 p.

2. BIBLIOGRAPHY

BAUR, PAUL. [Arkadio Laigo's ex libris] Arkadio Laigo ekslibrisest. Tallinn, Kirjastus "Eesti Raamat," 1955. 45 p. illus. [In Estonian]

DREEV, I. S., A. A. GORIACHEVA, and N. A. PERCHIKHINA. [Method of selling norms for photocopying processes] Metod normizatsii fotokopirovannogo protsesssa. Moskva, Kniga, 1966. 73 p. [Pecidovoi opyt v poligraficheskoi promyshlennosti]

TESEVICH, V. A., comp. [Book collections of the university libraries of the U.S.S.R.; materials for the bibliography of printed catalogs, guides to collections and articles on collections of the university libraries of the U.S.S.R.] Knizhnye fondy bibliotek universitetov SSR, materialy k bibliografii pechatnykh katalogov, uveloditel' po fondam i statii o fondakh bibliotek universitetov SSSR. [Sarajov] Izd-vo Saratovskogo univ., 1962. 91 p. (RPD)

TRAKHAN (Province) Oblastnaya biblioteka. [Literature on Astrakhan Province for 1963; a catalog of studies on the region] Literatura ob Astrakhanskoi oblasti za 1963 god, kraevedcheskii katalog. Astrakhan', 1965. 116 p.

[MICROFILM]

COMPREHENSIVE PUBLISHING PLAN OF THE LITERATURE ON AESTHETICS, ART STUDIES, LITERARY STUDIES, CRITICISM AND PHILOLOGY IN RUSSIAN FOR 1966: the central publishing houses "Khudozhestvennaya Literatura," "Sovetskii pisatel'," "Iskusstvo," "Muzyka," "Sovetskii khudozhnik," "Polizdat, Nauka," "Mysl'," "Vysshaya shkola," "Kniga," "Molodnaya gvardia," and "Profizdat" Svodnyi tematicheskii plan literatury po estestike, iskusstvoznaniu, literaturovedeniiu, kritike i filologii na russkom iazyke na 1966 god: Tsentral'nyy izdatel'stvo "Khudozhestvennaya Literatura," "Sovetskii pisatel'," "Iskusstvo," "Muzyka," "Sovetskii khudozhnik," "Polizdat, Nauka," "Mysl'," "Vysshaya shkola," "Kniga," "Molodnaya gvardia," "Profizdat, Moskva, Gos. komitet Soveta Ministrov SSSR po pechatii, glav. red. izdovozh. lit-ry, 1965. 34 p.

FRUNZE, GOSUDARSTVENNAIA PUBLICHNAIA BIBLIOTEKA KIRGIZSKOI SSR. [Bibliography of Kirghizistan in four volumes] Bibliografiia Kirgizii v chetyrekh tomakh. Frunze.

Vol. 3. Pt. 3 Ch. 2. Losev, D. B. [Industry. Transport. Communication, 1946-1955, a bibliography] Promyshlennost', Transport. Sviaz' (1946-1955), ukazatel' literatury. 1965. 240 p.

IARALOV, G. B. [Printing manual. Izdatel'sko-poligraficheskii spravochnik. Tbilisi, Ganatleba] 1965. 388 p. [In Georgian]

KIRSHIN, V. N. [Order emblazoned on a banner, a brief account of the history of the Leningrad Printing Machinery Plant, winner of the Order of the Patriotic War, First Class] Orden na znamenii, kratkii ocherk istorii Leningradskogo ordena Otechestvennoi voyny i elepni zavoda poligraficheskikh mashin. Moskva, Mashinostroenie, 1965. 196 p.

KOPLUS, OSKAR. [Russian-Estonian illustrated polygraphic dictionary] Poligrafiia vone-eesli illustreeritud sõnastik. Tallinn, Kirjastus Kunst, 1965. 441 p.

LEPIATSKII, A. V. [Composition of the beginning and ending of type pages in books. Composition of the reverse of beginning and ending of type pages, a textbook for students enrolled in courses II and III of the Correspondence Department of the Faculty of Artistic Form of Printed Products] Kompozitsiia nachal'noi i kontsevoi polos v knige. Kompozitsiia razvorota nachal'noi i kontsevoi polos, uchebnoe posobie dlia studentov II i III kursov zaonchnogo otdeleniia fakul'teta khudozhestvennogo oformleniia pechatnoi produktii. Moskva, Moskg. poligr. in-t, 1965. 11 p.

MOSCOW, PUBLICHNAIA BIBLIOTEKA. [Union index of bibliographic lists and card catalogs compiled by libraries of the Soviet Union in 1964. The social sciences. Literature. Art] Svodnyi ukazatel' bibliograficheskikh spisokov i kartotek, sostavlenykh bibliotekami Sovetskogo Soiuza v 1964 godu: Obshchestvennoye nauki. Khudozhestvennaya literatura. Iskusstvo. Moskva, Kniga, 1965. 95 p.

RAZGON, L. E. [Under the monogram "Rb", a book about N. Rubakin] Pod shifrom "Rb": kniga o N. Rubakine. Moskva, Znanie, 1966. 125 p.

RAZORENOVA, A. V., and I. A. KERNES. [Your bookshelf] Tvoja knizhnaia polka. [Moskva] Molodnaya gvardia, 1966. 62 p. (Biblioteka "Vstupaishechnu v komsonol")

RUSSIA (1923- U.S.S.R.) Glavnoye upravlenie po rasprostraneniui pechatii. [Catalog of foreign newspapers and periodicals for 1963] Katalog zarubezhnykh gazet i zhurnalov na 1963 god. Moskva, 1962. 352 p.

SOLOKHINA, V. G. [In aid to the electrophotocopy in printing] V pomoshch' poligrafistu-gal'vanotekhniku Moskva, Kniga, 1966. 84 p. (Biblioteka poligrafista)

3. PHILOSOPHY & RELIGION

ALIEV, M. G., and P. A. LANDESMAN. [Communist and religious ideals are incompatible] Kommunist idealy i dini ideal baryshmadzyr. Baky, Azerneshr, 1965. 60 p. [In Azerbaijani]

ANTONOVA, O. A. [Technical progress and religion] Tekhnicheskii progress i religii. Moskva, Izd-vo "Znanie," 1966. 46 p. (Novoe v zhizni, nauka, tekhnika. XII Seriya: Estestvoznaniye i religii, no. 1)

APRESIAN, G. Z. [Beauty and kindness; from the history of the aesthetic thought of Transcaucasian peoples] Krasota i dobro: iz istorii esteticheskoi mysli narodov Zakavkaz'ia. [Moskva] Izd-vo Mosk. univ., 1966. 121 p.

AZNAUROV, A. A., and T. G. GRIGOR'IAN. [Philosophical problems in a social science course] Voprosy filosofii v kurse obshchestvovedeniia. Baku, "Marxizm," 1966. 193 p.

BADIEVA, G. V. [Work and creativeness] Trud i tvorchestvo. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika. II Seriya: Filosofii, no. 7)

BIBLE, N. T. Russian. 1935. [Gospel, i.e., Joyous tidings or, the New Testament of Our Lord Jesus Christ. From the original text published with the blessing of the Holy Synod with a book of psalms as a supplement] Evangelie; to es', Baggala vest' ili Novyi Zavet Gospoda Nashego Isusa Khrista. S pervonachal'nogo teksta, izdannogo po blagosloveniiu Sv. Sinoda s prilozheniem knigi psalmov. Izd. 3. Washington, D. C., Russkoe Biblitskoe ob-vo, [1955] 473, 123, 366 p. (Mid)

BOCHORISHVILI, A. T. [Psychologism and antipsychologism in psychology] Psichologizm i antipsichologizm v psikhologii. Tbilisi, Metsnereba. [In Georgian] Vol. 1. 1965. 141 p.

BORANETSKII, P. [Social ideas; fundamentals of social philosophy] Sotsialnyi ideal; osnovy sotsial'noi filosofii. Paris, 1965. 1965 p.

BORUNKOV, I. F. [Lenin's contribution to the theory of knowledge] Leningit vklad v teoriiu poznaniia. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauka, tekhnika. 2 Seriya: Filosofii, no. 3)

CHAVCHAVADZE, N. Z. [The nature of an aesthetic object. O priroda esteticheskogo predmeta. Tbilisi, Metsnereba] 1965. 188 p. [In Georgian]

GABRIEL'IAN, GENRI. [History of Armenian philosophical thought] Istoriia Armianskoi filosofskoi mysli. Erevan, Alastan. [In Armenian] Vol. 4. 1965. 489 p.

IABLONSKII, S. V., G. P. GAVRILOV, and V. B. KUDRYAVTSEV. [Functions of algebra of logic and Post's classes] Funktsii algebry togiki i klassy Posta. Moskva, Nauka, 1966. 119 p. (Matematicheskaya logika i osnovaniia matematiki)

IAKOVLEV, V. G. [The development of a scientific world view and Christian sects] Formirovaniye nauchnogo mirovozreniia i khristianskie sektantstvo. Pod red. E. I. Shekhtermana. Alma-Ata, "Kazakhstan," 1965. 284 p.

KAZIMOV, N. M. [Comparison as the basis of the cognitive process] Mugajiso fikri feallijetin esasydyr. Baky, Azerneshr, 1966. 85 p. [In Azerbaijani]

LENINGRAD, MUZEI ISTORII RELIGII I ATEIZMA. [Problems of overcoming the vestiges of religion in the U.S.S.R.] Voprosy preodoleniia religioznykh perezhitkov v SSSR. Moskva, Nauka, 1966. 297 p.

LUBAN, L. L. [Malticious seed, true stories] Iadovitoe semia, nevydumanye istorii. Moskva, Politizdat, 1966. 93 p.

LUK, A. N. [Information and memory] Mol'umat ve hafize. Baky, Azerneshr, 1965. 28 p. [In Azerbaijani]

MEGRELIDZE, K. P. [Basic problems of the sociology of thought] Osnovnye problemy sotsiologii myshleniia. Tbilisi, Sabchota Sakarileto, 1965. 495 p.

MIKITEENKO, D. A. [Senses and reality; some philosophical problems in the theory of sensation] Vidchutia i dilaniia; delaki filosofski pytannia teorii vidchutiv. Kyiv, Naukova dumka, 1966. 158 p.

MILUTENKO, V. B. [Inspiration in the wings of the fighter] Odezhlivost' - kryi'ia borta. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauka, tekhnika. X Seriya: Molodczhnaia, no. 8)

- MIRZAKHANOV, F. S. [The role of new customs and traditions in the alchemical education of workers] *Zhurnal khimicheskoi teorii i praktiki*. Baku, Azershest, 1966. 72 p. [In Azerbaijani]
- RODIONOV, M. I. [Just a little! Chut'-chut'. Moskva, Sovetskaya Rossiya, 1965. 59 p. (Rasskazy o krasole dushevnoi)]
- ROGOVIN, M. S. [Philosophical problems of the theory of memory] *Filosofskie problemy teorii pamiati*. Moskva, Vysshaya shkola, 1966. 187 p.
- ROZOV, M. A. [Scientific abstraction and its aspects] *Nauchnaya abstraktsiia i ee vidy*. Novosibirsk, Nauka, 1965. 136 p.
- SHCHUKINA, G. I. [For parents on aesthetic education] *Reditellam ob estestvennom vospitanii*. Leningrad, Ob-vo "Znanie" RSFSR Leningr. old-nie, 1963. 54 p.
- SITNIKOVA, I. A. [When the world of beauty is opened... the aesthetic education of children] *Kogda otkryvaetsia mir prekrasnogo... estestvennoe vospitanie detei*. Moskva, Znanie, 1964. 79 p. (Narodnyi universitet Pedagogicheskii fakul'tet, no. 11)
- STOLIAR, A. A. [Elementary introduction to mathematical logic, a textbook for teachers] *Elementarnoe vvedenie v matematicheskuyu logiku, posobie dlia uchitelei*. Moskva, Prosveshchenie, 1963. 161 p.
- TYSZKIEWICZ, STANISLAW. [Concise Latin-Russian theological dictionary] *Kratkii latinsko-russkii bogoslovskii slovar'*. New York, Russian Center, Fordham University, 1954. 126 p. (DDO)
- #### 4. HISTORY
- AGIBALOVA, E. V., and G. M. DONSKOI. [Methodology of teaching the history of the Middle Ages] *Metodika prepodavaniia istorii srednikh vekov, posobie dlia uchitelei*. Moskva, Prosveshchenie, 1966. 312 p.
- AKADEMIJA NAUK AZERBAJDZHANSKOI SSR. Baku. Institut istorii. [Azerbaijan during the first Russian revolution] *Azerbaidzhan v gody pervoi russkoi revoliutsii, sbornik statei*. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1966. 257 p.
- AKADEMIJA NAUK AZERBAJDZHANSKOI SSR. Baku. Institut istorii. [Problems in the history of Azerbaijan, a collection of articles of graduate students] *Voprosy istorii Azerbaidzhana; sbornik statei aspirantov*. Baku, Izd-vo Akad. nauk SSR, 1966. 253 p.
- AKADEMIJA NAUK GRUZINSKOI SSR. Tbilisi. [Academician E. S. Takaishvili; his life and work] *Akademik E. S. Takaishvili, zhizn' i delaetnost'*. Sbornik statei. Tbilisi, Metsnereba, 1966. 212 p. [In Georgian]
- AKADEMIJA NAUK GRUZINSKOI SSR. Tbilisi. Institut rukopisei. [Archival materials relating to the political and cultural life of Georgia in the 1870's; Tumanishvili's correspondence with the members of his family] *Arkhivnye materialy ob obshchestvenno-kul'turnoi zhizni Gruzii 70-ykh godov XIX veka; Semeinala perepiska Tumanishvili*. Tbilisi, Metsnereba, 1965. 287 p. [In Georgian and Russian]
- AKADEMIJA NAUK SSSR. Institut Afriki. [Problems in the history of Africa] *Problemy istorii Afriki*. Moskva, Nauka, 1966. 285 p.
- AKADEMIJA NAUK SSSR. Institut istorii. [Complete collection of Russian chronicles] *Polnoe sobranie russkikh letopisei*. Moskva, Nauka. Vol. 15. No. 1. [Rogozhskii chronicles] *Rogozhskii letopisets*. Vol. 15. [Tver collection] *Tverskoi sbornik*. 1965. 186, 504 columns.
- AKADEMIJA NAUK SSSR. Institut istorii. Leningradskoe otdelenie. [District soviets of Petrograd in 1917; proceedings, resolutions, and decisions of the general sessions and meetings of the executive committees] *Raionnye Sovety Petrograda v 1917 godu; protokoly, rezoliutsii, postanovleniia obshchikh soborani i zasedaniia ispolnitel'nykh komitetov*. Moskva, Nauka. Vol. 3. 1966. 404 p.
- AKADEMIJA NAUK UZBEKSKOI SSR. Tashkent. Institut istorii i arkheologii. [History of the material culture of Uzbekistan] *Istoriia material'noi kul'tury Uzbekistana*. Tashkent, Izd-vo "Nauka" UzSSR. No. 5. 1964. 245 p.
- AKOPIAN, T. KH. [Kingdom of Shunk; in its historical and geographical aspects, TSars'vo Shunka, v ego istoriko-geograficheskom ponimani. Erevan, "Mik" 1966. 219 p. [In Armenian]
- ALEKSA, OSVALD S. [In the path of storms, biography of a worker] *Elma, neslennkchumas vcioms, darbininko biografija*. Vilnius, Mintis, 1965. 65 p. [In Lithuanian]
- ALEKSASHENKO, A. P. [Defeat of the Denikin Army] *Krakh denikinshchiny*. [Moskva] Izd-vo Mosk. univ., 1965. 291 p.
- AZERBAIJAN. Arkhivnoe upravlenie. [A guidebook to the Central Archives of Documentary Motion Pictures, Photographs, and Phonograph Records of the Azerbaijan S. S. R.] *Tsentral'nyi gosudarstvennyi arkhiv kinofotofondokumentov Azerbaidzhanskoi SSR, putevoditel'*. Baku, 1964. 169 p. illus.
- BARANASKAS, B. [Nineteen years in the underground] *Dvyntolika metu pogradyjo*. Vilnius, Vaga, 1965. 242 p. [In Lithuanian]
- BELEN'KII, A. B. [Kartini, a daughter of Indonesia] *Kartini - doch' Indonezii*. Moskva, Nauka, 1966. 71 p.
- BERDZENISHVILI, N. A. [Problems in the history of Georgia] *Voprosy istorii Gruzii*. Tbilisi, Metsnereba. [In Georgian and Russian] Book 2. 1965. 513 p.
- BERDZENISHVILI, M. M. [The outward appearance of 18th century Tiflis. Vneshtni vid Tbilisi v XVIII veke. Tbilisi, Metsnereba] 1965. 90 p. [In Georgian]
- BOCHIN, N. D. [Sealed in blood] *Krov'iu skieplomala*. Moskva, Znanie, 1966. 50 p. (Novoe v zhizni, nauke, tekhnike. X Seriya Molodozhnaya, no. 5)
- BORZUNOV, S. M. [Left bank, right bank... Beregi levyi, beregi pravyi... Moskva, DOSAAF, 1966. 158 p.
- [BRIEF HISTORY OF CHELYABINSK PROVINCE] *Kratkii ocherk istorii Cheljabinskoi oblasti*. [Cheljabinsk] Izd-vo Ural'skoe knizhnoe izd-vo, 1965. 515 p.
- ENGELS, FRIEDRICH. [Anti-Dühring; Herr Eugen Dühring's revolution in science. Translated from the German] *Anti-Düring, perevorot v nauke proizvedennyi gosposidnom Evgeniem Düringom*. Moskva, Politizdat, 1966. 482 p.
- GADZHENSII, D. D. [In the fire of revolutionary struggle; the industrial and factory commissions in the Baku petroleum industry district during the years of the first Russian revolution] *V ognie revoliutsionnoi borby; promyslovye i zavodskie komitety v Bakinskoi neftepromyshlennom raione v gody pervoi russkoi revoliutsii*. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 178 p.
- GORELIKAS, JAKOVAS. [Soldier of the revolution] *Revoliucijos karys*. [Vilnius, Mintis, 1965] 43 p. [In Lithuanian]
- GUREVICH, A. IA. [Expeditions of the Vikings] *Pokhody vikingov*. Moskva, Nauka, 1966. 181 p. (Nauchno-populiarnaya seriia)
- GUSEINOV, A. A., and M. R. VEKLOV. [Mikhail Kaverochkin; a biographical sketch] *Mikhail Kaverochkin; biografik ocherk*. Baku, Azerneshtr, 1965. 38 p. [In Azerbaijani]
- IMANOV, G. R. [The role of the people's masses and individuals in history] *Khaig kutielorin ve shokhtaj-jotin tarikhde rolu*. Baku, Azerneshtr, 1965. 39 p. [In Azerbaijani]
- IUNGA, E. S. [For you, Sevastopol! From the cycle "The Black Sea Odyssey"] *Za tebia, Sevastopol!* Iz tsikla "Chernomorskaia Odissia" [Moskva] Glav. polit. upravlenie Sovetskoi armii i Voennno-Morskogo flota, 1966. 48 p. (Bibliotekha zhurnala "Sovetskii voln," no. 8(531))
- IURASOVA, M. K. [Omsk, sketches on the history of the city] *Omsk, ocherki istorii perioda*. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 269 p.
- IVANOV, V. A. [Heroes of the land of Novgorod] *Geroi zemli Novgorodskoi*. [Leningrad] Izd-vo, 1966. 231 p.
- KAZILEV, M. A. Moshadi Azibekov. Baku, Azerneshtr, 1966. 139 p.
- KOCHILALI, FIRUDIN. [Tizeti Gadzhilbekova's author-political views] *Uzroki tizeticheskoi avtorial'skoi koiushetii*. Baku, Azerneshtr SSSR Elantr Akademijasy neshi ijaly, 1965. 90 p. [In Azerbaijani]
- KONDRAT'EV, N. D. [A man with a mission] *Chelovek dolga*. Moskva, Politizdat, 1966. 110 p. (Geroi i podvigi)
- KOROTAEV, F. F. [Kungur in the years of revolution] *Kungur v gody revoliutsii*. [Perm'] Perm'skoe knizhnoe izd-vo, 1965. 78 p. (CSI-II)
- KOZLOV, I. A. [Not time, not distance] *Ni vremia, ni rassaianto*. [Moskva] Molodai gvardia, 1965. 317 p.
- LATYSHEVA, G. P., and M. G. RAMNOVICH. [Moscow in the distant past] *Moskva v dalekom prošlom*. Moskva, Nauka, 1966. 240 p. (Nauchno-populiarnaya seriia)
- LEBEDEV, A. G. [Notes of a combat engineer] *Zapiski sapera*. Moskva, DOSAAF, 1966. 155 p.
- LENINGRAD. GOSUDARSTVENNYI MUZEI REVOL'UTSII. [Guidebook to the Museum of the Great October Socialist Revolution] *Gosudarstvennyi muzei Velikoi Oktabskoi sotsialisticheskoi revoliutsii, putevoditel'*. [Leningrad] Izd-vo, 1965. 288 p.
- LIUSTININ, G. I. [Lines written with blood] *Stroki, napisanye krov'iu*. Moskva, Znanie, 1965. 127 p. (Pochti tovaishchii)
- [MICROFILM]
- LUKIN, A. A. [Second] *Razvedchiki*. Moskva, Znanie, 1965. 174 p. (Pochti tovaishchii) [3. izd., 1966] [MICROFILM]
- MAMEDZADE, N. B. [Gandhi Sultanov, a biography in sketch] *Gandhi Sultanov, biografik ocherk*. Baku, Azerbaidzhan Dvlet nehriljaly, 1966. 118 p. [In Azerbaijani]
- MARINSKII, E. P. [Below is the front line, a sketch of a story] *Vnizu - peredni krai, dokumental'naia povest'*. Moskva, Politizdat, 1966. 273 p.
- MARKARIAN, E. S. [The concept of local civilizations, a critical study] *O kontsepsii lokal'nykh tsivilizatsii: kriticheskii ocherk*. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1962. 177 p. (Problemy razvitiia ideologii, no. 3)
- MARTYNOV, V. F. [Communist party in the struggle for the consolidation and development of socialist society] *Strengthening of the defense capacity of the country, 1937-June 1941* *Kommunisticheskaia partiia v borbe za uprochnenie i razvitiie sotsialisticheskogo obshchestva, Ustanie obronospobnostii strany (1937 god-Itun' 1941 goda)*. Moskva, Mysl', 1966. 174 p. (Istoriia KPSS Kurs lektsii, tema XIV)
- MARX, KARL, and FRIEDRICH ENGELS. [Collected works. Translated from the German] *Sochineniia*. Izd. 2. Moskva, Politizdat. Vol. 30. 1966. 713 p.
- MEDVEDEV, A. F. [Hand-operated missile weapons (bows and arrows, crossbows) of the 8th-14th century] *Ruchnoe stolat'noe oruzhie (luk i strely, samostrel) VIII-XIV vv.* Moskva, Nauka, 1966. 170 p. plates. (Arkhologicheskii, svod arkheologicheskikh istochnikov, no. 81-30)
- MENTESHAISHVILI, A. M. [From the history of the Kurdish national liberation movement in Iraq, 1919-1925] *Iz istorii kurdskogo natsional'no-osvoboditel'nogo dvizheniia v Irake, 1919-1925*. Tbilisi, Metsnereba, 1965. 88 p. [In Georgian]

MEZHKOBLASTNAYA NAUCHNO-TEORETICHESKAYA KONFERENTSIYA, POSVYASHCHENNAYA 60-LETIU II S'EZDA RSDRP. 1964. [Communists of Eastern Siberia in the struggle for the victory of the Soviet regime and the building of communism, materials] Kommunisty Vostochnoi Sibiri v boi'be za pobedu Sovetskoi vlasti i postoyennie kommunizma, materialy [fruktiv] Vostochno-Sibirskoe knizhnoe izd-vo, 1965, 317 p.

MIASNIKIAN, A. F. [Selected works. Translated from the Armenian] Izbrannyye proizvedeniya. Erevan, Arastan, 1965, 708 p.

NADZHAFOV, KH. B. [Samedaga Agamall ogy, a biographical sketch] Samedaga Agamalyoglu, biografik ocherk. Baky, Azernesht, 1966, 53 p. [In Azerbaijani]

NALBANDIAN, A. T., comp. [Arabic sources on Armenia and adjoining countries; Yakut al-Hamawi, Abu-l-Fida, and Ibn Shaddad] Arabskie istochniki ob Armenii i sosednykh stranakh. Yakut al-Khamavi, Abu-l-Fida, Ibn Shaddad. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1965, 365 p. [In Armenian]

NALBANDIAN, E. A., and R. N. DANILYANTS. [Suren Grigor'evich Oseplan, a biographical essay] Suren Grigor'evich Oseplan, biografik ocherk. Baky, Azernesht, 1965, 51 p. [In Azerbaijani]

NURULLIN, R. A. [Soviets of the Turkestan A.S.S.R. during the period of foreign military intervention and the civil war] Sovety Turkestanskoi ASSR v period inostrannoi voennoi interentsii i grazhdanskoi volny. Tashkent, Izd-vo "Nauka" U.S.S.R., 1965, 224 p. (MII)

[PEASANT WARS IN RUSSIA IN THE 17th AND 18th CENTURIES] Krest'ianskie volny v Rossii XVII-XVIII vv. [By] I. I. Smirnov i dr. Moskva, Nauka, 1966, 328 p.

PETROSIANTS, KH. S. [Man with wings. Kiyatyl chetovek. Erevan, Arastan] 1965, 80 p. [In Armenian]

PITSKHELURI, K. N. [Ancient culture of the tribes inhabiting the territory of the Lori-Alzani basin; based on the archaeological materials of the pre-classic period] Drevnaya kul'tura plemen, naselivshikh territoriyu Loro-Alzanskogo basseina; po arkhologicheskim materialam doedinnogo vremeni. Tbilisi, Metsnereba, 1965, 147 p. illus. [In Georgian]

PUSHKASH, A. I. [Hungary in the years of the Second World War] Vengriya v gody Vtoi mirovoi volny. Moskva, Nauka, 1966, 524 p. (Vtoraya mirovaya volna v issledovaniyakh, vospominaniyakh i dokumentakh)

RIABKOV, G. T. [Peasant movement in Smolensk Government during the period of the decay of serfdom, the end of 18th to the first half of the 19th century] Krest'ianskoe dvizhenie v Smolenskoi gubernii v period razlozheniya i opozitsionnogo konsta XVIII-pervaya polovina XIX vv. [Smolensk] Smolenskoe knizhnoe izd-vo, 1957, 164 p. map. (MII)

RODIMTSEV, A. I. [On the banks of the Manzanar and the Volga] Na beregakh Manzanaresa i Volgi. Petrozavodsk, Karol'skoe knizhnoe izd-vo, 1966, 273 p.

ROGOV, A. I. [Russian-Polish cultural relations during the Renaissance period, Strykowski and his Chronicle] Russko-pol'skie kul'turnye svyazi v epokhu Vozrozhdeniya; Strykovskii i ego Khronika. Moskva, Nauka, 1966, 307 p.

RUDNEV, D. M. [Preserved by people and time, documentary sketches] Sberezhennoe ljud'mi i vremenem; dokumental'nye ocherki. Tallin, Eesti Raamat, 1965, 201 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosvetsheniya. [Secondary school programs for the 1965-1966 school year; modern and current history of foreign countries, history of the U. S. S. R.] Programmy srednei shkoly na 1965/66 uchebnyi god, novaya i novolishaya istorii zaubezhnykh stran, istoria SSSR. Moskva, Vysshaya shkola, 1966, 52 p.

SAMEDOV, V. U. [Dissemination of Marxism-Leninism in Azerbaijan] Rasprostraneniye marksizma-leninizma v Azerbaidzhane. Baku, Azernesht. Pt. 2. [Years of the first Russian revolution] Gody pervoi russkoi revoliutsii. 1966, 633 p.

SEMEDNOV, A. S. [Unforgettable encounters with V. I. Lenin. As told to I. Panachevnyi] Nezabyvaemye vstrechi s V. I. Leninyim. Literaturnaya zapis' I. Panachevnogo, Kishinev, Karta moldovenaske, 1965, 20 p.

SEMEDNOVA, L. A. [Saladin and the Mamelukes in Egypt] Salakh ad-din i Mamuki v Egipte. Moskva, Nauka, 1966, 213 p.

SHEPELEV, L. E. [Work of the researcher with archival materials] Rabota issledovatelya s arkhivnymi dokumentami. Moskva, Nauka, 1966, 128 p.

SOBOLEV, G. L. [Scientists of Leningrad during the Great Patriotic War, 1941-1945] Uchenyye Leningrada v gody Velikoi Otechestvennoi volny, 1941-1945. Otv. red. V. M. Koval'chuk. Moskva, Nauka, 1966, 171 p.

SOLODAR', TS. S. [Moscow is behind us, documentary stories on the heroic members of the Komsomol who participated in the Battle of Moscow] Za nashei spinoi - Moskva, dokumental'nye rasskazy o komsomol'tsakh - geroinakh boev pod Moskvoy. Moskva, Izd-vo "Znanie," 1966, 61 p. (Novoe v zhizni, nauche, tekhnike X Seriya Molodezhnaya, no. 6)

SOROKIN, Z. A. [Fighter planes are intercepting] Istrebiteli idut naprotiv. Moskva, DOSAAF, 1965, 203 p.

SPOKIENE, O. [From Alauas to Orel] Nuo Alauaso iki Orloto. Vilnius, Vaga, 1966, 247 p. [In Lithuanian]

TARASOV, A. A. [Kazan Bolsheviks in the period of preparation for and conduct of the October Revolution] Kazanskii bol'shevik v period podgotovki i provedeniya Oktabr'skoi revoliutsii. Kazan', Tatknigolizdat, 1966, 152 p. (MII)

TARASOV, P. P. [Aleksandropol' Fortress; reminiscences of an old soldier. Aleksandropol'skaya krespost'; vospominaniya starogo soldata. Erevan, Arastan] 1966, 149 p. [In Armenian]

TERNOVOI, O. S. [José Martí] Khoso Marti. Moskva, Mysl', 1966, 205 p. (Mysli i delo proshlogo)

VAARMAN, ALMA. [Stronger than death; biography of Vilhelmine Klementi. Translated from the Estonian] Sil'nee smerti, biografiya Vil'hel'mine Klementi. Tallin, Eesti Raamat, 1966, 377 p. (Publ. under her name A. Varman-Zil'ber)

WIEDER, JOACHIM. [Catastrophe at the Volga River, recollections of Paulusa, the reconnaissance officer of the 6th Army. Translated from the German] Katastrofa na Volge, vospominaniya ofitsera-razvedchika 6-i armii Paulusa. Moskva, Progress, 1965, 334 p. (CS-1)

ZIVCZDA, J., ed. [History of the Lithuanian S.S.R.; a textbook for grades 7 and 8. Translated from the Lithuanian] Istorija Litovskoi SSR; uchebnik dlia VII-VIII klassov. [By] A. Borlinskene i dr. Kaunas, Shviesa, 1966, 166 p.

ZORINA, A. M. [Camilo Cienfuegos, a hero of the Cuban revolution] Kamilo S'enfuegos - geroi kubinskoi revoliutsii. Moskva, Nauka, 1966, 68 p. (Nauchno-popul'naya seriya)

5. SOCIAL SCIENCES

ABAEV, V. D. [Potentialities of agriculture and their efficient use, based on the example of South Ossetia] Rezervy sel'skogo khozaistva i ikh ratsional'noe ispol'zovanie, na primere Iuga-Osetii. Tbilisi, Metsnereba, 1965, 540 p.

AKADEMIA NAUK GRUZINSKOI SSR. Tiflis. Batumskii nauchno-issledovatel'skii institut. [Culture and mode of life of the population of Adjara] Kul'tura i byt naseleniya Adzharii. Tbilisi, Metsnereba, 1965, 248 p. [In Georgian]

AKADEMIA NAUK GRUZINSKOI SSR. Tiflis. Institut istorii, arkhologii i etnografi. [The new living conditions and culture of the workers of Georgia; an ethnographic collection] Novyi byt i kul'tura rabochikh Gruzii; etnograficheski sbornik. Tbilisi, Metsnereba, 1965, 74 p. [In Georgian]

AKADEMIA NAUK SSSR. Institut etnografi. [Against racism, racism in the countries of the "free world" and the new stage of the struggle against it] Protiv razizma; razizm v stranakh "svobodnogo mira" i novyi etap bor'by protiv nego. Moskva, Nauka, 1966, 347 p.

AKADEMIA NAUK SSSR. Institut filosofii. [Communism and culture; characteristics of the formation and development of the new culture] Kommunizm i kul'tura, zakononostoi formirovaniya i razvitiya novoi kul'tury. Moskva, Nauka, 1966, 425 p.

AKADEMIA NAUK SSSR. Institut narodov Azii. [French policy in Asia and Africa, 1945-1964] Politika Prantsii v Azii i Afrike (1945-1964 gg.). Moskva, Nauka, 1965, 409 p.

AKADEMIA NAUK SSSR. Institut narodov Azii. [Social and economic consequences of agrarian reforms and the social structure of the village in the developing countries of Asia and Africa] Sotsial'no-ekonomicheskie posledstviya agrarnykh reform i sotsial'naya struktura derevni v razvivayushchikh stranakh Azii i Afrike. Moskva, Nauka, 1966, 250 p.

AKADEMIA NAUK DSSR. Minsk. Institut ekonomiki. [Socialist reorganizations in the economy of White Russia in 1917-1920] Sotsialisticheskie preobrazovaniya v ekonomike Belorusii v 1917-1920 gg. Minsk, Nauka i tekhnika, 1966, 220 p.

AKHADOV, A. F. [Happiness in work] Sعادet emekdedir. Baky, Azernesht, 1966, 61 p. [In Azerbaijani]

AKOPASHVILI, G. D. [From the history of social relations in Kartli, the 15th-18th centuries, 12 istorii sotsial'nykh otnoshenii v Kartli XV-XVIII vv. Tbilisi, Metsnereba] 1965, 162 p. [In Georgian]

ALIEV, G. S. [The future belongs to us] Kelecek bizindir. Baky, Azernesht, 1966, 45 p. (Bizim' gubaghytiar) [In Azerbaijani]

AVANESIAN, A. B. [Progressive forms of the organization of production and labor in the industry of Armenia] Poxedoye formy organizatsii proizvodstva i truda v promyshlennosti Armenii. Erevan, Arastan, 1965, 85 p. [In Armenian]

BÄCKSTRÖM, KNUT. [History of the labor movement in Sweden, 1902-1917; a political split in the labor movement and the origin of a new evolutionary labor party. Translated from the Swedish] Istorija rabochego dvizheniya v Shvetsii (1902-1917); politicheski raskol rabochego dvizheniya i vozniknoveniye novoi revoliutsionnoi rabochei partii. Predisl. i kommentarii V. V. Pokhlochina. Moskva, Progress, 1966, 362 p.

BALLER, E. A. [Culture and the cultured man] O kul'ture i kul'turnosti. Moskva, Znanie, 1966, 64 p. (Prochti, tovarishchi!)

BARAMIA LIDA. [The working class of Georgia in the period of socialist industrialization and the reconstruction of the national economy, 1920-1932. Rabochii klass Gruzii v period sotsialisticheskoi industrializatsii i rekonstruktsii narodnogo khozaistva, 1920-1932 gg. Tbilisi] 1965, 203 p. [In Georgian]

BELIAEVA, Z. N. [How to study the 1st volume of "Capital" by Karl Marx; textbook for students of the Higher Party School by Correspondence of the Central Committee of the CPSU] Kak izuchat' i tom "Kapitala" K. Marksa; metodicheskoe posobie dlia slusiatelei Zaachnoi vysshei partinnoi shkoly pri TsK KPSS. Moskva, Mysl', 1965, 42 p. (CaOTU)

BENDIANISHVILI, A. S. [Agrarian relations in Georgia in 1900-1917. Agrarnyye otnosheniya v Gruzii v 1900-1917 gg. Tbilisi, Metsnereba] 1965, 165 p. [In Georgian]

BENSMAN, E. G. [Development of culture in Khabarovsk Territory] Kul'turnoe stroitel'stvo v Khabarovskom krae, [Khabarovsk] Kul'turnoe knizhnoe izd-vo, 1965, 109 p. (CS-1)

BIRULIA, A. K. [Management of highways] Eksploataciya avtomobil'nykh dorog. Izd. 3. Moskva, Transport, 1966, 325 p.

BOGACHEVSKII, M. B. [State credit in capitalist countries] Gosudarstvennyi kredit v kapitalisticheskikh stranakh. [Leningrad] Finany, 1966, 190 p.

- BUDUNOVA, N.I., V.I. VYBOROV, and L.M. SMYSH-LAEVA. [Economic efficiency of the reconstruction of industrial enterprises] Ekonomicheskaya effektivnost' rekonstruktsii promyshlennyykh predpriyatiy. Moskva, Stroizdat, 1966. 158 p.
- CERAS, ALFONSAS. [Embezzlement and speculation - the remnants of the past] Goblins ir spekulacija - priesiles aigviena. Vilnius, Mintis, 1965. 43 p. [In Lithuanian]
- CHARKVIANI, K. N. [Electric power of Soviet Georgia, an historical and economic study. Elektricheskaya Sovetskoi Gruzii, istoriо-ekonomicheskii ocheek. Tbilisi, Sakhota Sakartvelo. In Georgian] Vol 1. 1887-1941. 1965. 354 p.
- CHEPKO, V. V. [Agriculture of White Russia in the first half of the 19th century] Sel'skoe khoziaistvo Belorussii v pervoi polovine XIX veka. Minsk, Nauka i tekhnika, 1966. 218 p.
- DADASHEV, K. K. [Trade union organizations in the struggle for large-scale chemistry in Azerbaijan] Profsoyuznye organizatsii v bor'be za bol'shuu khimiiu Azerbaidzhana. Baku, Azerneshr, 1965. 64 p. [Biblioteka brigady kommunalisticheskogo tuda]
- DIASAMIDZE, D. S. [Structure and rates of growth of the gross agricultural output of the Georgian S. S. R.] O strukture i tempakh rosta valovoi produktii sel'skogo khoziaistva Gruzinskoi SSR. Tbilisi, Metsnereba, 1965. 147 p. [In Georgian]
- DZHIDLADZE, V. P. [Improving construction management and its economic efficiency] Sovershenstvovanie upravleniya stroitel'stvom i ego ekonomicheskaya effektivnost'. Tbilisi, Metsnereba, 1965. 172 p. [In Georgian]
- DZHIDZELISHVILI, M. G. [On the history of the laboring class of Georgia, 1917-1921] K istorii rabochego klassa Gruzii (1917-1921 gg.). Tbilisi, Metsnereba, 1965. 212 p. [In Georgian]
- EFREMOV, S. A. [On the road toward the development of industrial chemistry, the collective of the Nizhny Tagh Plastics Plant competes for the distinguished communist title] Na puti k bol'shoi khimii, kollektiv Nizhne-Tagh'skogo zavoda plastmassa sorevnivatsia za pochetnoe kommunisticheskoe zvanie [Sverdlovsk] Sverdlovskoe khimznoe izd-vo, 1963. 73 p. [MICROFILM]
- EGIAZARIAN, B. O. [New stage in stimulating the efficiency of capital investments and production. Novyi etap stimulirovaniia effektivnosti kapital'nykh vložhenii i proizvodstva. Erevan, Alastan, 1966. 44 p. [In Armenian]
- [THE ESTONIAN VILLAGE TODAY] Eestl kula tänapäev. Tallinn, Eesti Raamat, 1965. 60 p. illus. [In Estonian]
- FEDOROVA, T. N. [Sociopolitical thought in White Russia and the "Minskii listok," 1886-1902] Obshchestvenno-politicheskaya mysli v Belorussii i "Minskii listok" (1886-1902 gg.). Minsk, Nauka i tekhnika, 1966. 130 p.
- [FOREMOST PEOPLE IN VILLAGES. Periodoviki sela. Tbilisi, Sakhota Sakartvelo] 1966. 148 p. [In Georgian]
- GARETOVSKII, N. V. [Economic incentive funds of enterprises] Fondy ekonomicheskogo stimulirovaniia predpriyatiy. Moskva, Finansy, 1966. 54 p. [Finansy promyshlennosti]
- GOGOKHIA, R. A. [Role of state farms in agriculture. Rol' sovkhovov v sel'skom khoziaistve. Tbilisi, Sakhota Sakartvelo] 1966. 97 p. [In Georgian]
- GUSEV, T. Sh. [Permanent production conferences] Daimni sichebat' mushavireleri. Baku, Azerneshr, 1965. 30 p. [In Azerbaijan]
- GUSEV, S. G. [Analysis of the managerial operations of building materials industry enterprises] Analiz khoziaistvennoi deiatel'nosti predpriyatiy promyshlennosti stroitel'nykh materialov. Moskva, 1966. 287 p.
- [HERE IS WHAT A COMPLEX IS] Vot chto takoe kompleks! [Magadan, Magadanskoe knizhnoe izd-vo, 1963] 61 p. [MICROFILM]
- IL'IN, S. I. [Organization of labor in a cement plant] Organizatsiia tuda na tsementnom zavode. Moskva, Stroizdat, 1966. 185 p.
- IVANOV (Province). Upravlenie gosudarstvennykh trudovykh sberegatel'nykh kass i gosudarstvennogo kredita. [Institutions of good humor] Uchi zhidlenia dobrogogo nastoieniia. [Moscow], 1965. 22 p. [MICROFILM]
- KARTASHOV, N. F. [Scientific labor organization is party business] NOT - delo partinnoe. Moskva, politizdat, 1966. 40 p. [Voprosy partijnogo stroitel'stva]
- KASITSKII, I. Ia. [Figures-pathfinders, letters about economic analysis] TSifry-pis'ma ob ekonomicheskoi analize. Moskva, Izd-vo "Znanie" Nos. 1-2. 1966. 2 v. [Nauchnyi universitet Tekhniko-ekonomicheskii fakul'tet, nos. 1/2-3]
- KASPEROVICH, E. K. [Ways to increase labor productivity in the machinery industry, from the work practices of enterprises in the White Russian S. S. R.] Puti povysheniia proizvoditel'nosti tuda v mashinostroeni, iz opyta raboty predpriyatiy Belorusskoi SSR. Minsk, Nauka i tekhnika, 1965. 213 p.
- KHALAFOV, M. S., and A. G. ALIEV. [Law on pensions and allowances to collective farmers] Kolkhozcharylarn pensii va muavnet hugun, sualari ve elayablar. Baku, Azernesha, 1966. 58 p. [In Azerbaijan]
- KHARADZE, R. L., and A. I. ROBAKIDZE. [The Mtsketi village in the past] Mtsket'skoe selo v prezhnem. Tbilisi, Metsnereba, 1965. 85 p. illus. [In Georgian]
- KHOSHTARIA, E. V. [Industrial development and the formation of the laboring class in Georgia in the 19th century; the development of the manufacturing industry. Razvitiie promyshlennosti i formirovaniie rabocheho klassa v Gruzii XIX veka; razvitiie obrabatyvalushcheli promyshlennosti. Tbilisi, Metsnereba] 1966. 226 p. [In Georgian]
- KHUDAVERDIAN, K. S. [Cultural revolution in Soviet Armenia, 1920-1940] Kul'turalna revoliutsiia v Sovetskoi Armenii, 1920-1940. Erevan, Izd-vo AN Armianskoi SSR, 1966. 304 p.
- KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaya partinnaia shkola. [Planning in industrial enterprises] Planirovaniie na promyshlennykh predpriyatiakh, uchebnoe posobie. Moskva, Mysl', 1966. 282 p.
- KONDRASHOV, S. N. [Watching America] Nabludeniia Ameriku. Izvestiia, 1965. 173 p. [Biblioteka "Izvestii"]
- KORNIENKO, V. T., and G. V. PETROV. [Price control in trade] Kontrol' za tsenami v torgovio. Moskva, Izd-vo Tsentrsoiuza, 1963. 82 p.
- KORYTIN, IURII. [Norm of the worker's conscience] Norma rabochoi sovesti. Baku, Azerneshr, 1965. 45 p. [Biblioteka brigady kommunalisticheskogo tuda]
- KOSOI, A. M. [Ways to accelerate payments in the national economy] Puti uskoreniia raschetov v narodnom khoziaistve. Moskva, Finansy, 1966. 126 p.
- KOVAL'CHAK, H. I. [Development of industry in the western provinces of the Ukraine for the 20 years, 1939-1958; an historical economic study] Rozvytok promyselovosti v zakhlydnykh oblastakh Ukrainy za 20 rokiv Radians'koi vyny (1939-1958 rr.); istoriko-ekonomichnyi narys. Kyiv, Naukova dumka, 1965. 183 p.
- KRAEVSKII, B. P. [This did not need to happen] Etogo moglo ne stuchitsia. Moskva, Znanie, 1966. 76 p. [Narodnyi universitet: Pedagogicheskii fakul'tet, no. 3]
- KRASNOKUTSKA, O. I. [Production of the means of production in the U.S.S.R. during the period of the creation of the material and technical base of communism] Vyrobnystvo zasobiv vyobnystva v SRSR (u period stvorennia material'no-tekhnichnoi bazy komunizmu). Kyiv, Naukova dumka, 1966. 160 p.
- KRAVTSOV, N. M., and I. N. KUZNETSOV. [Firms are a good thing] Firmy - khoroshii. Moskva, Sovetskaiia Rossiia, 1966. 126 p.
- KUFS, M. T. [Problems of collective-farm construction in the Ukraine, 1920-1941] Pytannia kolhoznobnoho budyvatstva na Ukraini (1920-1941 rr.). [Lviv] Vyd-vo Lviv's'koho univ., 1965. 277 p.
- KUZ'MIN, S. A. [The developing conditions: Employment and capital investments, possibilities and problems of utilizing the inadequately mechanized industries in economic development (based on materials from the countries of Southeastern Asia)] Razvivaiushchiesia slaiyny; Zmaitost' i kapitalovlozheniia; vozmozhnosti i problemy ispol'zovaniia malomekhanizirovanoi promyshlennosti v ekonomicheskoi razviti (na materialakh stran Ugo-Vostochnoi Azii). Moskva, Mysl', 1965. 194 p.
- KVASHA, I. A. [Statistics of the new equipment, the mechanization of labor, and production automation, the concentration and specialization of industrial production] Statistika novoi tekhniki, mekhanizatsiia tuda i avtomatizatsiia proizvodstva, koncentratsiia i spetsializatsiia promyshlennogo proizvodstva. Moskva, Statistika, 1966. 267 p.
- LIDUMS, L. M. [Mathematical methods of computing differential income on collective farms] Matematicheskie sposoby rachyeniia differentsial'nogo dokhoda v kolhozhakh. Moskva, Ekonomika, 1965. 63 p.
- MACTESIAN, TS. TS. [Production of the national income in the Armenian S. S. R. Proizvodstvo natsional'nogo dokhoda v Arm. SSR. Erevan, Alastan, 1965. 160 p. [In Armenian]
- MAKAROV, V. G. [Theory of accounting] Teoriia bukhal'terskogo ucheta. Moskva, Finansy, 1965. 336 p.
- [MANUAL FOR THE WORKER OF THE PERSONNEL DEPARTMENT IN CONSTRUCTION] Spravochnik rabotnika otdela kadrov na stroitel'stve. Kiev, Budel'tnyk, 1966. 230 p.
- MEKITIEV, M. G. [For the honor of the factory] Zavodim shereft igrudka. Baku, Azerneshr, 1965. 36 p. [In Azerbaijan]
- MINABDE, A. I. [Control by all the people, Obshche-narodnyi kontrol'. Tbilisi, Sakhota Sakartvelo] 1966. 160 p. [In Georgian]
- MILLIONSHCHIKOV, A. D., and V. P. OLSHI VSKAIA. [Collective farm income tax] Podkhozhoznyi dogod kolkhozov. Moskva, Finansy, 1966. 60 p.
- MIRTSKHULAVA, I. I. [The October Revolution and the agrarian-peasant problem in Georgia, 1917-1921. Oktobr'skaiia revoliutsiia i agrarno-krest'ianskii vopros v Gruzii, 1917-1921 gg. Tbilisi, Sakhota Sakartvelo. In Georgian] [Vol. 2. 1965. 225 p.
- MOSCOW. AKADEMIIA OBNISHESTVENNYKH NAUK. [Natural resources and the effectiveness of their utilization] Prirodnye resursy i effektivnost' ikh ispol'zovaniia. Moskva, Mysl', 1966. 240 p.
- MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. [Economics and politics of capitalist countries] Ekonomika i politika kapitalisticheskikh stran. Pod red. N. R. Volkmana. Moskva, 1965. 284 p. [Ile: Uchenye zapiski]
- MOSCOW. NAUCHNO-ISLEDOVATEL'SKII EKONOMICHESKII INSTITUT. [Comparing the levels of economic development of the socialist countries] Sopotavleniie urovnei ekonomicheskogo razvitiia sotsialisticheskikh stran. Moskva, Ekonomika, 1965. 205 p.
- MOSCOW. NAUCHNO-ISLEDOVATEL'SKII INSTITUT EKONOMIKI STROITEL'STVA. [Collection of standard estimates of labor expenditures and wages for the construction of large-panel apartment houses according to series 1-336A standard designs, general construction, finishing, sanitary engineering, and electrical installation work] Sbornik tipovykh kal'kulatsii zatrat tuda i zarabotnoi platy na stroitel'stvo krapnopanel'nykh zhilykh domov po tipovym proektam seri 1-336A, obshchestroitel'noe, otdelochnye, sanitarno-tekhnicheskoe i elektromontaznye raboty. Moskva, Stroizdat, 1965. 205 p.
- MOURAVITSE, D. N. [Production costs and the problems of reducing them in the building materials industry. Sboestoiimosti produktii i voprosy ee snizheniia v promyshlennosti stroitel'nykh materialov. Tbilisi, Metsnereba] 1965. 238 p. [In Georgian]

MURADIAN, A.A. [Pages from the past of the Armenian Komsomol. Stanitsy iz proshlogo komsomola Armenii. Erevan, Aratsian] 1966. 76 p. [In Armenian]

[NATIONAL ECONOMY OF THE TAJIK S.S.R. IN 1964, a statistical yearbook] Na odnue khoziaistvo Tadzhikskoi SSR v 1964 godu, statisticheskiy ezhegodnik. Dushanbe, Statistika, 1965. 273 p.

NAZARENKO, V.I. [Economics of raising fur animals for meat in the U.S.S.R.] Ekonomika miasnogo skotovodstva SSSR. Moskva, Kolos, 1966. 133 p.

NAZAROV, M.G., and N.G. KOZLOV. [The farm, the store, and the consumer] Fitma, magazin, pokupatel'. [Moskva] Moskovskii rabochii, 1966. 92 p.

[NEON JUNGLES, stories by journalists] Neonovye dzhungli, rasskazy zhurnal'istov [By] V.B. Kasab. Izd. Moskva, Detskaya literatura, 1966. 124 p. illus.

NIKITIN, N.P., E.D. PROZOROV, and B.A. TUTYKHIN, eds. [Economic geography of the U.S.S.R.] Ekonomicheskaya geografiya SSSR. Moskva, Prosveshchenie, 1966. 717 p. fold maps (insert)

NOVOSIBIRSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. [Activity of the party organizations of Western Siberia during the period of the restoration of the national economy, 1920-1925] Detalei'nost' partiynskikh organizatsii Zapadnoi Sibiri v period vosstanovleniya narodnogo khoziaistva, 1920-1925 gg., sbornik statей. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965. 98 p.

NURULLAEV, A. [Building up the socialist agricultural personnel of Uzbekistan] Formirovaniye kadrov rabochikh sotsialisticheskogo sel'skogo khoziaistva Uzbekistana. Tashkent, Nauka, 1966. 113 p. (CST-II)

PARKHOMKO, A.P., B.T. MILERUD, and E.I. OBU-SHINSKII. [Credits of the State Bank and their use in the food industry] Kredit Gosbanka i ikh ispol'zovanie v pishchevoi promyshlennosti. Moskva, Pishchevala promyshlennost', 1964. 166 p. (Ekonomika i organizatsiya pishchevoi promyshlennosti) (VU)

PARYGIN, B.D. [What is social psychology] Chto takoe sotsial'naya psikhologiya. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 37 p.

PERCHIK, A.I. [Economics and the organization of work in oil well testing] Ekonomika i organizatsiya rabot po opitovaniyu skvazhin. Moskva, Nedra, 1966. 101 p.

PISKOPPEL', F.G. [Plastics, the world capitalist market] Plastikcheskiy rynok: mi ovoi kapitalisticheskii rynek. Moskva, IMO, 1966. 120 p.

POPOV, S.I. [The philosophy of the present-day rightist socialists in a blind alley] Filosofiya sovremennykh pravyykh sotsialistov v tupike. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika. II Seriya; Filosofiya, no. 8)

POSKONOV, A.A. [The bank and the enterprise] Bank i predpriyatiye. Moskva, Znanie, 1966. 38 p. (Novoe v zhizni, nauka, tekhnika. III Seriya; Ekonomika, no. 7)

RABINOVICH, I.E. [Great Britain, Ireland; an outline of their economic geography] Veikobritaniya, Irlandiya; ekonomiko-geograficheskiy ocherk. Moskva, Prosveshchenie, 1966. 160 p.

RAZNA TOVS'KYI, I.M. [Development of the organizational and legal forms of industrial management in the Ukrainian S.S.R., 1917-1956] Rozvytok organizatsiino-pravovykh form upravlinnya promyslovistvu Ukrainy'koï RSR, 1917-1956 r.r. Kyiv, Naukova dumka, 1965. 169 p.

REISNER, L.I., and G.K. SHIROKOV. [Modern Indian bourgeoisie] Sovremennaya indiskaya burzhaziya. Moskva, Nauka, 1966. 208 p.

ROGOVTSEV, S.E. [Financial planning in industrial enterprises] Finansovoe planirovaniye na promyshlennykh predpriyatiyakh. Moskva, Finansy, 1966. 174 p.

RUSSIA (1917- R.S.F.S.R.) Tsentral'noe statisticheskoe upravleniye. [The R.S.F.S.R. in figures for 1965, a concise statistical abstract] RSFSR v tsifrakh v 1965 godu; kratkii statisticheskiy sbornik. Moskva, Statistika, 1966. 126 p.

RUZIEV, TURGUN. [The laboring class of Pakistan, the condition of the laboring class and the labor movement] Rabochii klass Pakistana, potozheniye rabochego klassa i rabochee dvizheniye. Moskva, Nauka, 1966. 147 p.

SAFARALIEV, I.T. [Trade-union local committees and the protection of workers' and employees' labor rights] Hekmalar ittifoqlarynyñ icat komitetleri ve fehle ve gullughlarynyñ emek huguglaryny gozarmasy. Baki, Azerneshr, 1966. 62 p. [In Azerbaijani]

SAMEDOV, D.I. [The March Picnic of the Central Committee of the CPSU (1965) and material self-interest in agriculture] Sov. IKP MK mart Pienumu ve kend tesesi i ulafatda maddi marag. Baki, Azertelehan SSR Elmiki Akademiyasy nesrihjayi, 1965. 49 p. [In Azerbaijani]

SHAROLAN, G.V. [Intravillage division of land in Soviet Armenia, 1921-1929. Vnutri selennyi razdel zemli v Sovetskoi Armenii, 1921-1929 gg. Erevan Mitk] 1965. 225 p. [In Armenian]

SHARPIN, S.A. [Tables for computing the wages of workers and employees for days of actual work according to the salary rates] Tablitsy ischisleniya zarabotnoi platy rabochikh i sluzhashchikh za otbortnyye dni po okladam. L'vov, Kamennar, 1966. 189 p.

SHEVELEVA, E.V. [Only about women, true stories] Tol'ko o zhenshtinakh: nevydumannyye rasskazy. Moskva, Sovetskaya Rossiya, 1966. 123 p.

[SILVER SPOON] Serebrannaya forika. [Moskva] Motodala gvardiya, 1964. 93 p. (Rovesnik shaguet po planete) (NNC)

SKOGOREV, V.A., and O.P. SUSLOV. [Use of mathematics and electronic computers in economic calculations in the coal industry] Pimeneniye matematiki i elektronnoi tekhniki pri ekonomicheskikh raschetakh v ugol'noi promyshlennosti. Moskva, Nedra, 1965. 201 p.

SKORODUM, S.A., and A.L. UGRUMOV. [Economic program of the Bolsheviks in socialist revolution] Ekonomicheskaya programma bol'shevikov v sotsialisticheskoi revoliutsii. Moskva, Izd-vo "Znanie," 1966. 47 p. (Novoe v zhizni, nauka, tekhnika. I Seriya; Istoriya, no. 8)

[STRUGGLE FOR MAN] Bol' det za cheloveka. Leningrad, Ob-vo "Znanie," 1965. 271 p.

SUMTSOV, A.I. [What the manager should know about accounting] Chto muzhno znai' khoziaistvenniku o bukhgalterskom uchete. Moskva, Statistika, 1966. 129 p.

[TAXES AND COLLECTIONS FROM THE POPULATION OF THE U.S.S.R.] Nalogi i sbory s naseleniya SSSR. Moskva, Finansy, 1964. 126 p. tables. (NNC)

TETRAULI, A.I. [Structure and the factors of growth of the gross national product and the national income of the Georgian S.S.R. Struktura i faktory rosta obshchestvennogo produkta i natsional'nogo dochoda Gruzinskoi SSR. Tbilisi, Melantereba] 1966. 116 p. [In Georgian]

TRACHEVSKII, YU.M. [Crime and alcoholism] Prestupnost' i alkogolizm. Moskva, Znanie, 1966. 78 p. (Narodnyi universitet: Fakul'tet pravovykh znanii, no. 3)

TSAREV, V.A. [Trip through a controversial subject] Puteshestvie po ospol'temu. Moskva, Politizdat, 1966. 62 p.

UKRAINE. Tsentral'nyi gosudarstvennyi istoricheskii arkhiv, L'vov. [Records of Josef (1785-1788) and Franz (1819-1820); the first land cadasters of Galicia. List of populated localities] Iosyif's'ka (1785-1788) i frantsyskansk'a (1819-1820) metryky; pershiy pozemel'ni kadastry Galychyny. Pokazhchyk naselenykh punktiv. Kyiv, 1965. 363 p.

VANSHTAIN, B.S. [Scientific and technical progress and the improvement of economic efficiency in construction] Nauchno-tekhnicheskiy progress i povysheniye ekonomicheskoi effektivnosti v stroitel'stve. Moskva, Ekonomika, 1964. 189 p.

[WORK OF THE PARTY ORGANIZATIONS OF THE NORTHERN CAUCASUS IN GUIDING ECONOMIC / CULTURAL DEVELOPMENT, 1918-1965, papers graduate students] Iz opyta raboty partiynkh orgaizatsii Severnogo Kavkaza po rukovodstvu khoziaistviy i kul'tur'nykh otel'stvom (1918-1965 gg.). 5 nik aspirantovskikh rabot. Rostov-na-Donu, Rostovskii na-Donu gos. univ., 1965. 317 p. (CST-II)

[WOMAN FROM SOVIET ESTONIA] Zhenshchina iz Sovetskoi Estonii. Tallinn, Kodumaa, 1965. 38 p.

ZURABIAN, S.SH. [Basic economic premise of communist distribution. Osnovnaya ekonomicheskaya predposylka kommunistskogo raspredeleniya. Erevan, Aratsian] 1965. 104 p. [In Armenian]

6. POLITICAL SCIENCE

AKADEMIA NAUK SSSR. Institut filosofi. [The being of communism and the spiritual world of man] Stoitel'stvo kommunizma i dukhovnyi mir cheloveka. Moskva, Nauka, 1966. 638 p. (Sotsializm i komunisticheskiy byt)

ALLAKHVERDOV, G.I. [Union of the working class - working peasantry as the basis of the people's democratic system] Fehle sinfi iie zhmetkesh kenditlerin ittifoqy khat demokratiik gurulushmun esasydyr. Baki, Azerneshr, 1965. 167 p. [In Azerbaijani]

ALMA-ATA. INSTITUT STORII PARTII. [At the end of the Communist Party of Kazakhstan, a chronology of the most important events] Ustokov Kommunisticheskoi partii Kazakhstana; letopis' vazhneishikh sobyitii. Alma-Ata, Izd-vo "Kazakhstan," 1966. 377 p.

ASLANOV, A.A., and G.I. GORDIEV. [The party and the organ of collective leadership] Ik. Pa ja teshiklary butoso kollektiv i chetlik organydyr. Baki, Azerneshr, 1965. 34 p. [In Azerbaijani]

BAGIR-ZADE, A.Z., I.M. MAMEDOV, and D.A. ALIKOV. [Revolutionary tradition and youth] Faghtbi on'eteler ve kenchlik. Baki, Azerneshr, 1966. 147 p. [In Azerbaijani]

BELIAEVA, Z.N. [Methodical advice for the study of V.I. Lenin's work "Imperialism as a higher stage of capitalism" for students of the Higher Correspondence Party School of the Central Committee of the Communist Party of the Soviet Union] Metodicheskie soveti k izucheniyu raboty V.I. Lenina "Imperializm kak v'shaya stadiya kapitalizma" dlia slushatelei Zaochetnoi vyssheii partiinoi shkoly pri TsK KPSS. Moskva, Mysl', 1966. 39 p.

BLUDOV, I.A.S. [Model of devotion to the cause of Communism] Ziazek vddanosti spavli kommunizmu. Kyiv, 1963. 47 p. (Tovarystvo "Znanie" Ukrainy' RSR. Seriya X, no. 12)

BURMISTROVA, T.IU., and I.I. SHITOV. [Fundamentals of scientific communism, methodological lexicon for correspondence students in the 1st and 2d sections of the course on the fundamentals of scientific communism] Osnovy nauchnogo kommunizma; metodicheskoe posobie dlia studentov-zaochnikov k I i II razdelam kursa osnov nauchnogo kommunizma. [Leningrad] Izd-vo Leningr. univ., 1965. 40 p.

CHAPKEVICH, V.S., and M.V. CHEKALIN. [Triumph of Lenin's name of party and government life] Triumf imeni Leninskikh norm partiinoi i gosudarstvennoi zhizni. Leningrad, Ob-vo "Znanie" RSFSR, 1966. 46 p.

[COUNCILS OF WORKERS' DEPUTES OF THE AZERBAIJAN S.S.R. DURING THE PERIOD OF THE LARGE-SCALE BUILDING OF COMMUNISM] Azerbajchan SSR Zehmetkesh Deputatları Sovetleri kenish kommunizm guushufugu dovrunde. Baki, Azerbajchan Doviit nesrihjayi, 1966. 385 p. [In Azerbaijani]

EFENDIEV, SABIR. [International traditions of the Azerbaijani people] Azerbajchan khalqynyñ bejnelm lekhilik on'eteleri. Baki, Azerneshr, 1966. 39 p. (Azerbajchan SSR "Bilik" Chetliji) [In Azerbaijani]

- IBRAHIMOV, ISKENDER [Party organization of Kirghizistan in the struggle for the development of the collective farm movement] Partitsina organizatsiya kirgizskoy bor'by za razvitiye folkhoznogo dzhizheniya. Frunze, "Kirygistan," 1965. 118 p.
- KARAEV, SAIMAN, NARIMAN MAMEDZADE, and SEIFULLA ALIEV. [Friendship as a great force] Dostug bujur guvchir. Baki, Azerneshr, 1966. 208 p. [In Azerbaijani]
- KHALCSHA, B.M. [SEATO, a version of aggression and colonialism] SEATO—orudie agressii i kolonializma. Moskva, Znanie, 1966. 36 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya mezhdunarodnaya, no 7)
- KOCHARLI, F.K. Ncrimn Neimrnov. Baki, Azerbaychan SSR Elmik akademiya neshirlyaty, 1965. 339 p. [In Azerbaijani]
- KOZHANOVYI, V.E. [The role of Turkey in international relations in the Near East after the Second World War, a textbook for students of the Rostov Higher Party School] Rol' Turtsii v mezhdunarodnykh otnosheniakh na Blizhnem i Srednem Vostoke poite Vtoroi Miroyoi volny, uchebnoe posobie dlia slushatelei RVPSh. Rostov-na-Donu, Vysshaya partitsina shkola, 1965. 59 p.
- MAIOROV, S.M. [Leninist principles of Soviet foreign policy] Leninские printsipy sovetskoi vneshnei politiki. Moskva, Znanie, 1966. 30 p. (Novoe v zhizni, nauke, tekhnike. I Seriya istoriya, no. 5)
- MAKHON, S.E., A.P. TKACH, and V.V. TSVETKOV. [Development of the Soviet state in the Ukraine] Rozvytok Radians'koi derzhavnosti na Ukraini. Kyiv, Politychka Ukrainy, 1966. 144 p.
- MANOKHEN, V.M. [Soviet government service] Sovetskaya gosudarstvennaya sluzhba. Moskva, Iuridicheskaya literatura, 1966. 194 p.
- MERN, B.M., and N.S. SAMSONOVA. [Dollar over Panama] Dollar nad Panamoi. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya mezhdunarodnaya, no. 5)
- MEZHDUNARODNAYA VSTRECHA, POSVIASHCHENNAIA 30-LETIU VII KONGRESSA KOMINTERNIA, Prague, 1965. [International meeting dedicated to the 30th anniversary of the 7th Congress of the Communist International, held in Prague on October 21-23, 1965, materials] Mezhdunarodnaya vstrecha, posviashchennaya 30-letiu VII kongressa Kominternia, Praga, 21-23 oktyabrya 1965 g., [materials] Prague, Mir i sotsializm, 1966. 395 p.
- MOSCOW. ZAACHNAIA VYSSHAIA PARTIINAIA SHKOLA. [International communist, workers' and national liberation movements, a study and methodological manual] Mezhdunarodnye kommunisticheskie, rabochie i natsional'no-osvoboditel'nye dvizheniya, uchebno-metodicheskoe posobie. Moskva, Mysl'. No 1. Aleksandrov, V.V., and Z.A. Zamystova. [Second half of the 18th century to 1939] Vtoraya polovina XVIII v. - 1939 g. [Izd. 2.] 1965. 180 p.
- NAUCHNAYA KONFERENTSIYA, POSVIASHCHENNAIA 30-LETIU VII KONGRESSA KOMMUNISTICHESKOGO INTERNATSIONALA, Moscow, 1965. [Toward the unity of all revolutionary and democratic forces, materials] Za edinstvo vseh revoliutsionnykh i demokraticheskikh sil' [materials]. Moskva, Nauka, 1966. 245 p.
- PETROSIAN, SH.M., and K.G. MURADOV. [Party conference] Partiya jygynchagy. Baki, Azerneshr, 1966. 28 p. [Ik partiya teshkilaty katibinin kitabxanasy] [In Azerbaijani]
- PETROV, V.P., and I.V. VLADIMIROV. [Quai d'Orsay, a brief outline of the diplomatic service of France] Ke d'Orsay: kratkiy ocherk diplomaticheskoi sluzhby Frantsii. Moskva, IMO, 1966. 206 p.
- RAGIMOV, A.A. [Noble initiative] Nchib teshebbus: Puskin rajonu khalq nezarechchilarinio ish techrubesinden. Baki, Azerneshr, 1966. 31 p. [Partiya gurulushu] [In Azerbaijani]
- RASCH, HAROLD. [What is the future of West Germany? Thoughts of a professor at Frankfurt University] Translated from the German] Kuda idet Zapadnaya Germaniya? Razmyshleniya professora Frankfurtskogo universiteta. Vstupitel'naia i red. Z.S. Shchelnisa. Moskva, Progress, 1965. 139 p. (CST-H)
- SARKISIAN, A.M. [Old and new colonialism. Story of a novel] Kolonializm. Erevan, Lule 1965. 329 p. [In Armenian]
- SIPOLS, V. [Secret diplomacy, foreign policy of bourgeois Latvia from 1919 to 1932] Slepena diplomatiya, burzhuaziska Latvijas aipolitika 1919 - 1932. gada Riiga, Liesma, 1965. 255 p. [In Latvian]
- SIVACHEV, N.V. [Political struggle in the U.S.S.R. in the middle 1930's] Politicheskaya bor'ba v SSSR v sereddne 30-kh godov XX veka. [Moskva] Izd-vo Mosk. univ., 1966. 263 p.
- SONKIN, M.E. [Keys to reserved rooms] Kluchi ot byoni ovannykh komnat. Moskva, Politizdat, 1966. 231 p.
- SURGULADZE, I.I. [Outline of the history of the state and law in Georgia] Ocherki po istorii gosudarstva i prava Gruzii. Tbilisi, Ganatleba 1965. 402 p. [In Georgian]
- TIAGUNENKO, V.L. [Problems of the contemporary national liberation revolutions] Problemy sovremennykh natsional'no-osvoboditel'nykh revoliutsii. Moskva, Nauka, 1966. 323 p.
- VACHEISIVILI, A.SH. [The builder of communism must be an all-round man. Stroitel' kommunizma - vsesloronnoe razvitiye cheloveka. Tbilisi, Metsnereba] 1965. 103 p. [In Georgian]
7. LAW
- BASKOV, V.I. [Crimes must be prevented] Prestuplenie dolzhno byt' predotvashcheno. Moskva, Iuridicheskaya literatura, 1966. 102 p.
- BOGOLEPOV, R.D., N.M. BORODANOV, and A.A. RUSKOL. [Soviet land law, textbook for law schools on the middle level] Sovetskoe zemel'noe pravo, uchebnik dlia srednikh iuridicheskikh shkool. Otv. red. A.A. Ruskol. Moskva, Iuridicheskaya literatura, 1965. 230 p.
- CERNIAUSKAS, SIMONAS, ONA RUZELYTE, and PRANAS SKAIGIRIS. [How the civil rights of Soviet citizens are protected] Kaip ghamas tarybini pilieci civilines teises. Vilnius, Mintis, 1965. 47 p. [In Lithuanian]
- FEL'DMAN, A.M. [Rights and duties of renters of housing units] Prava i oblyazannosti nanimatelia zhitogo pomescheniya. Kiev, Budel'nyk, 1966. 139 p.
- KATANOV, I.KH.,-K. [Soviet laws on inventions and technological innovations and legal privileges available to authors] Diktira ve semereleshchidmeior baggyn-da Sovet gannuvrechilili ve muellifer uchun hugug ustunlukleri. Baki, Azerneshr, 1965. 47 p. [Diktirachy ve semereleshchidchillerin kitabxanasy] [In Azerbaijani]
- LASHIN, A.G. [Constitution of the U.S.S.R.] Konstitutsiya SSSR. [Izd. 2., lepr. i dop.] Moskva, Gos. uchebno-pedagog. izd-vo M-va prosveshcheniya RSFSR, 1960. 125 p., chart. (OCIW)
- LATVIAN S.S.R. Laws, statutes, etc. [Statute on elections to the district (city) people's courts of the Latvian S.S.R. Adopted by the decree of October 22, 1960, of the Presidium of the Supreme Soviet of the Latvian S.S.R.] Nol'ums par latvijas PSR rajonu (pilsetu) iuntas tiesu velesanam. Apstiprinats ar Latvijas PSR Augstakas Padomes Prezidija 1960. gada 22. oktobra Dekretu. Riiga, Liesma, 1965. 18 p. [In Latvian]
- LEVIN, D.B. [The responsibility of states in contemporary international law] Otvetstvenost' gosudarstv v sovremennoy mezhdunarodnoy prave. Moskva, IMO, 1966. 161 p.
- LITHUANIAN S.S.R. Constitution. [Constitution (fundamental law) of the Lithuanian S.S.R. Amended and supplemented up to the sixth session of the Sixth Supreme Soviet of the Lithuanian S.S.R. (including) Konstitucija (osnovnoi zakon) Lietuvos Socialistinio Tautos Respublikos. 8 izmone-nimai i dopolnenimais, priimtais Veshchymy Sovetu Lietuvos SSR do VI sesijos sheslogo sesijos vihusio mo Vilnius, Mintis, 1966. 27 p.
- LORTKIPANIDZE, N.D. [Soviet civil procedure law, methodological instructions. Sovetskoe grazhdanskoe protsessual'noe pravo, uchebno-metodicheskie ukazaniya. Tbilisi, Ganatleba] 1966. 78 p. [In Georgian]
- LUKASHUK, I.I. [Parties to international agreements] Sloyny v mezhdunarodnykh dogovorakh. Moskva, Iuridicheskaya literatura, 1966. 150 p.
- MAMEDOV, G., and B. AKPEROV. [Role of the public prosecutor and public defender in judicial proceedings] Ichtimai lituamechylaryn ve ichtimai mudlichchleria mekeme proesude labiraky. Baki, Azerneshr, 1965. 37 p. [In Azerbaijani]
- [MANUAL ON SOVIET CRIMINAL PROCEDURE, for use in practical exercises and seminar work] Posobie po sovetskomu ugolovnomu protsesu; dlia prakticheskikh i seminarikh zaniatiy. [Moskva] Izd-vo Mosk. univ., 1966. 235 p.
- MARKOVA, M.G., and N.P. LENSKAIA. [Soviet family and the law] Sovetskaya sem'ia i pravo. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 39 p.
- MINASIAN, N.M. [Law of peaceful coexistence] Pravo mirnogo soshchestvovaniia. [Rostov-on-Donu] Izd-vo Rostovskogo univ., 1966. 267 p.
- MOLDAVIAN SSR. Verkhovnyi Sovet. [Meeting of the Sixth Supreme Soviet of the Moldavian S.S.R. 11th session, May 14-16, 1965. Veshatim report] Zasedaniia Verkhovnogo Soveta Moldavskoi SSR sheslogo sesiya (plaliba sesia) 14-16 maya 1965 goda. Stenograficheskiy otchet. Kishinov, Karita moldevenianke, 1965. 210, 194 p. [In Moldavian and Russian]
- MOROZOV, V.P. [Role of the legal superstructure in the communist education of workers] Rol' pravovoi nadstroiki v kommunisticheskom vospitani tredi-shchikhov. Moskva, Vysshaya shkola, 1966. 60 p. (Studenty izuchaiushchemu nauchnyi kommunizm)
- NADARESHVILI, G.N. [From the history of Georgian family law. Iz istorii gruzinskogo semeinogo prava. Tbilisi, Metsnereba] 1965. 242 p. [In Georgian]
- NAUCHNAYA KONFERENTSIYA PO METODOLOGICHESKIM PROBLEMAM SOVETSKOI IURIDICHESKOI NAUKI, Kiev, 1964. [Methodological problems of Soviet legal science; materials] Metodologicheskie problemy sovetskoi iuridicheskoi nauki; materialy. Kiev, Naukovy dumka, 1965. 146 p.
- RIASNOI, V.V., and I.U. M. CHERNAVSKII. [In the footsteps of an executioner] Po sledam patcha. Moskva, Iuridicheskaya literatura, 1966. 80 p.
- RUSSIA (1923- U.S.S.R.) Constitution. [Constitution (fundamental law) of the Union of the Soviet Socialist Republics. Translated from the Russian. Konstitutsia (osnovnoi zakon) Soiuza Sovetskikh Sotsialisticheskikh Respublik. Erevan, Alastan] 1960. 33 p. [In Armenian]
- RUSSIA (1923- U.S.S.R.) Constitution. [Constitution (fundamental law) of the Union of the Soviet Socialist Republics. With amendments and supplements passed by the seventh session of the Sixth Supreme Soviet of the U.S.S.R.] Konstitutsia (osnovnoi zakon) Soiuza Sovetskikh Sotsialisticheskikh Respublik. 8 izmone-nimai i dopolnenimais, priimtais na sed'moi sessii Verkhovnogo Soveta SSSR sheslogo sesiya. Moskva, Izvestia Sovetov iudashchikhov SSSR, 1960. 31 p.
- RUSSIA (1923- U.S.S.R.) Tsentral'nyi molodicheskii kabinet po budnemu spetsial'nomu obrazovaniiu. [Fundamentals of Soviet civil and labor law; program for secondary specialized schools in the field of economics] Osnovy sovetskogo grazhdanskogo i trulovogo prava; programma dlia srednikh spetsial'nykh uchebnykh zavodov po ekonomicheskim spetsial'nostiam. Moskva, 1965. 26 p. [MICROFILM]

SUTLOV, D. M. [Copyright, publishing contracts, royalties] Avtorskoe pravo, izdatel'skie dogovory, avtorski gonorar. Moskva, Uchitel'skaya literatura, 1966. 196 p. (Voprosakh i otvetakh)

TKESHELADZE, G. T. [Liability for compound offenses. Otvetsivennosti pri sovokupnosti prestuplenii. Tbilisi, Metsnereba, 1965. 186 p. (In Georgian)]

TSERETELI, T. V. [Accessory to a crime] Sochastie v prestuplenii. Tbilisi, Metsnereba, 1965. 234 p. (In Georgian)]

TSVETKOV, P. P., and V. P. PETROV. [Identification of a person from his photograph] Identifikatsiya lichnosti po fotosnimkam. [Leningrad] Izd-vo Leningr. univ., 1966. 33 p. (V pomoshch' studentam vchevnykh i zaochnykh vuzov)

ZIL'BERMAN, I. D. [Bourgeois legal theories of the imperialist period, textbook for students of the Correspondence Course Department] Burzhuaznye pravovye teorii epokhi imperiializma, uchebnoe posobie dlia studentov zaochnogo otdeleniia. [Leningrad] Izd-vo Leningr. univ., 1966. 31 p. (V pomoshch' studentam vchevnykh i zaochnykh vuzov)

8. EDUCATION

[ADMISSION RULES AND ENTRANCE EXAMINATION PROGRAMS FOR STUDENTS REGISTERING WITH THE SPECIALIZED SECONDARY SCHOOLS OF THE U.S.S.R.; technical schools, academies, schools in 1965] Pravidla priema i programmy vstupitel'nykh ekzamenov dlia poslupavshchikh v srednie spetsial'nye uchebnye zavedeniia SSSR, tekhnicheskii, uchitel'skii, shkoly v 1965 godu. Moskva, Vysshaya shkola, 1965. 46 p.

JANKELEVICH, E. I. [From three to seven] Ot trekh do semti. 3, ispr. izdanie. Moskva, Fizkul'tura i sport, 1965. 117 p.

KEZHERADZE, E. D. [Genesis and development of active imagery in children. K voprosu o genezise i formirovani aktivnosti i reprezentatsii v detskom vozraste. Tbilisi, Metsnereba, 1965. 192 p. (In Georgian)]

KUTTI, N. [Terminological dictionary in swimming] Ujumispori oskussonaatik. Tartu, Tartu riiklik ukooll, 1964. 90 p. [Parallel text in Estonian, Russian, German and English]

[MANUAL FOR STUDENTS ENTERING INSTITUTIONS OF HIGHER LEARNING OF THE U.S.S.R. IN 1966] Spravochnik dlia poslupavshchikh v vysshie uchebnye zavedeniia SSSR v 1966 g. Moskva, Vysshaya shkola, 1966. 351 p.

MIDLER, M. P., and D. A. TYSILER. [Training in fencing with foil] Tienlovka v feklonovni na raplakh. Moskva, Fizkul'tura i sport, 1966. 194 p.

MOSCOW, UNIVERSITET. [Guidebook for students entering the Moscow University] Spravochnik dlia poslupavshchikh v Moskovskii universitet. Pod red. V. N. Danchenko i V. I. Troplna. [Moskva] Izd-vo Mosk. univ., 1966. 181 p.

NIKOLAEV, I. U. K. [Complicated acrobatic jumps] Slozhnye akrobaticheskie прыжки. Moskva, Fizkul'tura i sport, 1966. 127 p.

NIKOLAEVSKII, G. K., P. V. PANOVA, and G. L. TAU-KACH. [Use of motion pictures in instruction and research in technical institutions of higher learning] Kinetofatsia uchebno-nauchnogo professora v tekhnicheskikh vuzakh. Khar'kov, Khar'kovskii universitet, 1965. 70 p.

OZOLIN, N. G. [For athletes about sports training] Sportmenam o sportivnoi trenirovke. Izd. 2., perer. Moskva, Fizkul'tura i sport, 1966. 77 p. (Biblioteka sportmenov)

PRIKHODKO, P. T. [On the path of science, introduction to the organization and technique of research of young scholars] Troput nauki: vvedenie v organizatsii i tekhniku nauchno-issledovatel'skoi raboty molodogo uchenogo. Izd. 2., ispr. i dop. [Novosibirsk] Nauka, [1965] 142 p.

ROZANTSEV, S. N. [Organizing extracurricular work with children on house lots] Organizatsiia raboty s det'mi vne shkoly na pridomovykh uchastkakh. Moskva, Stroizdat, 1965. 47 p. illus.

RUSSIA (1917- R. S. F. S. R.) Tsentral'nyi nauchno-metodicheskii kabinet po doskopol'nomu vospitaniiu. [Concise methodological instructions on the kindergarten program] Kratekie metodicheskie ukazaniia k programme vospitaniia v detskom sadu. Moskva, Gos. uchebno-pedagog. izd-vo M-i'a posvshcheniia RSFSR, 1962. 78 p. (NIC)

SUSHKOV, M. P. [Lessons in soccer, textbook for the sections of physical education groups (for the beginners classes)] Uroki po futbolu; uchebnoe posobie dlia sektsii kolektivov fizicheskoi kul'tury (dlia znanits s nachinal'skimi) 6 pere. i dop. izd. Moskva, Fizkul'tura i sport, 1966. 169 p.

ZEILIGER-RUBINShteIN, E. I. [N. P. Ogarev about training and public education] N. P. Ogarev o vospitanii i nauchnom obrazovanii. Moskva, Prosveshchenie, 1966. 149 p.

9. MUSIC, THEATER & MOTION PICTURES

ABASOVA, E. A. [Karaev's symphonic engravings "Don Quixote"] Simfonicheskie graviruy "Don Kikhot" Kara Karaeva. Baku, Azernesht, 1965. 42 p. (Simfonicheskie proizvedeniia azerbaidzhan-skikh kompozitorov)

ABASOVA, E. A. [Uzeyir Gadzhiebekov's opera "Kerogly"] Opera "Kerogly" Uzeyra Gadzhiebekova. [Baku] Azernesht, 1966. 55 p. (Opory azerbaidzhan-skikh kompozitorov)

ABLIAN, OVANES. [An album collection. Sbornik-al'bom. Erevan, Alastan] 1965. 200 p. illus. (In Armenian)

ALEKSANDROV, B. A. [My song, fly like the swallow, a collection of songs with accordion accompaniment] Pesnia, iaslochki tot; sbornik pesen s soprovozhdeniem balnna. Moskva, Voenizdat, 1966. 90 p.

BARTÓK, BÉLA. [Folk music of Hungary and neighboring peoples. Translated from the Hungarian] Narodnaa muzyka Vengrii i sosednikh narodov. Moskva, Muzyka, 1966. 78 p.

[THE CHORUS SINGS] Poch khor. Moskva, Sovetskaya Rossiia, 1966. 100 p. (Biblioteka "V pomoshch' khudozhestvennot samodeiatel'nosti," no. 8)

DANILOV, D. KII. [F. Amirov's symphony "Nizami", for string orchestra] Simfoniia "Nizami" F. Amirova, dlia strunnogo orkestra. Baku, Azernesht, 1966. 51 p. (Simfonicheskie proizvedeniia Azerbaidzhan-skikh kompozitorov)

DOVZHENKO, A. P. [Collected works in four volumes] Sobranie sochinenii v chetyrekh tomakh. [Moskva, Iskustvo]. Vol. 1, [1966] 355 p.

DOZORTSEVA, ZII. G. [Lenin's image in Soviet music] Obraz Lenina v sovetskoi muzyke. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika VI Serii: Literatura i Iskustvo, no. 8)

GAUDRIMAS, J., and A. SAVICKAS. M. K. Giurdonia. Vilnius, Vaga, 1965. 107 p. illus. (In Lithuanian)

GRUM-GRUZINMAILLO, T. N. [Musical performance] O muzykal'nom ispolnitel'stve. Moskva, Znanie, 1965. 85 p. (Narodnyi universitet: Fakul'tet literatury i Iskustva, no. 8)

IUZOVSKII, I. I. [Soviet actors in Gor'kit roles] Sovetskie aktery v gor'kovskikh rol'kakh. Moskva, Vses. teatral'noe ob-vo, 1964. 343 p. (CU)

IZRALEVSKII, B. L. [Music in the performances of the Moscow Art Theater; notes of a conductor] Muzyka v spektaklakh Moskovskogo Khudozhestvennogo teatra, zapiski dirigera. Moskva, VTO, 1965. 313 p. illus.

KALITIN, N. I. [The art of seeing and hearing] Iskustvo videt' i slyshat'. Moskva, Znanie, 1965. 124 p. (Narodnyi universitet: Pedagogicheskii fakul'tet, no. 7)

KHERSONSKII, KH. N. [Pages from the early days of the motion picture, a critic's notes] Stranitsy tunosti kino, zapiski kritika. Moskva, Iskustvo, 1965. 276 p.

KRAYCHENOK, N. K. [Theater and the audience; education of the audience and the actor in Soviet Latvia] Teatr i zritel', vospitanie zritelia i aktera Sovetskoi Latvii. Riga, Zinatne, 1965. 124 p. illus.

KULAKOVSKII, L. V. [How to learn to read music, the rudiments of notation] Kak nauchit'sia chitat' noly, notnaya gramota. 3 izd. Moskva, Muzyka, 1966. 45 p. (Univer'sitetskii kul'tury)

LANDSBERGIS, V. [Spring sonata] Pavasaro sonata. Vilnius, Vaga, 1965. 351 p. (In Lithuanian)

[LET'S SING TOGETHER] Kelti blizko okhujag, mahny mechnuesi. Baky, Azerbaidzhan Dvlet neshi'jaty, 1966. 23 p. (In Azerbaijan)

MAMEDBEKOV, D. I. [Piano concert on Arab themes by F. Amirov and E. Nazhova] Fortep'annyi konsert na arabatske temy F. Amirova i E. Nazhova. Baku, Azernesht, 1964. 48 p. (Simfonicheskie proizvedeniia Azerbaidzhan-skikh kompozitorov)

MOLODTSOVA, M. M. Edna do de Filippo. Leningrad, Iskustvo, 1965. 141 p. illus.

MOSIL'M. [Comrade author, take the floor] Vashe slovo, tovarishch avtor. Moskva, Iskustvo. Vol. 5, 1963. 262 p. illus.

POPOVA, T. V. [Song of our days, the modern Russian folk song] O pesne nashikh dni, sovremennaya russkaya narodnaya pesnia. Moskva, Znanie, 1965. 80 p. (Narodnyi universitet: Fakul'tet literatury i Iskustva, no. 4)

RÉMY, TRISTAN. [Clowns. Translated from the French] Klouny. [Moskva, Iskustvo, 1965] 390 p. (MID)

SHNEIDERMAN, I. I. Grigorii Chukhrail. Leningrad, Iskustvo, 1965. 224 p. illus. (Mastara kinokuskustva)

SOUZ KINEMATOGRAFISTOV SSSR. Uchreditel'nyi s'ezd 1st, Moscow, 1965. [The First Constituent Congress of the Motion Picture Union of the U.S.S.R.] Pervyi uchreditel'nyi s'ezd Soiuza kinematografistov SSSR, Moskva, Kiamei', 23-26 noiabria 1965 g. [n. p. n. d.] 27 p.

TAGI-ZADE, A. Z. [S. Gadzhiebekov's ballet "Glul'shen"] Ballet "Glul'shen" S. Gadzhiebekova. Baku, Azernesht, 1966. 52 p.

TEODORS KALINIS. Riga, Liesma, 1965. 170 p. (In Latvian)

[THIS IS MY YOUTH; a collection of songs] Eto tunost' moloi; sbornik pesen. [Moskva] Molodai gvardia, 1966. 143 p.

VSEROSSIISKOE TEATRAL'NOE OBSHCHESTVO. [Problems of the theater; a collection of studies and materials] Voprosy teatra, sbornik statei i materialov. [Moskva] 1965. 302 p.

ZHURAVLEV, D. N. [Composers of Soviet White Russia, a concise biographical handbook] Kompozitory Sovetskoi Belorussii, kratkie biograficheskie spravochniki. Minsk, Belarus', 1966. 224 p.

10. FINE ARTS

AGAPOV, B. N., D. S. DANN, and B. M. RUNIN. [The artist and science] Khudozhnik i nauka, Moskva, Znanie, 1966. 158 p. (Narodnyi universitet: Fakul'tet literatury i Iskustva, no. 2/3)

AKADEMIA NAUK SSSR. Institut istorii Iskustva. [History of Russian art] Istoriia russkogo Iskustva. Pod obshchei red. I. E. Grabaria i dr. Moskva, Nauka. Vol. 9, Books 1-2, 1965. 2 v. illus.

ALEKSEEVA, V. V. [The role of artistic heritage in the aesthetic education of the people] Rol' khudozhestvennogo nasledia v esteticheskoi vospitanii naroda. Moskva, Sovetskii khudozhnik [1965] 70 p.

BARNAVELI, S. V. [Scats and other materials of Georgian glyptic, studies] Pechitli i drugie materialy po glyptike Gruzii, ochekl. Tbilisi, Metsnereba, 1965. 160 p. illus. [In Georgian]

DAVTIAN, S. S. [Armenian lace making] Armlanskoee khuzh'vo. Erevan, Izd-vo Akad nauk Armlanskoj SSR, 1966. 47 p. illus. [In Armenian]

DZIHAPARIDZE, G. D. [Encounters with Georgian artists. Vstréchi s gruzinskimi khudozhnikami. Tbilisi, 1965] 134 p. illus. [In Georgian]

ELATONITSEVA, I. M. [Artistic pottery of Soviet White Russia] Khudozhestvennaya keramika Sovetskoi Belorussii. Minsk, Nauka i tekhnika, 1966. 189 p. illus. [In Russian]

ERMONSKAYA, V. V. [State Tret'iakov Gallery, a depository of Russian art] Gosudarstvennaya Tret'iakovskaya galeriya - skopishechitsa russkogo iskusstva. Leningrad, Khudozhnik RSFSR, 1965. 44 p. illus. [In Russian]

FIHOL', M. P. [Aroslav Vasyt'ovych Psirak] Kyiv, Myselestvo, 1966] 67 p. illus

GERASIMOV, S. V. [Exhibition of the works of Sergei Vasil'evich Gerasimov, People's Artist of the U. S. S. R. (on his 80th birthday), a catalog] Vystavka proizvedenii narodnogo khudozhnika SSSR Sergela Vasil'evicha Gerasimova (k 80-letliu so dnia rozhdeniya), katalog. Moskva, Sovetskii khudozhnik, 1965. 148 p. illus

GIBAVICIUS, RIIMTAUTAS. [Residents of waters; linocuts] Vandenu gyventojai, lino raižiniai. Vilnius, [Vaga] 1964. 20 plates [In fold]

GOBERMAN, D. N. [The Hucul region, land of art] Bulsui'shchyna - kraj iskusstva. Leningrad, Iskustvo, 1966. 88 p. illus

IUNTUNEN, S. KH. [S. Iuntunen, an album] S. Iuntunen, [ai'bom] Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965] 1 v. (chiefly illus.)

KEDAN, L. S. [Sculptor Dmitrii Borisovich Riabichev] Skulptor Dmitrii Borisovich Riabichev. Leningrad, Khudozhnik RSFSR, 1965. 15 p., 24 plates. (NIC)

KHORKHOT, A. IA. [Planning organization of urban industrial areas] Planirovochnaia organizatsiia gorodskikh promyshlennykh teritorii. Kiev, Budivelnik, 1966. 266 p.

KIEV. NAUCHNO-ISLEDOVATEL'SKII I PROEKTYNI INSTITUT GRADOSTROITEL'STVA. [City planning: The planning and building of cities] Gradostroitel'stvo. Planirovka i zasiroika gorodov. Kiev, Budivelnik, 1966. 132 p. (Mezhvedomstvennyi respublikanski nauchnyi sbornik)

KIEV. NAUCHNO-ISLEDOVATEL'SKII I PROEKTYNI INSTITUT GRADOSTROITEL'STVA. [City planning: The planning and construction of health resorts] Gradostroitel'stvo. Planirovka i zasiroika kurortov. Kiev, Budivelnik, 1966. 135 p. (Mezhvedomstvennyi respublikanski nauchno-tekhnicheskii sbornik)

KIEV. NAUCHNO-ISLEDOVATEL'SKII I PROEKTYNI INSTITUT GRADOSTROITEL'STVA. [City planning: The use of mathematical methods and electronic computers in city planning] Gradostroitel'stvo. Primene- nie matematicheskikh metodov i elektronno-vychislitel'noi tekhniki v gradostroitel'stve. Kiev, Budivelnik, 1966. 135 p. (Mezhvedomstvennyi respublikanski nauchno-tekhnicheskii sbornik)

LARMIN, O. V. [Modernism is against man and humanity] Modernizm - protiv cheloveka i chelovechnosti. Moskva, Sovetskii khudozhnik, [1965] 157 p.

LITHUANIAN S. & R. [Kulturos minilelirja. [Golden hands; folk art masters on the 25th anniversary of Soviet Lithuania] Auksines rankos, laudes dantes meistras Tarybu Lietuvos 25-meclui. Vilnius, 1965. 23 p. illus. [In Lithuanian and Russian]

L'VOVA, E. P. [With an exhibition around America] S vystavkoj po Amerike. Moskva, Sovetskii khudozhnik [1965] 44 p. illus.

[MASTERPIECES OF WORLD PAINTING IN MUSEUMS OF THE SOVIET UNION, an album] Shedevry mirovoj zhivopisi v muzeiakh Sovetskogo Soiuza, [ai'bom. Leningrad] Sovetskii khudozhnik [1965] 14 p. 18 plates

MEPESASHVILI, R. Gelati. Tbilisi, Sabehola Sakartvelo, 1965. 1 v. (chiefly illus.) [In Georgian, Russian, and English]

MOSCOW. GOSUDARSTVENNAIA TRET'IAKOVSKAIA GALEREA. [Pavel Andreievich Fedotov, on the ses- quicentennial of his birth, 1815-1965] Pavel Andreevich Fedotov, k stoplatidesialletliu so dnia rozhdeniya, 1815-1965. Moskva, Sovetskii khudozhnik, 1965. 151 p. illus.

MUSIENKO, P. N. Fedii Ilyihovych Kyvchevs'kyi. Kyiv, Myselestvo, 1966. 101 p. illus

NEIKHARDT, A. A., and I. A. SHISHOVA. [Seven wonders of the ancient world] Sem' chudes drevnego mira. Moskva, Nauka, 1966. 133 p. illus. (Setila "Iz istorii mirovoj kul'tury")

SHER, IA. A. [Stone sculptures of Semirech'ye] Kamennye izdaniia Semirech'ia. Moskva, Nauka, 1966. 137 p.

SHTAMBOK, A. A. [The truth of artistic portrayal] Pravda khudozhestvennogo izobrazheniya. Moskva, Sovetskii khudozhnik, 1965. 72 p.

SIDOROVA, N. A. [New discoveries in the sphere of ancient art; discoveries of foreign scholars] Novyye otkrytiia v oblasti antichnogo iskusstva, nakhodka zarubezhnykh uchennykh. Moskva, Iskustvo, 1965. 204 p. illus.

SOIUZ KHUDOZHNIKOV RSFSR. Moskovskoe otdelenie. [Through our country, catalog of an exhibition] Painting, sculpture, graphic art, the work of theater and motion picture artists] Po rochni slano; katalog vystavki Zhivopis', skulptura, grafika, raboty khudozhnikov teatra i kino. Moskva, Sovetskii Khudozhnik, 1965. 73 p.

SOIUZ KHUDOZHNIKOV RSFSR. Moskovskoe otdelenie. [Work of the artists of the theater and motion picture] Raboty khudozhnikov teatra i kino. Moskva, Sovetskii Khudozhnik, 1965. [7] p. illus. (Vystavka "Moskva - stolitsa nashei Rodiny")

VASIL'EV, S. D., and K. I. IVANOV. [Monuments of 12th century architecture in Pereslavl'-Zalessky] Pamiatniki zhdchestva XII veka v Pereslavl'-Zalesskom. Pereslavl', Veiklme-Volzhscoe knizhnoe izd-vo, 1966. 27 p.

VEREISKII, O. G. [In America] V Amerike. [Moskva] Sovetskii khudozhnik, [1965] 98 p. illus.

VERSTIN, G. I., and V. V. PUKHOV. [Construction of schools and preschool institutions in rural areas] Stroitel'stvo shkol i doskol'nykh uchilishchen v sel'skoi mestnosti. 2. izd. Moskva, Stoitizdat, 1966. 282 p.

ZAKARAI, P. P. [Architecture of the ancient site of Urbisi] Zedeshelvo gon odishcha Urbisi. Tbilisi, Metsnereba, 1965. 160 p. illus. [In Georgian]

ZONOVA, Z. T. [Gligori Ivanovich Ugrumov, 1764-1823; his painting, sculpture and graphic art] Gligori Ivanovich Ugrumov, 1764-1823; zhivopis', skulptura, grafika. Moskva, Iskustvo, 1966. 115 p. illus.

ZVIEDRIS, ALEKSANDRS. Aleksandrs Zviedris. Riga, Liesma, 1965. 50 p. illus. [In 6 languages]

11. LANGUAGE, LITERATURE & FOLKLORE

A. D. MSON, HENDRIK [Poems. Valke luuleaamal] Tallin, Eesli Raamal, 1965. 145 p. [In Estonian]

AGABABIAN, S. B. [Literature and our times. Literatura i sovremennost'. Erevan, Aistatan] 1965. 265 p. [In Armenian]

AIDUKAITE-RAGAUSKIENE, R. [Soar like the birds] Skraidykite kaip paukstai. Vilnius, Vaga, 1965. 286 p. [In Lithuanian]

AKADEMIA NAUK GRUZINSKOI SSR, Tiflis, Institut rukopisel. [Four monuments of early Georgian literature; based on manuscripts from the 10th to the 12th century] Chetyre pamiatnika drevne-gruzinskoi pis'mennosti; po rukopisiam X-XII vekov. Tbilisi, Metsnereba, 1965. 236 p. [In Georgian]

AKADEMIA NAUK MOLDAVSKOI SSR. Institut literatury i literatury. [Course in the historical grammar of Moldavian. Kurs istoricheskoi grammatiki moldavskogoazyka. Kishinev, Karlia moldoveniaske] 1964. 387 p. [In Moldavian] (MII)

AKADEMIA NAUK SSSR. [Fundamental bibliography of obshchestvennykh nauk] [Soviet literary studies and criticism, Soviet Russian literature (general works)] Books and articles of 1917-1962. A bibliographic bibliography of Soviet literature (obshchei i abovoi). Knigi i statii 1917-1962 godov. Bibliograficheskiil'noizitel' Moskva, Nauka, 1966. 586 p.

AKADEMIA NAUK SSSR. Institut zhilovoi literatury. [Outline history of Soviet Russian folk literature, 1917-1932] Ocherki istorii russkoi sovetskoi zhilovoi literatury, 1917-1932. Moskva, Nauka, 1966. 506 p.

AKADEMIA NAUK SSSR. Institut narodov Azii. [Folk tales and legends collected in Kumani in 1875 by I. P. Minayev. Translated from the Kumani] Indiatko skazki i legendy, sbrannyye v Kumani v 1875 godu I. P. Minayevym. Moskva, Nauka, 1966. 258 p.

AKADEMIA NAUK SSSR. Institut narodov Azii. [Turkish proverbs and sayings. Translated from the Turkish] Turkiye postovityi i poroviti, Moskva, Nauka, 1966. 38 p.

AKADEMIA NAUK SSSR. Institut russkogo izyuka. [Development of word formation in modern Russian] Razvitiye slovoobrazovaniia sovremennoy russkoiazyka. Moskva, Nauka, 1966. 200 p.

AKADEMIA NAUK SSSR. Institut russkogo izyuka. [Principles of the structure of a descriptive grammar of the modern Russian form in language] Osnovy postroeniia opisatel'noi grammatiki sovremennoy russkogo literaturnogo izyuka. Moskva, Nauka, 1966. 210 p.

AKADEMIA NAUK SSSR. Institut russkoi literatury. [Pushkin, problems and problems of research] Pushkin, logi i problemy izucheniia. Kollektivnaya monografiia pod red. B. P. Gorodetskogo, N. V. Lemaitova, D. S. Melnikova. Moskva, Nauka, 1966. 662 p.

AKADEMIA NAUK SSSR. Nauchnyi sovet po leksikologii i leksikografii. [Modern Russian lexicology] Sovremennaya russkaya leksikologiya. Moskva, Nauka, 1966. 191 p.

AKADEMIA NAUK SSSR. Pushkinskaya komissia. [Chronicle of the Pushkin Committee, 1933] Vremennik Pushkinskoi komissii, 1963. Moskva, Nauka, 1966. 122 p.

AKADEMIA NAUK UZBEKSKOI SSR, Tashkent. Institut izyuka i literatury. [Problems of Turkic Language study] Voprosy turkologii. Pod obshchey red. V. V. Roschetova. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 133 p. (K 75-letliu est.-korr. AN UzSSR K. K. Kullikina)

ALEKSEEV, M. N. [Cheriy pond, a novel. Iicad is a substantivo noun, tates in short-story form] Vyshevyi omut; roman. Kiteb - imia voshchevayiv'noo, povesti v novellakh. Moskva, Khudozhestvennaya literatura, 1966. 470 p.

ANGLICKES, STASYS. [Shoola also tending toward the sun] Melugas linkata i saulo. Vilnius, Vaga, 1965. 85 p. [In Lithuanian]

[ANNIVERSARY OF KRISTIJONAS DONELAITIS] Kristijono Donelaitio jubiliejini metai. Vilnius, Vaga, 1965. 245 p. [In Lithuanian]

ANTONOV, B. P. [Broken ruble; a tale] Razorvannyi rubl'; povest'. Moskva, Khudozhestvennaya literatura, 1966. 63 p. (Roman-gazeta, no. 6(356))

[ARMENIAN FOLK TALES, Translated from the Armenian] Armlanskie narodnye skazki. Erevan, Aistatan, 1965. 389 p.

ARUTUNIAN, S. B. [Armenian folk riddles] Armlanskie narodnye zagadki. Erevan, Izd-vo AN Armlanskoj SSR, 1965. 380 p. [In Armenian]

- AUERBAKH, T. D. [They're studying foreign languages] On izuchaiut inostrannye iazyki. Moskva, Znanie, 1965. 62 p. (Naodnyl universitet: Pedagogicheskii fakultet, no 8)
- AUEZOV, MUKHTAR. [Young generation, a novel] Translated from the Kazakh. Pieniia mladoo, roman [Moskva] Molodaiia gvardiia, 1966. 188 p
- AVAKIAN, E. S. [We live on the Konda. My zhivem na Konde, Erevan, Alastan] 1965. 242 p. [In Armenian]
- AVETISIAN, ZIL N. [Native and foreign stars, tales and stories. Zvezdy rodnye i chuzhie, povesti i rasskazy. Erevan, Alastan] 1966. 425 p. [In Armenian]
- AZOV, M. I. A., and V. N. TIKHIVINSKII. [Dots above the l's, fables with copy-book morality] Tochki nad "l", basni s priklonnyimi moralkami. Moskva, Sovetskii Rossiia, 1966. 39 p. (Biblioteka "V pomoshch' khudozhestvennoi samodeiatel'nosti, no. 6)
- BABKIN, D. S. [A. N. Radishchev, his literary and public activities] A. N. Radishchev, literaturno-obshchestvennaia deiatel'nost'. Moskva, Nauka, 1966. 359 p.
- BAGAEV, N. K. [Modern Ossetic] Sovremennyy osetskii iazyk. Otdel'nikidze, Severo Ossetinskoe knizhnoe izd-vo, Pt. 1. [Phonetics and morphology] Fonetika i morfologiya. 1965. 486 p.
- BAKITIN, M. M. [The works of Francois Rabelais and the popular culture of the Middle Ages and the Renaissance] Tvorchestvo Frantsuza Rable i narodnaya kul'tura srednyevkov'ia i Renessansa. Moskva, Khudozhestvennaya literatura, 1965. 525 p.
- BARYSHIEV, M. I. [Leaves on rocks; a novel] List'na na skalkakh, roman. Moskva, Molodaiia gvardiia, 1966. 382 p.
- BECKMAN, VLADIMIR. [The blue tulip, verse and poems] Sinie tulip, indeluzed, poem. Tallinn, Eesti Raamat, 1965. 126 p. [In Estonian]
- BEZYMENSKII, A. F. [Tragic night; a poem] Tragichnaya noch', poema. Moskva, Sovetskii pisatel', 1966. 285 p.
- BIRZE, MIERVALDIS. [At the "Black Woodcock", drama from the past of Latvia in 3 acts, 6 scenes] Pie "Melna Medza", drama no Latvijas pagatus 3 celtanos, 6 ainu. Riga, Liesma, 1965. 86 p. [In Latvian]
- BLAGININA, E. A. [Shine, shine brightly! Verse for children] Gori-gori lasno! Stikhi dlia detei. Moskva, Detskaiia literatura, 1965. 156 p. (Shkol'naiia biblioteka)
- BYKOVA, E. M. [The Dongari language] Bengali'skii iazyk Moskva, Nauka, 1966. 141 p. (Iazyk narodov Azii i Afriki)
- CHAKOVSKII, A. B. [The bride] Nevesta. Moskva, Khudozhestvennaya literatura, 1966. 95 p. (Roman gazeta, no. 6(154))
- CHERNOV, V. S. [Tiger in the scarlet spots shirt; a tale] Tigr v aloiinalke; povest'. [Moskva] Molodaiia gvardiia, 1966. 100 p
- CHERNYI, K. G. [The Caucasus at my feet] Kniaz pod mnoiu. Stavropol', Knizhnoe izd-vo, 1965. 150 p. (MII)
- CHICHUA, SH. P. [Leo Klachoti. Tbilisi, Metsnoreba], 1965. 109 p. [In Georgian]
- CHIKOVANI, M. I. A. [The Georgian epic] Gruziiskii epos, Tbilisi, Metsnoreba. [In Georgian] Book 2. Pirkvamiy Amiani. 1965. 421 p.
- CHUKOVSKII, K. I. [Baby chick] Tsypienok. Moskva, Detskaiia literatura, 1966. 11 p. (Biblioteka detskogo sadu)
- CHYLYRYN, V. IE. [April; a novel and stories] Kvilen'; roman ta opoviddania. Kyiv, Radians'kyt pys'mennyk, 1963. 227 p. (IU)
- [CONCISE GEORGIAN-RUSSIAN DICTIONARY]. Kiakiki gruzinsko-russkii slovar'. Sost. M. V. Kankava. Tbilisi, Ganatleba, 1965. 139 p
- DAKESIAN, V. T. [Interrupted spring, a tale and stories. Prervannala vesna, povest' i rasskazy. Erevan, Alastan], 1965. 267 p. [In Armenian]
- DAUTRIAS, V. [Nightingale night, short stories] Lasktingala nakht, noveles Vilnius, Vaga, 1965. 157 p. [In Lithuanian]
- DEMENT'EV, A. V. [In private with one's conscience, verse] Naedne s sovest'iu, stikhi [Moskva] Mosk. rabochii, 1965. 95 p
- DEM'IAN, L. V. [Wedding without a bridegroom, stories] Svad'ba bez zhenikha, rasskazy. Moskva, Sovetskii pisatel', 1965. 169 p. (MII)
- DOLIN, V. A. [Special assignment troops on the banks of the Oskol] Chonovitsy na Oskole, byl'. [2., peche. izd.] [Moskva] Molodaiia gvardiia, 1966. 127 p
- DUBOUKA, ULADZIMIR. [Selected works in two volumes] Vybraniia tvory u dvukh tomakh. Minsk, Belous'. Vol. 1. [Verse] Vershy 1965. 538 p.
- DUDIN, M. A. [Selected lyrics] Izbiannaiia lirika [Moskva] Molodaiia gvardiia, 1966. 31 p. (Biblioteka izbiannoi liriki)
- DZHALLI, MUSA. [Selected works. Translated from the Tatar] Izbiannoe. Moskva, Khudozhestvennaya literatura, 1966. 254 p.
- DZHAVAKHIA, D. A. [Textbook of the Georgian language for non-Georgians, a short course] Uchebnik gruzinskogo iazyka dlia negruzins, kratkii kurs. Izd. 2. Tbilisi, Ganatleba, 1965. 253 p.
- DZHINDI, ADZHIE. [Reflection of the friendship of the Armenian and Kurdish peoples in folklore] Otvazhenie duzlyzhi armianskogo i kuridskogo narodov v folklоре. Erevan, Izd-vo Akad.nauk Armianskoi SSR, 1965. 157 p. [In Armenian]
- DZHURAEV, RUSTAM, and ABDULLODZHAN TUNUSOV. [Dadadzhian Tadzhevich Tadrtey, a brief sketch of his life and pedagogical activities with a supplementary bibliography] Dadadzhian Tadzhevich Tadzhev, kratkii ocherk zhizni i nauchno-pedagogicheskoi deiatel'nosti s prilozeniem bibliografii. Dushanbe, Tadzhiiskii gos. univ., 1965. 27 p.
- EGLINS-ELINAS, MEJERIS. [For one night; stories. Translated from the Lithuanian] Za odnu noch'; rasskazy. Moskva, Sovetskii pisatel', 1966. 213 p.
- EL'IASHEVICII, A. P. [Poets, verse, poetry; on the work of the Leningrad poets] Poety, stikhi, poeziia, o tvorchestve leningradskikh poetov. [Leningrad] Lenizdat, 1966. 357 p.
- EMEL'NIKOV, S. P. ["Les Rougon-Macquart" by E. Zola] "Rugon-Makkary" E. Zolla. Moskva, Khudozhestvennaya literatura, 1965. 134 p. (Massovaiia istoriko-literaturnaiia biblioteka)
- [ENCOUNTERS WITH RAINIS] Tikasas ar Raini. Riga, Liesma, 1965. 283 p. [In Latvian]
- ERMAKOV, V. M. [Bird-cherry tree] Cheremukha. Moskva, Sovetskaiia Rossiia, 1966. 126 p. (Poeticheskaiia Rossiia)
- ESENIN, S. A. [Rivers of words ripple and bubble; verse and poems] Slovesnykh rek kipeie i shorokhi; stikhi i poem. [Leningrad] Lenizdat, 1965. 882 p.
- FEDOTOV, M. R. [Historical ties of the Chuvash language with the languages of Finno-Ugrians in the Volga Valley and in Perm] Istoricheskie svyazi chuvashskogo iazyka s iazykami ugriano-finnov Povolzh'ia i Permi. Cheboksary, Chuvashizdat. Pt. 1. Baskakov, N. A., ed. [Chuvash-Mai ties] Chuvashsko-mariiskie svyazi. 1965. 159 p.
- FEZI, EKHMET. [Works. Sochineniia] Kazan', Tatarskii knip, 1964-2 v. (NIP)
- FIJALKOWSKI, KONRAD. [Fifth dimension; a collection of science-fiction stories. Translated from the Polish] Piatoe izmierenie, sbornik nauchno-fantasticheskikh rasskazov. Moskva, MII, 1966. 261 p. (Zaubezhnala fantastika)
- FRANKO, IVAN. [Zakhar Berkut, an image of public life in Carpathian Russia during the 13th century] Zakhar Berkut, obraz hromada koho zhytla Karpat'skoi Rusi v XIII vitsi. Kyiv, Dnipro, 1965. 153 p.
- GANI-ZADE, F. G. [People with inquisitive minds] Jemlik akhiananik. Baki, Azerneshr, 1965. 21 p. [In Azerbaijani]
- GIULBUDAGIAN, S. V. [Culture of the language employed by A. Shivanzade. Kul'tura iazyka A. Shivanzade. Erevan, "Mik", 1966. 187 p. [In Armenian]
- GIULNAZARIAN, KH. M. [Somewhere the horizon ended. Gde-to konchalsia gorizont. Erevan, Alastan] 1966. 404 p. [In Armenian]
- GLOWACKI, ALEKSANDR. [Collected works. Translated from the Polish] Sobranie sochinenii. Moskva, Gos. izd-vo khudozh. lit-ry, 1955. 5 v. [Publ. under his pseud. Boleslav Prus] (TNJ)
- GOGOL', N. V. [Petersburg tales] Peterburgskie povesti. [Moskva, Khudozhestvennaya literatura, 1965. 276 p.
- GORBATOV, BORIS. [Mountain trek] Gornyi pokhod Moskva, Voenizdat, 1966. 190 p.
- GRANTS, JAMES, pseud. [Ship docks at the Shore of Youth] Kugls plesia jaunibas krasla, romans. Riga, Latvijas Valsts izd-va, 1964. 168 p. [In Latvian] (MII)
- GRASHI, A. D. [Selected works in two volumes. Izbranye sochinenia v dvukh tomakh. Erevan, Alastan]. [In Armenian] Vol. 2. 1965. 317 p.
- GRIGORIAN, G. A. [Soviet Armenian epic songs and historical song folklore] Sovetskie armianskie epticheskie pesni i istoricheskie peseniy fol'lor. Erevan, Izd-vo Akad.nauk Armianskoi SSR, 1965. 251 p. [In Armenian]
- GRINEVSKII, A. S. [Collected works in six volumes] Sobranie sochinenii v shesti tomakh. Moskva, Pravda. [Publ. under his pseud. A. Grin] Vol. 1. 1965. 1 v. (Biblioteka "Ogonek") (NNC)
- GUDAITIS-GUZELVICIUS, A. [Conspiracy, a novel] Smokasias, romans. Vilnius, Vaga. [In Lithuanian] Vol. 2. 1965. 841 p
- GURUNTS, L. K. [Sounds of the Vorotan River, a novel. Shmit Vorotan; roman. Erevan, Alastan] 1965. 426 p. [In Armenian]
- GVARDZHALADZE, T. S., and I. S. GVARDZHALADZE, comp. Georgian-English dictionary. 10,000 words. 2. ed. Tbilisi, Ganatleba, 1965. 205 p.
- GVETADZE, R. M. [Lasha's evenings; tales and stories. Translated from the Georgian] Lasturskie vechera, povesti i rasskazy. Tbilisi, Literatura da kheto vneba, 1965. 347 p.
- GYETVAI, JANOS. [Arms and men] Oruzhie i ljudi, roman. Moskva, Voenizdat, 1966. 228 p.
- HAŠEK, JAROSLAV. [Collected works in five volumes. Translated from the Czech] Sobranie sochinenii v patti tomakh. Moskva, Pravda. (Biblioteka "Ogonek") Vol. 3. 1966. 406 p.
- HAUSMANIS, VIKTORS. [Rainis and the theater] Rainis un teatris. Riga, Liesma, 1965. 239 p. illus. [In Latvian]
- HERTZEN, A. I. [Thieving magpie, a tale] Soroka-vorotka, povest'. [Moskva, Gos. izd-vo detskoi lit-ry, 1963] 45 p. (Shkol'naiia biblioteka) (CU)

- HUBAR', O. I., and others. [Literary Bukovina] Literaturni Bufoynia. Kyiv, Dnipro, 1966. 226 p.
- IAKOVIKA E. I. [The last shelter of the poet M. I. U. Leimontov's little house] Posledni priut poeta, domik M. I. U. Leimontova. Stavropol', Knizhnoe izd-vo, 1965. 201 p.
- IASHAR, V. K. [The genre of tragedy in Azerbaijani literature]. Azerbaycan edebiyatında faciə xanə. Bakı, Azerbaycan SSR Elmlər Akademiyası nəşriyyatı, 1965. 191 p. [In Azerbaijani]
- INAYAT ALLAH, d. ca. 1671. [Book about faithful and unfaithful wives or, "Beklar-e dānesh". Translated from the Persian] Kniha o vernykh i nevernnykh zhenakh ili Beklar-e dānesh. 2. izd. Moskva, Riuka, 1966. 397 p.
- IONNISIAN, IOANNES. [Collected works] Sohrante sochineni. Erevan, Izd-vo AN Armianskoi SSR. [In Armenian and Russian] Vol. 3. 1965. 592 p.
- ISAKHIAN, G. A., comp. [Central newspapers of the Russian Social Democratic Party after 1905] Tsentral'nye gazety RSDRP o Zakavkaz'e 1905 g. sbornik. Erevan, Mikh, 1965. 267 p.
- ISAČENKO, A. V. [Grammatical system of the Russian language in comparison with Slovak] Grammaticheskii sistem russkogo iazyka v sopostavlenii s slovatskim. Izd. 2. Bratislava, Izd-vo Slovenskoi akad. nauk. Vol. 1. 1965- (ICU)
- ISHKHANIAN, R. A. [Language of the works of A. Bakunts. Iazyk proizvedenii A. Bakuntsa] Erevan, Mikh, 1965. 237 p. [In Armenian]
- JANONIS, JULIUS. Poet. [Vilnius, Vaga, 1966.] 14 fold. 1. [In portfolio]
- JONYNAS, ANTANAS. [Circle of happiness] Laimės ratas. Vilnius, Vaga, 1965. 281 p. [In Lithuanian]
- JONYNAS, ANTANAS. [The holy ones mold pottery; a satiric story] Šventieji žiedia puodus, satyrinė apysaka. Vilnius, Vaga, 1965. 213 p. [In Lithuanian]
- KAKHIANI, TS. P. [Arabic inscriptions from Dmanisi] Arabskie nadpisi iz Dmanisi. Tbilisi, Metsniereba, 1965. 71 p. 51 plates. [In Georgian]
- KALANDADZE, G. A. [The Georgian popular ballad. Translated from the Georgian] Gruzinskaya narodnaya ballada. Tbilisi, Literatura da khelovneba, 1965. 101 p.
- KANTOROVICH, V. I. A. [Thou and you, remarks of a writer] Ty i ty, zametki pisatelya. Moskva, Politizdat, 1966. 125 p.
- KATNEL'SON, S. D. [Comparative accentuation of the Germanic languages] Sravnitel'naya aktsentologiya germanskikh iazykov. Moskva, Nauka, 1966. 345 p.
- school of David Gareghzhi. Tbilisi, In Georgian]
- in the trenches of Stal-older from Kazakhstan v okopakh Stalinskogo Kazakhstana. [by] G. M. stvennaya literatura, estvennaya...
- Arabic] Uchebnik arab-tel', 1965. 653 p.
- the peoples of the biljaly; all mekteblarin ik. Bakı, "Maarif" Azerbaycan]
- a poem. Translated iskie afrikan; poema. 1963. 97 p.
- imes and poetry. Sovre-felsniereba] 1965.
- KHINTIBIDZE, A. G. [Problems in the study of verse. Voprosy stikhovedeni]. Tbilisi] 1965. 215 p. [In Georgian]
- KHOMENKO, O. B. [Road signs to truth and beauty, the Ukrainian tale and novel in 1963 and 1964] Dorohovskazhy palydy (krasy, ukrains'ka poviat' i roman 1963-1964 roiv. Kyiv, 1965. 47 p. (Tovarystvo "Znannia" Ukrain'skoi RSR Seria IV, no. 8)
- KLESICHENKO, A. D. [Stumbling block, three tales] Kamen' pretkoveniia, tri povesti. Moskva, Sovetskii pisatel', 1966. 390 p.
- KOCHAR, R. K. [Collected works in six volumes, Sobranie sochinenii v shesti tomakh] Erevan, Alastan, [In Armenian] Vol. 3. [Children of a large house] Doli bol'shogo doma. Book 1. 1965. 652 p.
- KODZOEVA, TAMARA. [Who is guilty; stories. Kto vinovat, sbornik rasskazov. Gorynly, Checheno-Ingushskoe knizhnoe izd-vo] 1964. 112 p. [In Ingush] (MII)
- KONDRATOV, A. M. [Sounds and signs] Zvuki i znaki. Moskva, Znaniye, 1966. 205 p.
- KONONENKO, A. I., and E. D. UDALOVA. [Literary evenings devoted to specific subjects in school, from work practices] Literaturno-tematicheskie vechera v shkole; iz opyta raboty. Kiev, Radians'ka shkola, 1966. 96 p.
- KONRAD, N. I. [The West and the East, articles] Zapad i Vostok, stat'i. Moskva, [Nauka] 1966. 517 p.
- KOROTEEV, N. I. [Fleety tides, tales] Ogmennaya zapadnaya, povesti. [Moskva] Molodaya gvardiia, 1966. 270 p.
- KOTKIAN, A. A. [In the furrows] V botozdakh. Erevan, Alastan] 1965. 108 p. [In Armenian]
- KOVAL', A. P. [Standards of the Ukrainian language] Kul'tura ukrains'kol movy. Kyiv, Naukova dumka, 1966. 190 p.
- KRISTOPAITIS, D. [Lithuanian military and historical folk songs; the epoch of feudalism] Lietuvių liaudies karinės-istorinės dainos, feodalinio epocha. Vilnius, Vaga, 1965. 285 p. [In Lithuanian]
- KRYLOV, I. A. [Fables] Basni. Moskva, Det'skaya literatura, 1965. 135 p.
- KUZNETSOV, F. F. [The magazine "Russkoe slovo"] Zhurnal "Russkoe slovo" Moskva Khudozhestvennaya literatura, 1965. 306 p.
- LACE, VILIS. [The tempest; a novel in three parts. Translated from the Latvian] Buris, roman v trekh chastiakh. Moskva, Izvestia, 1966. 2 v. (Biblioteka "Piat' desiat let sovetskogo romana")
- LAGUNOV, K. I. A. [Little town on the hillock; a narrative tale] Gorodok na bugre, povest'-skazka. Moskva, Det'skaya literatura, 1966. 93 p.
- LANKAUSKAS, ROMUALDAS. [From morning till evening] Nuo ryto iki vakaro. Vilnius, Vaga, 1965. 322 p. [In Lithuanian]
- LEONOV, L. M. [Invasion; a play in four acts] Nashestvie; p'esa v chetyrekh deistviakh. Moskva, Otdel rasprostraneniia drammaticheskikh proizvedenii VUOAP, 1966. 95 l.
- LEVITIN, M. E. [Most funny] Samoe smeshnoe. [Leningrad] Lenizdat, 1966. 427 p.
- LEZHNEV, A. Z. [Prose of Pushkin; an experiment in the study of style] Proza Pushkina, opyt eticheskogo issledovaniia. Izd. 2. Moskva, Khudozhestvennaya literatura, 1966. 262 p.
- [LIBRARY OF FANTASY AND TRAVELS IN FIVE VOLUMES, supplement to the periodical "Sei'skala molodezh'"] Biblioteka fantastiki i puteshestvii v plati tomakh; prilozenie k zhurnalu "Sei'skala molodezh'". Moskva, Molodaya gvardiia. Vol. 3. [Bremov, I., and others. 1965. 415 p. Vol. 4. Lem, S., and others. 1965. 388 p.
- LIETUVOS TSR MOKSLU AK. DEKLIA, Vilnia. Ie tova kalbos ir literaturos mokslas [Lithuanian language and literature studies] Vilnius, Mintis, [In Lithuanian] Vol. 1. [Phonetics and morphology, the noun, adjective, number, and pronoun] Ie toka ir morfologija, daiktavardis, budyvardis, skaitvardis, ivaidis. 1965. 752 p.
- LIKHOTAL', T. V. [Come with me, a tale] Idi so mnoi, povest' Moskva, Sovetskii pisatel', 1966. 200 p.
- [LITERATURE AND OUR TIMES, Lithuanian and Soviet-memorial, Tbilisi, Metsniereba] 1966. 126 p. [In Georgian]
- LORDKIPANIDZI, I. P. [Textual problems of the works of Galaktion Tabidze] Tekstologicheskie voprosy proizvedenii Galaktiona Tabidze. Tbilisi, Metsniereba, 1965. 191 p. [In Georgian]
- MACHAVARIANI, V. G. [For ever green is the tree of life] Vechno zelenet drevo zhizni. Tbilisi, Literatura da khelovneba, 1966. 197 p.
- MAIRONIS, JONAS. [Selected poems] Poezija, rinktinė. Vilnius, Vaga, 1966. 310 p. [In Lithuanian]
- MALDONIS, ALFONASAS. [The trees grow, poems] Auga medžiai, eilėraščiai. Vilnius, Vaga, 1965. 133 p. [In Lithuanian]
- MAMEDOV, F. G. [Clouds below, voice. Translated from the Azerbaijani] Oblaka vniizu; stikhi. Moskva, Sovetskii pisatel', 1966. 65 p.
- MAMIN, D. N. [Rocks, sketches on spring floating on the Chusovaya River] Boltoy, ocherki vechernykh splava po reke Chusovoi. [Perm'] Permskoe knizhnoe izd-vo, 1965. 171 p. (Biblioteka poteneh-sviti i prikliucheni, no. 22)
- MARCINKLVIČIUS, JUSTINAS. [Wall; an urban poem] Sieną; miesto poema. Vilnius, Vaga, 1965. 140 p. [In Lithuanian]
- MARGARIAN, M. E. [After the thaw; verse. Poete ottepoli, stikhi. Erevan, Alastan] 1965. 249 p. [In Armenian]
- MEL'TS, M. I. A., comp. [Russian folklore; bibliographical index] Russkii fol'klor, bibliograficheski ukazatel', 1917-1944. Pod red. A. M. Astakhovoi i S. P. Luppova. Leningrad, Biblioteka Akad. nauk SSSR, 1966. 682 p.
- [MEMORIES OF MUSA DZHILIL'] Vospominaniia o Muse Dzhilile, [Kavay'] Tatarskoe knizhnoe izd-vo, 1966. 235 p.
- MIKELINSKAS, JONAS. [Handful of sand; short stories] Zupenis smiltis; apsakymai Vilnius, Vaga, 1965. 109 p. [In Lithuanian]
- MINCHKOVSKII, A. M. [Strange adults; a tale] Strannye vzroslye; povest'. Moskva, Sovetskii pisatel', 1966. 162 p.
- MITIAEV, A. V. [Tales by the campfire] Skazki u kostra. [Moskva] Molodaya gvardiia, 1965. 130 p.
- MKHITARIAN, A. G. [Soviet Armenian literature in Georgia. Sovetskaya armianskaya literatura Gruzii. Erevan, Alastan] 1966. 268 p. [In Armenian]
- MOSEEV, O. A. [The key to a Berlin apartment] Kluch ot berlinskoi kvartiry. Moskva, Znaniye, 1965. 94 p. (Prochti, tovarishchi) (NYC)
- MOSCOW. UNIVERSITET DRUZHBY NARODOV. Kafedra russkogo iazyka. [Concise Russian-English dictionary of set expressions in modern Russian, a textbook for foreign students] Kratki russko-angliiskii slovar' neavobodnykh sochinenii sovremen-nogo russkogo iazyka; posobie dlia studentov-inostran-tsov. Moskva, 1965. 124 p.
- MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Antoine de Saint-Exupéry; a bibliography] Antuan de Sent-Ekzuperi; bibliobibliograficheski ukazatel'. Moskva, Kniga, 1966. 68 p. (Pisateli zarubezhnykh stran)
- MURADIAN, G. B. [Literary sketches. Literaturnye ocherki. Erevan, Alastan] 1965. 407 p. [In Armenian]

- MUSATOV, A. I. [Mamul's pool; tales and stories] Mamay omut, povesti, rasskazy. [Moskva] Moskovskii rabochii, 1966. 201 p.
- MYKOLAITIS-PUTINAS, VINCAS [The window] Langas Vindus, Vaga, 1966. 111 p. [In Lithuanian]
- NAROVCHIATOV, S. S. [Poetry in movement, articles] Poezija v dvizhenii, stat'i. Moskva, Sovetskii pisatel', 1966. 246 p.
- NEMLICHENKO, G. L. [Hello, Galochkin! A novel] Zdravstvui, Galochkin! Roman. Moskva, Sovetskii pisatel', 1966. 289 p.
- NIKOLADZE, NIKO. [Catalog of the archives of N. I. A. Nikoladze. Katalog arkhiva N. I. A. Nikoladze, Tbilisi, Izd-vo Akad. nauk Gruzinskoj SSR, 1954-1964] 2 v. [In Georgian]
- NIZAMI, GANJAWI, 1141?-1203? [Laili and Majnun] Laili i Madzhnun. Kraticheskie teksty A. A. Alekser-zade i F. Babaeva. Tbilisi, A. A. Ali-zade. Moskva, Nauka, 1965. 603 p. (Pamiatniki literatury narodov Vostoka. Teksty. Bol'shaja seriya, no. 17) [In Persian]
- NOZDREV, V. F. [True to his native home, verse and fables] Vernoost' otchemu domu, stikhi i basni. [Moskva] Moskrabochii, 1965. 161 p.
- NURPEISOV, ABDIZHAMIL'. [Blood and sweat; a novel. Krov' i pot; roman. Alma-Ata, Kazgostizdat. In Kazakh] Vol. 1. 1961. 1 v. (MII)
- ODRYVALIN, A. N. [In a difficult year] V trudnyi god. Moskva, Sovetskaja Rossiia, 1966. 51 p.
- OCIKIN, A. I. A. [Stepping toward immortality; a tale about the young hero Vnula Fedorov] Sagnuvshii v bessmertie, povest' o mladom geroe Vnule Fedorove. Moskva, Znanie, 1966. 158 p. (Prochti, tovarishchi!)
- ODINTSOV, A. B. [In the ravine of a mountain devil or, 15 sleepless nights] V ushel'e gornogo d'javola ili, 15 bessomykh nochei. [Leningrad] Gidrometeoizdat, 1966. 110 p.
- OKUDZHAHA, B. SH. [Slip of freedom; a play in 12 scenes with an epilogue] Glotok svobody; p'sen v 12 karinakh s epilogom. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 98 l.
- PALAGINA, V. V., ed. [Dictionary of Russian dialects spoken by old timers inhabiting the central Ob' River basin] Slovar' russkikh starozhili'cheskikh govorov srednei chasti basseina r. Obi. Tomsk, Izd-vo Tomskogo univ. Vol. 2. [Zh-O] 1965. 232 p.
- PANOVA, V. F. [Sisters; stories] Sestiy; rasskazy. Moskva, Sovetskaja Rossiia, 1965. 182 p.
- PAYLOV, N. V. [Khavdia and Tenechka, stories] Khavdia i Tenechka; rasskazy. [Darnaul] Altinskoe knizhnoe izd-vo, 1964. 170 p. (IU)
- PEREGUDOV, A. V. [Grim song; a novel in two parts] Surovaia pesnia; roman v dvukh chastiakh. Moskva, Sovetskii pisatel', 1966. 449 p.
- PLATONOV, A. P. [Selected works] Izbrannoe. [Moskva] Moskovskii rabochii, 1966. 541 p.
- POPOV, G. L. [A wisp of hay; stories] Klok sena. Minsk, Izd-vo Belarus', 1965. 242 p. (NIC)
- POTSKHISHVILI, M. P. [The chariot; verse. Translated from the Georgian] Kolesnitsa; stikhi. Tbilisi, Literatura da kholovneba, 1965. 77 p.
- [PROBLEMS IN THE STYLE OF EARLY GEORGIAN PROSE. Voprosy stila drevnegruzinskoi prozy. Tbilisi, Metsniereba, 1965. 89 p. [In Georgian]
- [PROBLEMS IN THE THEORY OF LITERATURE AND AESTHETICS. Voprosy teorii literatury i estetik. Tbilisi, Metsniereba, In Georgian] Vol. 2. 1965. 164 p.
- PROKOPIEV, A. I. [Collected works] Sobranie sochinenii. Moskva, Khudozhestvennaya literatura. Vol. 3. [Veise, 1955-1962] Stikhotvoreniia, 1955-1962. 1966. 590 p.
- PUSHKIN, A. S. [Complete collected works in ten volumes] Polnoe sobranie sochinenii v desiat tomakh. Izd. 3. Moskva, Nauka. Vol. 10. [Letters] Pis'ma. 1966. 900 p.
- RAID, A., and S. SMIRNOV. [Czech-Estonian dictionary] Tsehi-estli sonaranniat Taitlin, Kirjasius "Valgus," 1966. 441 p.
- RAKOVSKI, L. I. Kutuzov. Moskva, Khudozhestvennaya literatura, 1966. 582 p.
- RASCUS, PRANAS. [Fingers in the doors; satirical poems] Pirsiat taip duru, satyriniai eilinsonai. Vilnius, Vaga, 1966. 96 p. [In Lithuanian]
- ROZENTAL', D. E. [Problems in Russian spelling, a practical guide] Voprosy russkogo pravopisaniia, prakticheskoe rukovodstvo, 2, etereolipnoe izd. [Moskva] Izd-vo Mosk. univ., 1965. 166 p.
- ROZOV, VIKTOR. [The jester, a drama in two acts] Zalodnik, drama v dvukh deistviiakh. Oty. red. M. Svigiakova. Moskva, Otdel rasprostraneniia dramaticheskikh proizvedenii VUOAP, 1966. 71 l.
- [RUSSIAN-BENGALI DICTIONARY. Approximately 24,000 words] Russko-bengali'slovar'. Okolo 24000 slov. Sost. D. Litton. Pod red. N. Bikhumtka i Sh. Gkhesia. Moskva, Sovetskaja Entsiklopedia, 1966. 759 p.
- RYBIN, A. G. [Speed, a novel] Skorost'; roman. [Orenburg] Juzhno-Ural'skoe knizhnoe izd-vo, 1965. 250 p. (NIC)
- RYMAR', B. V. [Fate or man, a comedy in one act] Sud'ba ili chelovek, komedia v odnom deistvii. Moskva, Iskusstvo, 1966. 30 p. (Reportuar khudozhestvennoi samodeiatei'nosti, no. 2)
- RYSHKOV, I. U. M. [Captain Bystrova, a tale] Kapitan Bystrova, povest'. Moskva, Voenizdat, 1966. 247 p.
- RYSHKOV, I. U. M. [Steps on earth, stories] Shagi po zemle, rasskazy. Tbilisi, Literatura da kholovneba, 1965. 98 p.
- SAINIAN, A. A. [Delayed meeting. Zapozhalia vatiacha. Erevan, Alastan] 1965. 266 p. [In Armenian]
- SELIVERSTOV, S. L. [Oath at the site of a fire, a novel] Kiltva na popelishche; roman. Minsk, Belarus', 1965. 276 p. (NNC)
- SEMENKEVICH, N. N. [Sveaborg; an historical tale] Sveaborg, istoricheskaja povest'. Moskva, Voenizdat, 1966. 338 p.
- SERGIENKO, E. P. [Zhen'ka's wife; stories] Zhen'kina zhena, rasskazy. [Moskva] Glav. polit. upravlenie Sovetskoi armii i Voenno-Morskogo flota, 1966. 46 p. (Biblioteka zhurnalov "Sovetskii vojn," no. 5 (528))
- SEVUNTS, G. S. [In the bay, a novel. V bukhie; roman. Erevan, Alastan] 1965. 706 p. [In Armenian]
- SEVUNTS, G. S. [Works in 5 volumes. Sochineniia v 5-1 tomakh. Erevan, Alastan. In Armenian] Vol. 5. [Distant roads. Dal'nie dorogi] 1965. 637 p.
- SHAKESPEARE, WILLIAM. [Hamlet, Prince of Denmark. Translated from the English] Gamlet, prints Datskil. Illiustratsii i oformlenie B. Dekhterova. Moskva, Detskaja literatura, 1965. 220 p.
- SHCHEPKINA-KUPERNIK, T. L. [Odd pages] Razroznennye stranitsy. Moskva, Khudozhestvennaya literatura, 1966. 310 p.
- SHCHERBAKOV, I. U. N. [Writer, propagandist and fighter] Pisatel', agitator, boits. Moskva, Politizdat, 1966. 118 p. (Goroi i podvigi)
- SHERSHENEV, V. A., comp. [At one time... They tell the story... moments of laughter] Odnazhdy... Rasskazyvalut...; minuty smekha. Ashkhabad, "Turkmenistan," 1966. 135 p.
- SHESTALOV, I. U. N. [Blue wind of nomadism, a tale Translated from the Mansi] Sint veter kaslanila, povest'. Moskva, Khudozhestvennaya literatura, 1966. 53 p. (Roman-gazeta, no. 9(357))
- SHIDLOVSKAYA, A. A. [English language course, textbook for self-teaching and instruction by correspondence. With a supplement on English phonetics] Kurs angliiskogo iazyka, posobie dlia samobucheniia i znochnogo prepodavaniia. S prilozheniem angliiskoi fonetiki. [New York, Russian-American Guide, 1957?] 369 p. (NIC)
- SHOLOKHOV, M. A. [Collected works in nine volumes] Sobranie sochinenii v deviat tomakh Moskva, Khudozhestvennaya literatura. Vol. 5. [And quiet flows the Don, a novel in four books] Tikhii Don, roman v chetyrekh knigakh Book 4. 1966. 501 p.
- SIDOROV, V. N. [From the history of Russian sounds] Iz istorii zvukov russkogo iazyka. Moskva, Nauka, 1966. 157 p.
- SIMONIAN, K. A. [Sicilian defense, a novel. Sitsilianskaja zaschita; roman. Erevan, Alastan] 1965. 298 p. [In Armenian]
- SIMONOV, K. M. [Soldiers are not born, a novel] Soldatami ne rozhdaetsia; roman. [Moskva, Sovetskii pisatel', 1965] 675 p. (MIDW)
- SOLOUKHIN, V. A. [Coltfoot; a novel] Mat'-machekha, roman. Moskva, Sovetskii pisatel', 1966. 346 p.
- SULIMENKO, N. D. [Stylistic errors and ways of avoiding them; a teacher's text] Stilisticheskie oshibki i puti ikh ustraneniia; posobie dlia uchitelei. Moskva, Prosveshchenie, 1966. 133 p.
- SVRIDOV, G. I. [Those sentenced to death; a novel] Prigovori ennye k bessmertiu; roman. 2 izd. [Moskva] Profizdat, 1966. 317 p.
- [TALES] Skazki. Saratov, Prilozhskoe knizhnoe izd-vo, 1965. 182 p.
- TARKHOV, V. I. [4,000 useful words and expressions, a concise guide for the interpreter working in the field of international relations (the English language)] 4000 poleznykh slov i vyrazhenii, ki atkil spravochnik perevodchika-mezhdunarodnika (angliiskii iazyk). Moskva, IMO, 1966. 127 p.
- TARKOVSKI, A. A. [Of the earth to the earth; second book of verse] Zemle - zemnoe; vtoraja kniga stikhov. Moskva, Sovetskii pisatel', 1966. 174 p.
- TATARINTSEV, A. G. [The satirical call to indignation] Satiricheskoe vozvzvanie k vez muschenitiu. [Saratov] Izd-vo Saratovskogo univ., 1965. 90 p.
- TENDRIKOV, V. F. [Meeting with Nefertiti, a novel] Svidanie s Nefertiti; roman. Moskva, Molodaja gvardia, 1965. 475 p. (NCU)
- TER-OVANNISIAN, GRIGOR. [Collected works in seven volumes. Sobranie sochinenii v semi tomakh. Erevan, Alastan. Publ. under his pseud. Muratsan. In Armenian] Vol. 7. 1965. 413 p.
- [TO CHILDREN OF AN AQUILINE GENERATION...; a collection of songs and verse] Detiam orlinoego plemeni...; sbornik pesen i stikhov. [Moskva] Molodaja gvardia, 1966. 95 p. (Biblioteka "Vstupaishechnu v komсомol")
- TOKAREV, S. N. [White snow still in the fields... Vacant place; two tales (basically about sportsmen)] Eshecho v polnakh beiet sneg... Vakannoe mesto; dve povesti (v osnovnom - o sportsmenakh). Moskva, Molodaja gvardia, 1966. 206 p.
- TOLSTOI, A. N. [The goat; Russian folk tales edited by A. N. Tolstoi] Koza-dereza; russkie narodnye skazki v obrabotke A. N. Tolstogo. Moskva, Detskaja literatura, 1964. 76 p. (Shkol'naja biblioteka) (OCUW)

TSVILLING, M. I. A. [4,000 useful words and expressions: a concise guide for the interpreter working in the field of international relations (the German language)] 4000 poleznykh slov i vyrazhenii, kratkii spriavochnik perevodchika-mezhdunarodnika (nemetstsi i lazys'). Moskva, IMO, 1965. 141 p.

URKAN, I. P. [Selected lyrics. Lbiannala liliika. Moskva] Molodats gvardia, 1966. 29 p. [Biblioteka izbrannoi liriki]

V. IER, LUISE. [Front-line nurse] Rindeerde. Tallinn, Eesti Raamat, 1965. 303 p. [In Estonian]

VAICIUNAITIS, JUDITA. [Weathercocks] Vetrunges. Vilnius, Vaga, 1966. 90 p. [In Lithuanian]

VALANCUS, MOTIEJUS, Jr. [Jase of Palanga] Palangos Jure. Vilnius, Vaga, 1965. 205 p. [In Lithuanian]

VANSHENKIN, K. I. A. [Stupid Lika, about poetry and poetic taste] Neponiatlivaia Lika, o poezii i poeticheskom vkuse. Moskva, Iskustvo, 1966. 100 p.

VARSHAVSKII, I. I. [Smuel in Donomaga, science-fiction stories] Smisel zakhodit v Donomaga, fantasticheskie rasskazy. [Moskva] Molodats gvardia, 1966. 239 p. [Fantastika, priklucheniia, putesthestviia]

VASILENKO, I. D. [Little slat, tales] Zverdochka; povesti. Moskva, Sovetskii Rossiia, 1966. 348 p.

VINOGRADOV, I. A. [The springs of a bay; a documentary tale] Kiluchi zaliva, dokumental'nai povest'. Moskva, Voenizdat, 1964. 161 p. (MH)

VLADIMIROVA, A. V. [Toward the sun, lyrics] Navstachu solntsu, lirika. Moskva, Sovetskii pisatel', 1966. 87 p.

VOLKOV, E. P., and V. I. A. LAZAREV. [Boys dream of biganlines..., a tale] Mal'chishkam snitsia bi-ganliny..., povesti'. [Moskva] Molodats gvardia, 1966. 109 p.

WEICHECKI, STEFAN. [Siren in the derby hat, humorous stories and feuilletons. Translated from the Polish] Sirena v kotelko, humoristicheskie rasskazy i feuilletony. S predisl. Nauma Labkovskogo. Moskva, Progress, 1966. 295 p. [Publ. under his pseud. Stefan Wiech]

[WISE WORDS, aphorisms, thoughts, maxims, winged words] Umnoe slovo, aforizmy, mysli, izrecheniia, krylatye slova. [Moskva] Mosk. rabochii, 1966. 397 p.

ZAMOVSKII, S. G. [Concise English-Russian and Russian-English dictionary. Approximately 17,000 words] Kratki anglo-russkii i russko-angliskii slovar'. Okolo 17000 slov. Pod red. A. V. Litvinovoi. Izd. 6. Moskva, Gos. izd-vo inostr. natsional'nykh slovariei, 1957. 431 p. (KMK)

ZHEREBIN, V. M. [System of word classes for the automatic analysis of Chinese text] Sistema klassov slov dlia avtomaticheskogo analiza kitaiskogo teksta. Moskva, In-tychnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1964. 30 p. (Elektronnye vychislitel'nye mashiny) (MII)

ZHILINSKAITE, VITA. [The cocklefisher. Translated from the Lithuanian] Malski zhuk. Vilnius, Vaga, 1966. 343 p.

ZHOVTODRIUKH, M. A. [A course in modern literary Ukrainian; a textbook for the language and literature faculties of pedagogical institutes] Kurs suvchanoi ukrains'koi literaturnoi mowy; pidruchnyk dlia fakul'tetiv mowy i literaturny pedagogicheskikh institutiv. Vyd. 2, vyprav. Kyiv, Derzh uchbovopedagog. vyd-vo "Radians'ka shkola," 1961. Vol. 1. Zhohtodriukh, M. A., and B. M. Kulik, 1961. iv. (OCU)

ZIEMELIS, EGILS. [Men need strength; short stories] Viriem vajag spoku; stasti, Riga, Liesma, 1965. 110 p. [In Latvian]

12. GEOGRAPHY & GEOLOGY

AKADEMIA NAUK MOLDAVSKOI SSR. Отдел палеонтологий и стратиграфии. [Paleontological and Stratigraphical] Paleontologiya Moldavii. Kishinev, Kaita moldovenuske, 1965. 92 p.

AKADEMIA NAUK SSSR. Institut fiziki Zemli i tektoniki. [Monographs and articles published in the Transactions of the Seismological Institute, Institute of Theoretical Geophysics, and Geophysical Institute of the Academy of Sciences of the U. S. S. R. from 1930 to 1958, a bibliography]. Monografi i stat'i, opublikovannye v trudakh Seismologicheskogo Instituta, Instituta teoreticheskoi geofiziki i Geofizicheskogo Instituta AN SSSR za 1930-1958 gg., bibliograficheskii ukazatel'. Moskva, 1959. 79 p.

AKADEMIA NAUK SSSR. Institut istorii issledovaniia i tektoniki. [History of the studies of minerals by expeditions of the Academy of Sciences of the U. S. S. R.] Istoria issledovaniia poleznykh iskopayemykh ekspeditsiiami Akademii nauk SSSR. Moskva, Nauka, 1966. 165 p.

AKADEMIA NAUK SSSR. Institut okeanologii. [Pacific Ocean] Tikhii okean. Moskva, Nauka. [Vol. 3 Chemistry of the Pacific Ocean] Khimiia Tikhogo okeana. 1966. 358 p.

AKADEMIA NAUK SSSR. Kol'skii filial, Kirovsk. Geologicheskii institut. [Alkal rocks of the Kola Peninsula] Shikhochimnye porody Kol'skogo polnostrova. Moskva, Nauka, 1966. 111 p.

AKADEMIA NAUK SSSR. Komitetial, Syktyvkar. Institut geologii. [Stratigraphy and paleontology of the northeastern area of the European part of the U. S. S. R.] Stratigrafiia i paleontologiya Severo-Vostoka evropeiskoi chasti SSSR. Moskva, Nauka, 1966. 110 p. illus.

AKADEMIA NAUK SSSR. Mezhduvedomstvennyi geofizicheskii komitet IX razdel programmy MGG: Glitologiya. [Collection of articles] Sbornik statei. Moskva, Nauka. No 15. Baidin, V. I. [Mountains of the central part of Queen Maud Land (eastern Antarctica)] Gory Tsentral'noi chasti Zemli Korolevy Mod (Vostochnina Antarktida). 1966. 110 p.

AKADEMIA NAUK UZBEKSKOI SSR, Tashkent. Soviet po izucheniu proizvoditel'nykh sil. [Natural conditions and resources of southwestern Uzbekistan] Prirodnye uslovia i resursy Juzgo-Zapadnogo Uzbekistana. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 401 p.

AKADEMIA NAVUK BSSR, Minsk. Laboratoriia geokhimicheskikh problem. [Geochemical characteristics of the lithogenesis and land forms of the White Russian Polesye] Geokhimicheskai kharakteristika litogeneza i lundshafoty Belorusskogo Poles'ia. Pod red. K. I. Lukashchyn. Minsk, Nauka i tekhnika, 1966. 319 p.

AL'MUKHAMEDOV, I. A. N., and others. [Pskov, a manual for tourists] Pskov, spriavochnik dlia turistov. [Leningrad] Lenzdat, 1965. 139 p.

BELOSELSKAIA, G. A. [North America, its physico-geographical characteristics] Severnaya Amerika, fiziko-geograficheskai kharakteristika. [Voronezh] Izd-vo Voronezhskogo univ., 1965. 141 p.

BELOV, F. A., and I. S. SITNIK, eds. [Geology and minerals of the Kalmyk A. S. S. R.] Geologiya i poleznye iskopayemye Kalmytskoi ASSR. [By] F. A. Belov i dr. Etista, Kalmytskoe knizhnoe izd-vo, 1965. 117 p.

BORISOV, M., and S. IVANOV. [Greetings, Soviet Latvia] Zdravstvui, Sovetskai Latvii. Riga, Liesma, 1965. 108 p. illus.

BURIAKOV, I. U. F., and others. [Through the streets of Tashkent] Po ulitsam Tashkenta. Tashkent, "Uzbekistan," 1965. 115 p. illus.

BUSHKANETS, E. G. [Kazan; a guidebook] Kazan'; putevoditel'. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 182 p. illus., fold. col. map. (ITU)

[CHERKASSY] Cherkassy. [Kyiv, Mystetstvo, 1965] 94 p. illus. (Sortia "Oblasni mista Radians'koi Ukrainy")

CHUMACHENKO, A. A. [Man from the moon, a tale about the giant Russian traveler Mikuha-Makiat] Chelovek s lunny, povest' o velikom russkom putesthestvennike Mikuha-Makiae. Moskva, Detstva literatura, 1965. 84 p.

DAVYDOCHKIN, A. N. [Fundamentals of geology, mineralogy, and petrography] Osnovy geologii, mineralogii i petrografii. Kiev, Budivelnik, 1966. 162 p.

DAVYDOVA, M. I., A. I. KAMENSKII, and G. K. TUSHINSKII. [Physical geography of the U. S. S. R., practical assignments] Fizicheskai geografiia SSSR, prakticheskie raboty. Izd. 2, pere. Moskva, Prosveshchenie, 1965. 161 p. fold. map (insert)

DVORKIN-SAMARSKII, V. A. [Granitoid formations in the Sayan-Baikai mountainous area] Formirovani granitoidov Salno-Baikai'skoi gornoi oblasti. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1965. 285 p.

FINKEL'SHTEIN, D. N. [Natural and synthetic minerals; a textbook for students] Prirodnye i ishustvennye mineraly, posobie dlia uchashchikhsia. Moskva, Prosveshchenie, 1966. 128 p. illus.

IAKOVLEV, A. A. [Extra-curricular reading in geography for the higher grades of the secondary school] Vneklassnoe chitanie po geografii v starshikh klassakh srednei shkoly. Moskva, Prosveshchenie, 1964. 206 p. (Pedagogicheskai biblioteka uchitel'ei)

KENKMAA, RUDOLF, and GUSTAV VILBASTE [Tallinn's basaltic and green plantations] Tallinna basaltid ja haljasalad. Tallinn, Eesti Raamat, 1965. 85 p. illus. [In Estonian]

KHAIN, V. E., ed. [Problems of geology and paleogeography of the Quaternary] Problemy geologii i paleogeografii antipogena. [Moskva] Izd-vo Mosk. univ., 1966. 226 p.

KLAIPEDA. Vilnius, Mintis, 1965. 117 p. [In Lithuanian]

KOLESNIK, I. U. N. [Nephrites of Siberia] Nefrity Sibiri. Novosibirsk, Izd-vo "Nauka" Sibirskoe ot-delo, 1966. 146 p.

KOLODNYI, L. E. [Moscow through the eyes of a reporter] Moskva glazami reportera. [Moskva, Mosk. rabochii, 1966] 202 p.

KONONOV, I. U. V. [Gabbro massifs of the Ukrainian Shield; central part] Habbrovi masivy Ukrain's'koho shchytia; tsentral'na chastyna. Kyiv, Naukova dumka, 1966. 97 p. map (insert)

KRUPATKIN, B. L. [The blue Danube] Goluboi Dunai. Moskva, Znaniie, 1966. 93 p. (Prochti, tovaristchi!)

MEDONIS, A. [For tourists about Vilnius. Translated from the Lithuanian] Tutistu o Vil'niuse. Vilnius, Mintis, 1965. 218 p. fold. map (insert)

MURZAEV, E. M. [Nature of Sinkiang and the formation of deserts in Central Asia] Priroda Sh'nsziana i formirovanie pustyn' Tsentral'noi Azii. Moskva, Nauka, 1966. 381 p.

NABIEV, M. N., and R. G. OSICHKINA. [Potassium salts of Tlibegatan] Kalinye soli Tlibegatana. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR, 1965. 125 p.

NATSIONAL'NYI KOMITET GEOLOGOV SOVETSKOGO SOIUZA. [Geology of coal measures and the stratigraphy of the Carboniferous of the U. S. S. R.] Geologiya ugielnoynykh formatsii i stratigrafiia karbona SSSR. Moskva, Nauka, 1965. 314 p.

NOVOSIBIRSK. Moskva, Progress, 1965. 93 p. illus. [Parallel text in Russian, English, French and German]

OBUT, A. M., and R. F. SOBOLEVSKAIA. [Early Silurian graptolites in Kazakhstan] Graptolity ranego silura v Kazakhstane. Moskva, Nauka, 1966. 54 p.

OMAROV, O. U. [Courageous explorer of the Caspian Sea] Otvažnyi issledovatel' Kaspijskogo moria. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1965. 79 p.

OYCHARENKO, F.D., and others. [Chukasskoye deposit of bentonite and polygona skite clays]. Chukasskoye mestonazhdenie bentonitovykh i prygozskito-nykh glin. Kiev, Naukova dumka, 1966. 124 p.

PAPANIN, I.D. [Life on the ice floe, a diary] Zhizn' na l'de, dnevik. Moskva, Mysl', 1966. 330 p. (Puteshestviya, priklucheniya, fantastika)

PAVLOV, A.A. [Practical aid for mathematical cartography] Prakticheskoe posobie po matematicheskoi kartografii. [Leningrad] Izd-vo Leningr. univ., 1966. 151 p.

PECHELINTSEV, V.F. [Cimmerian folding of the Crimea] Kimmerids Kryma. Moskva, Nauka, 1966. 125 p.

PEREKALINA, T.V. [Geology of Hercynian granitoid intrusions in central Kazakhstan] Geologiya gertsinskikh granitoidnykh intruzii Tsentral'nogo Kazakhstana. [Leningrad] Izd-vo Leningr. univ., 1966. 239 p.

PETROV, M.P. [Deserts of Central Asia in two volumes] Pustyni Tsentral'noi Azii v dvukh tomakh. Moskva, Nauka. Vol. 1. [Ordos, Alashan, Pei-Shan] Ordos, Alashan', Beishan'. 1966. 271 p.

PINNEKER, E.V. [Lines of the Angara-Lena alluvial basin, characteristics of their distribution, their composition, dynamics, formation, and utilization] Itasoly Angara-Lenskogo i Leninskogo basseina, zakononmernosti razmeshcheniya, sostav, dinamika, formirovaniye i ispol'zovanie. Moskva, Nauka, 1966. 331 p.

RAKAUSKAS, R., and A.SUTKUS. Vilnius sokiadleniai. Vilnius, Mintis, 1965. 1 v. (chiefly illus.). — Vilnius on weekdays. 19 p. [In Lithuanian]

ROZHDESTVENSKI, A.K. [Encounters with dinosaurs] Vstrechi s dinozavrami. Moskva, Znanie, 1966. 60 p. (Novoe v zhizni nauke, tekhnike. X Seriya; Molodezhnik, no. 7)

RUDAJIS, J. [Roads invite you, automobile tourist routes] Ceil atelna, automobiliusima maršrutai. Riga, Liesma, 1965. 166 p. illus. [In Latvian]

SAMSONOV, V.I., and M.I. IAZHIGUR. [Kusk; a guidebook on historical and memorable places] Kusk, putevoditel' po istoricheskim i pamiatnym mestam. 2., dop. izd. Voronezh, Tsentral'no-Chernozemnoye knizhnoye izd-vo, 1965. 127 p. illus.

SAUKOV, A.A. [Geochemistry] Geokhimiya. Moskva, Nauka, 1966. 486 p.

SAVARENSKI, E.F., and D.P. KIRNOS. [Elements of seismology and seismometry. Elementary seismology i seismometriya. Tbilisi, Ganat'eba, 1965. 431 p. [In Georgian]

SHKHALIBEILI, E.SH. [Geology and the history of tectonic development of the eastern part of the Lesser Caucasus (within the boundaries of Azerbaijan)] Geologicheskoe stroenie i istoriya tektonicheskogo razvitiya vostochnoi chasti Malogo Kavkaza (v predelakh Azerbaidzhana). Baku, Akad.nauk Azerbaidzhanskoi SSR. [Vol. 2. Tectonic pattern and igneous activity] Tektonicheskaya struktura i magmatizm. 1966. 261 p.

SKLIUTAUŠKAS, JOKUBAS. [Atlas of the steppe] Stepiu atlasas. Vilnius, Mintis, 1965. 88 p. [In Lithuanian]

SOVESHCHANIE PO PROBLEMNYM VOPROSAM TEKTONIKI TERRITORII TURKMENSKOI SSR, Ashkhabad, 1964. [Tectonics of Turkmenia and adjacent territories; materials] Tektonika Turkmennii i sosednykh territorii; materialy. Moskva, Nauka, 1966. 239 p.

STOTSENKO, A.V., ed. [Geography of the Maritime Territory] Geografiya Primorskogo kraia. Izd. 2., ispr. Vladivostok, Dal'nnevostochnoe knizhnoye izd-vo, 1965. 67 p.

TOKAREV, P.I. [Eruptions and seismic regime of the volcanoes of the Kiyuchevskaya group, 1949-1963] Izvrazheniya i seismicheskiy rezhim Kiyuchevskoi gruppy (1949-1963 gg.). Moskva, Nauka, 1966. 110 p.

USTIEV, L.K. [Beyond the night] Po lu storoni nochi. Moskva, Mysl', 1966. 311 p. illus. (Puteshestviya, priklucheniya, fantastika)

VOITKEVICH, G.V. [Age of the earth and geological chronology] Vozrast Zemli i geologicheskoe letoschislenie. Moskva, Nauka, 1965. 52 p. (Nauchno-popul'naya seriya)

ZHUCHKEVICH, V.A. [Toponymy, a concise geographic study] Toponimika, kratkiy geograficheskii ocheik. Minsk, Vysshaya shkola, 1965. 320 p.

13. SCIENCE

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut geografii. [Hydrogeology of Azerbaijan and the Caspian Sea] Gidrometeorologiya Azerbaidzhana i Kaspiiskogo mornia. Baku, Izd-vo Akad.nauk Azerbaidzhanskoi SSR, 1965. 212 p.

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut kibernetiki. [Collection of standard subprograms for the "BESM-2" computer] Sbornik standartnykh podprogram dlia mashiny "BESM-2". Baku, Akad.nauk Azerbaidzhanskoi SSR, 1965. 60 p. (Standartnye programy dlia byalirodsstvolushchikh vychislitel'nykh mashin)

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku. Terminologicheskii komitet. [Dictionary of physical terms] Slovari terminov po fizike. Baku, Izd-vo Akad.nauk Azerbaidzhanskoi SSR, 1965. 239 p. [In Russian and Azerbaijani]

AKADEMIYA NAUK GRUZINSKOI SSR, Tiflis. Institut bolaniki. [Biogeology and phytocenology] Biogeologiya i fitotsenologiya. Tbilisi, Metsnereba, 1965. 121 p. [In Georgian and Russian]

AKADEMIYA NAUK GRUZINSKOI SSR, Tiflis. Institut neorganicheskoi khimii i elektrokhimii. [Studies in the field of electrochemistry and radiochemistry] Issledovaniya v oblasti elektrokhimii i radiatsionnoi khimii. Tbilisi, Metsnereba, 1965. 165 p. [In Russian and Georgian]

AKADEMIYA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut bolaniki. [Vegetation of Kazakhstan] Rasstret'nyi pokrov Kazakhstana. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR. Vol. 1. 1966. 591 p.

AKADEMIYA NAUK SSSR. [Physicochemical mechanics of diatomic structures] Fiziko-khimicheskaya mekhanika dispersnykh struktur, sbornik statei. Otv. red. P.A.Rebinder. Moskva, Nauka, 1966. 399 p.

AKADEMIYA NAUK SSSR. Botanicheskii Institut. [Vegetation of the world, a guidebook to the exhibits of the Museum of the Komarov Botanical Institute of the Academy of Sciences of the U.S.S.R.] Rasstret'nyi mir; putevoditel' po ekspozitsiiam muzeia Botanicheskogo Instituta im. V.L.Komarova Akademii nauk SSSR. Moskva, Nauka, 1965. 163 p.

AKADEMIYA NAUK SSSR. Institut elementoorganicheskikh soedinenii. [Advances in the synthesis of organometallic polymers] Uspekhi v oblasti sinteza elementoorganicheskikh polimerov. Pod red. V.V. Korshaka. Moskva, Nauka, 1966. 246 p.

AKADEMIYA NAUK SSSR. Institut geografii. [Zonal characteristics of terrestrial animal populations] Zonal'nye osobennosti naseleniya nazemnykh zhivotnykh. [Moskva] Nauka, 1966. 126 p.

AKADEMIYA NAUK SSSR. Institut geokhimii i analiticheskoi khimii. [Analytical chemistry of plutonium] Analiticheskaya khimiya plutoniya [By] M.S.Milukova i dr. Moskva, Nauka, 1965. 453 p. (Seriya "Analiticheskaya khimiya elementov")

AKADEMIYA NAUK SSSR. Institut mikrobiologii. [Nature of viruses] O prirode virusov. Moskva, Nauka, 1966. 228 p.

AKADEMIYA NAUK SSSR. Institut nauchnoi informatsii. [Achievements of sciences: geophysics, 1964] Dosti nauki; geofizika, 1964. Moskva, 1965. 426 p.

AKADEMIYA NAUK SSSR. Nauchnyi sovet po treniu i amozocnyum materialam. [New developments in friction theory] Novoe v teorii treniya. Moskva, Nauka, 1966. 193 p.

AKADEMIYA NAUK SSSR. Sibirskoe otdelenie. Sibirskii Institut zemnogo magnetizma, ionosfery i raspiostaneniya radiovoln. [Studies in geomagnetism and aeronomy] Issledovaniya po geomagnetizmu i aeronomii. Moskva, Nauka, 1966. 287 p.

AKADEMIYA NAUK URSR, Kiev. [Benthos distribution and bottom fauna biology in southern seas] Raspiostaneniye bentosa i biologiya donnykh zhivotnykh v iuzhnykh morskakh. Kiev, Naukova dumka, 1966. 130 p. (Respublikanskiy mezhdunarodnyi sbornik Seriya "Biologiya moria")

AKADEMIYA NAUK URSR, Kiev. [Problems in astrophysics] Voprosy astrofiziki. [Kiev, Naukova dumka, 1966] 204 p. (Respublikanskiy mezhdunarodnyi sbornik Seriya Astronomiya i astrofizika)

AKADEMIYA NAUK UZBEKSKOI SSR, Tashkent. Institut mekhaniki. [Studies in analytic mechanics] Issledovaniya po analiticheskoi mekhanike. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR, 1965. 184 p.

AKADEMIYA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut obshchego i politicheskogo obrazovaniya. [Fundamentals of the methodology of teaching elementary mathematics, a teacher's manual] Osnovy metodiki nachal'nogo obucheniya matematike, posobie dlia uchitelia. Pod red. A.S.Pcheiko. Moskva, Prosveshchenie, 1965. 374 p.

AKHMANOV, S.A., and R.V. KHOKHLOV. [Problems in nonlinear optics, electromagnetic waves in nonlinear dispersive media, 1962-1963] Problemy nelineinnoi optiki, elektromagnitnye volny v nelineinykh dispergiruyushchikh sredakh, 1962-1963. Moskva, Akad. nauk SSSR, 1965. 294 p. (Itogi nauki)

ANDRIASOV, A.N., and T.A. BRAKSHI, eds. [Nutrition and higher nervous activity] Pitanie i vysshaya nervnaya dejatel'nost'. [Leningrad] Meditsina, 1966. 205 p.

[ASTRONOMICAL YEARBOOK OF THE U.S.S.R. FOR 1966] Astronomicheskii ezhegodnik SSSR na 1966 g. Sorok vos'moi god izdaniya. Moskva, Nauka, 1966. 674 p.

— [Supplement to the Astronomical Yearbook of the U.S.S.R. for 1969] Prilozhenie k Astronomicheskomu ezhegodniku SSSR na 1969 god. 24 p.

BAIBENKO, L.P., and others. [System of automatic programming for the M-20 computer, address language translator] Sistema avtomaticheskogo programirovaniya dlia mashiny M-20, i analizatora adresnogo jazyka. Spravochnoe inzhenerstvo. Kiev, Naukova dumka, 1965. 153 p.

BARANOVSKI, L.V. [5 errors in our nutrition] 5 oshibok v nashej pitanii. Moskva, Znanie, 1966. 30 p.

BARSHCHEVSKI, B.U. [Fundamentals of quantum optics, lectures for third-year students of any majors, except E and ES, and second-year students majoring in E and ES] Osnovy kvantovoi optiki, lektsii dlia studentov III kursa vsex spetsial'nostei, krome E i ES, i studentov II kursa spetsial'nostei E i ES. Moskva, Vses. zaochnyi inzhenerov zhei-dor. transporta, 1965. 39 p.

BEME, R.L., and A.A. KUZNETSOV. [Forest and mountain birds of the U.S.S.R.; a field guide, a manual for teachers] Ptitsy lesov i gor SSSR, polevoi opredelitel'. Posobie dlia uchitelia. Moskva, Prosveshchenie, 1966. 271 p. illus.

BERIDZE, R.K. [Genus Fragaria L.: cytogenetic and genetic studies. Rod Fragaria L.: isitotsiologicheskoe i geneti cheskoe issledovanie. Tbilisi, Metsnereba] 1965. 204 p. [In Georgian]

BONCH-BRUEVICH, A.M. [Radio electronics in experimental physics] Radioelektronika v eksperimente (fizika). Moskva, Nauka, 1966. 768 p.

BRODSKI, V.IA. [Trophic function of the cell] Trofika kletki. Moskva, Nauka, 1966. 354 p.

BRUNDEA, K. [Advances in soil microbiology in the Lithuanian S.S.R.] Dirvozemio mikrobiologijos mokslu laimėjimai Lietuvos TSR. Vilnius, Laikraščiu ir žurnalu leidykia, 1964. [In Lithuanian]

BULATOV, M.I., and I.P. KALINKIN. [Laboratory manual on the colorimetric and spectrophotometric methods of analysis] Prakticheskoe rukovodstvo po kolorimetričeskim i spektrofotometričeskim metodam analiza. Moskva, Khimiya, 1965. 222 p.

DERZHAK, A. P. [Solution of problems in descriptive geometry by means of the transformation of orthogonal projections] Resheniye zadach nachevleniya geometrii s pomoshch'yu preobrazovaniya ortogonal'nykh proyektii. Nauchnik, Kharkovo-Balkarskii gos. univ., 1962. 111 p. [MICROFILM]

DITKIN, V. A., and A. P. PRUDNIKOV. [Operational calculus] Operatsionnoe ischislenie. Moskva, Vysshaya shkola, 1966. 405 p.

DRUZHININ, I. P., and others. [Stratiform and geophysical processes, relations, recurrence, and forecast] Recheniye sloz i geofizicheskie protsessy, svyazi, i ikh izmeneniya. Otkrytiya, 1966. 291 p.

ERSTEIN, ALBERT. [Collection of scientific works in four volumes. Translated from the English and German] Sbornik nauchnykh trudov v chetyrekh tomakh. Pod red. I. E. Tamina, I. A. Smorodinskogo, B. G. Kuznetsova. Moskva, Nauka, 1966. 877 p. (Klassiki nauki)

ENA, V. G. [Landform monuments] Landshtafnye pamiatniki. Simferopol', "Krym," 1966. 68 p. (Priroda Kryma)

[ENCYCLOPEDIA OF PHYSICS] Fizicheskiy entsiklopedicheskiy slovar'. Glav. red. A. M. Baldin i dr. Moskva, Sovetskaya Entsiklopediya. (Entsiklopedii, slovari, spravochniki) Vol. 5. Spekt - Iarkosi'. 1966. 575 p.

EREMEEVA, A. I. [Herschel's universe, his cosmological and cosmogonical ideas and discoveries] Vseennaya Gershella, kosmogonicheskie i kosmogonicheskie idei i otkrytiya. Moskva, Nauka, 1966. 318 p.

FEDIN, E. I. [Electrical properties of solids] Elektricheskie svoystva tverdykh tel. Moskva, Znanie, 1966. 94 p. (Narodnyi universitet Estestvenno-nauchnyi fakul'tet, no. 4)

FETISOV, A. I. [Essays on Euclidean and non-Euclidean geometry] Ocherki po evklidovoi i neevklidovoi geometrii. Moskva, Prosveshchenie, 1965. 233 p.

FIKHTENGOLTS, G. M. [Course in differential and integral calculus] Kurs differentsial'nogo i integral'nogo ischisleniya. Izd. 6. Moskva, Nauka, Vol. 2. 1966. 800 p.

[FLORA OF MURMANSK PROVINCE] Flora Murmanskoi oblasti. Moskva, Nauka, No. 5. 1966. 518 p.

GALIMOV, K. Z., ed. [Nonlinear theory of plates and shells] Nelineinaya teoriya plastin i obolochek. [Kazan'] Izd-vo Kazanskogo univ., 1962. 173 p. diagrams, tables. (RFB)

GOKHMAN, A. V., and others. [Problems in mathematical logic and the algebra of sets] Sbornik zadach po matematicheskoi logike i algebre mnozhestv. [Saratov] Izd-vo Saratovskogo univ., 1965. 85 p.

GRIGOROVICH, V. K. [Mendeleev's periodic law and the electron structure of metals] Periodicheskiy zakon Mendeleeva i elektronnoe stroenie metallov. Moskva, Nauka, 1966. 286 p. (K 100-letiyu so dnya otkrytiya periodicheskogo zakona)

IL'YUSHIN, A. A. [Mechanics of a solid medium] Mekhanika sploshnoi sredy, uchebnoe posobie. [Moskva] Izd-vo Mosk. univ. No. 1. 1965. 56 p.

INFELD, LEOPOLD. [Evariste Galois, the chosen of the gods. Translated from the English] Evarist Galua, izbrannik bogov. [Izd. 3.] Moskva, Molodaya gvardiya, 1965. 349 p. (Zhizn' zamechatel'nykh liudei, no. 32(262))

IZOTOP, VSEORUZHNOE OB'EDINENIE. [Shielding technique; informative letter concerning the ordering of shielding articles for 1966] Zashchitnaya tekhnika, informatsionnoe pismo o poriadke zakaza izdaniy zashchitnoi tekhniki na 1966 g. Moskva, Otdel tekhn. informatsii V/O "Izotop," 1965. 18 p.

KAPLAN, S. A. [Elementary radio astronomy] Elementarnaya radioastronomiya. Moskva, Nauka, 1966. 274 p.

KARAEV, A. I., and G. K. KADYROV. [Reticular formation of the brainstem and vegetative functions] Bash bojin sutunlari torabnisi torabnisi vc veketativ vefiziol. Baki, Azerbaycan SSR Elmi Akademiya yash neshi ijatyi, 1965. 191 p. [In Azerbaijani]

KOGAN, B. I. U. [Application of mechanics to geometry] Prilozhenie mekhaniki k geometrii. Moskva, Nauka, 1965. 51 p. (Populnarye iekstsi po matematike, no. 41)

KONFERENTSIYA PO VOPROSAM REGENERATSII I KLETOCHNOGO RAZMNOZHENIYA. 4th, 1964 [Materials of the Fourth Conference on Problems of Regeneration and Cell Reproduction, December 12-14, 1964] Materialy Moskva, Vtoroi Mosk med int., 1964. 161 p. [Program of the Conference Programmi Konferentsii] 10 p.

KREMER, I. N. [Biochemistry of protein nutrition, anabolic effects of nutritive protein and the factors determining them] Biokhimiya belkovogo pitaniya, anabolicheskie efekty pishchevogo belka i opredelushchie ikh faktory. Riga, Zinatne, 1965. 467 p.

KUPRIANOV, V. V. [How the human body is constructed] Kak ustroeno telo cheloveka. Moskva, Znanie, 1966. 44 p. (Narodnyi universitet Fakul'tet zdorov'ia, no. 6)

LISENKO, A. A. [International Unit System] Mezhdunarodnaya sistema edinits SI. Moskva, Nedra, 1966. 67 p. (Nauchno-populnaya seriya)

MAKHALDIANI, V. V. [Processing experimental material. Obiasheniya eksperimental'nogo materiala. Tbilisi, Metsnereba] 1965. 106 p. [In Georgian]

MALKIN, I. G. [Theory of stability of motion] Teoriya ustoychivosti dvizheniya. Izd. 2., ispr. Moskva, Nauka, 1966. 530 p.

MASKEVICH, V. S. [Fundamentals of the kinetics of laser radiation] Osnovy kinetiki izlucheniya lazera. Kiev, Naukova dumka, 1966. 234 p.

MIKHILIN, S. G. [Numerical implementation of variational methods] Chislennaya realizatsiya variatsionnykh metodov. Moskva, Nauka, 1966. 432 p.

MOSIDZE, V. M. [Significance of the acoustic region of the cerebral cortex in conditioned reflex activity] Znachenie slukhovo oblasti kory golovnogo mozga v usloviyakh formirovaniya uslovnogo refleksa. Tbilisi, Metsnereba, 1965. 158 p.

MUSKHELISHVILI, N. I. [Some fundamental problems in the mathematical theory of elasticity; integral equations, two-dimensional elasticity theory, torsion, and flexure] Nekotorye osnovnye zadachi matematicheskoi teorii uprugosti, osnovnye uravneniya, ploskaya teoriya uprugosti, krucheniye i izgib. Izd. 5., ispr. i dop. Moskva, Nauka, 1966. 707 p.

NANOBASHVILI, E. M. [Radiochemistry] Radiatsionnaya khimiya. Tbilisi, Metsnereba, 1965. 106 p. [In Georgian]

OCHAN, I. S. [Problems and theorems in the theory of functions of real variables] Sbornik zadach i teorem po teorii funktsii detsystvet'nogo peremennogo. Moskva, Prosveshchenie, 1965. 220 p.

OL'KHOV, O. A. [Atoms and the life of plants] Atomy i zhizn' rastenii. Moskva, Kolos, 1965. 78 p.

OPARRIN, A. I. [Modern data on the origin of life] Sovremennyye dannyye o proiskhozhdenii zhizni. Moskva, Znanie, 1966. 44 p. (Novoe v zhizni, nauka, tekhnika. XII Seriya: Estestvoznaniye i rologiya, no. 4)

PAPLAUSKAS, A. B. [Trigonometrical series from Euler to Lebesgue] Trigonometricheskie riady ot Eilera do Lebeoga. Moskva, Nauka, 1966. 275 p.

[PATHS INTO THE UNKNOWN; authors talk about science] Puti v neznaemoe; pisateli rasskazывают o nauke. Moskva, Sovetskii pisatel'. No. 5. 1965. 493 p.

[PHILOSOPHY OF THE NATURAL SCIENCES] Filosofiya estestvoznaniya. Moskva, Politizdat. No. 1. 1966. 412 p.

RASHEVSKII, P. K. [Riemann geometry and tensor analysis] Rimannova geometriya i tenzornyy analiza. Izd. 2., Moskva, Nauka, 1964. 664 p.

REKACH, V. G. [Manual on the solution of problems in the theory of elasticity] Rukovodstvo k resheniyu zadach po teorii uprugosti. Moskva, Vysshaya shkola, 1966. 226 p.

REZNIKOV, V. M., and M. N. SHIROKOVA. [Methodological manual and laboratory exercises in organic chemistry] Metodi cheskov rukovodstvo i zadyi praktiku po organicheskoi khimii. Minsk, Vysshaya shkola, 1965. 104 p.

RIGA. MEDICINAS INSTITUTS. [Current problems of normal and pathological morphology, a festschrift for Professor V. A. Kal'berg's 70th birthday] Aktuallie voprosy normal'noi i patologicheskoi morfolozii; sbornik nauchnykh i abot, posvyashchennykh 70-letiyu professora V. A. Kal'berga. Riga, "Zvaigzne," 1965. 300 p.

SAMOKHVALOV, G. K. [Light and plants] Svet i rasteniye. Kharkov, Izd-vo Kharkovskogo univ., 1963. 174 p.

SHAKRYL, A. K. [Epidermis of the Lamiaceae used in diagnosing some contemporary and fossil species] Epidermis mivorykh dila diagnostiki nekotorykh sovremennykh i iskopaemykh vidov. Tbilisi, Metsnereba, 1965. 70 p. illus.

SHKINMANN, S. M., ed. [Theoretical principles and interpretation of observations in the method of induced polarization] Teoreticheskie osnovy i interpretatsiya naibludovaniy v metode vyzvannoi polarizatsii. [By] V. A. Komarov i dr. Leningrad, Nedra, 1966. 201 p.

SHUPRIN, F. SH. [Some difficult questions in the theory of physics; laws of motion, crystals and molecules, scales of phenomena and units of measurement] Nekotorye trudnye voprosy v opredelennykh oblastiakh fiziki: zakony dvizheniya, kristally i molekuly, shchitki izmeneniya i edinitsy izmereniya. Moskva, Prosveshchenie, 1966. 149 p.

SHUMILOVSKII, N. N., ed. [Methods of nuclear magnetic resonance] Metody yadernogo magnitnogo rezonantsa. [By] N. N. Shumilovskii i dr. Moskva, Energiya, 1966. 137 p. (Fizicheskie i fiziko-khimicheskie metody kontrolya sostava i svoystv veshchestva)

SIMONIAN, S. A. [Fungous parasites of plants in the botanical gardens of the Armenian S.S.R.] Glubinye parazitnye vashchitki botanicheskikh sadov armianskoi SSR. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1965. 157 p.

SKLIAROVA, E. G., and L. O. ATOVMIAN. [What polymers are? Chto takoe polimery. Moskva, Znanie, 1966. 77 p. (Narodnyi universitet Estestvenno-nauchnyi fakul'tet, no. 3)

STRUJK, DIRK JAN. [Brief outline of the history of mathematics. Translated from the German] Kratkiy ocherk istorii matematiki [By] D. I. A. Struk. Moskva, Nauka, 1964. 232 p. (Mitt)

TENDIUK, L. M. [Typhoon hunters] Shukachi tifunov. Kyiv, Molod', 1965. 64 p.

[TEXTBOOK FOR A PHYSICS COURSE] Uchebnye zadaniya po kursu fiziki. [By] A. N. Volekhov i dr. Moskva, Vses. nauchnyi otryeg. In-1. No. 1. [Physical foundations of mechanics] Fizicheskie osnovy mekhaniki. 1964. 127 p.

TOLMACHEV, A. I., ed. [Arctic flora of the U.S.S.R., critical review of vascular plants, found in the Arctic regions of the U.S.S.R.] Arkticheskaya flora SSSR; kriticheskiy obzor sositatsykh rastenii, vstrochayushchikhsya v arkticheskikh raiionakh SSSR. Moskva, Nauka, No. 3. Egorova, T. V., and others, comp. [Family Cyperaceae] Sostavstvo Cyperaceae. 1966. 173 p.

TSIKUNOV, A. E. [Collection of mathematical formulas] Sbornik matematicheskikh formul. Minsk, Vysshaya shkola, 1966. 176 p.

TUDOS, FERENC. [Study of the kinetics of radical polymerization based on the hypothesis of hot radicals] Rassmoeniye kinetiki radikal'noi polimerizatsii na osnovye gipotezy gorachikh radikalov; obzor. Pod red. V. A. Karginna. Moskva, Mir, 1966. 147 p.

URAL'SKOE SOVESHCANIE PO SPEKTROSKOPII, 4th, Sverdlovsk, 1963. [Materials of the 4th Urals Conference on Spectroscopy] Materialy. Pod red. G. P. Skornikova, A. B. Sinavich, i S. G. Bogomolova [Moskva] Metallurgiya, 1965. 263 p.

- VITINSKII, I. I. [Morphology of solar activity] *Morfologiya solnechnoi aktivnosti*. Moskva, Nauka, 1966. 198 p.
- VORONIN, L. G. [A course of lectures on the physiology of higher nervous activity] *Kurs lektsii po fiziologii vysshei nervnoi deiatel'nosti*. Moskva, Vysshaya shkola, 1965. 382 p.
- VSESOIUZNOE SOVESICHANIE PO FIZIKE SHECHELOCHNOGALOIDNYKH KRISTALLOV 2d. Riga, 1961. [Physics of alkali-halogen crystals, Transactions] *Fizika shechelochnogaloidnykh kristallov*, trudy Riga, Latvskoi gos. univ., 1962. 547 p. (ICRI)
- VYGODSKI, M. I. A. [Handbook in elementary mathematics, tables, arithmetic, algebra, geometry, trigonometry, functions, and graphs] *Spravochnik po elementarnoi matematike, tabitsy, arifmetika, algebra, geometriya, trigonometriya, funktsii i grafiki*. Izd. 16. Moskva, Nauka, 1965. 423 p.
- VYGODSKI, M. I. A. [Handbook in higher mathematics] *Spravochnik po vysshei matematike*. Izd. 8. Moskva, Nauka, 1966. 870 p.
- VYNNYK, V. O. [Names of units of measurement and weight in Ukrainian] *Nazvy odynits' vymiru i vahy v ukrains'kii movi*. Kyiv, Naukova dumka, 1966. 148 p.
- ZAITSEV, I. L. [Elements of higher mathematics for technical schools] *Elementy vysshei matematiki dlia tekhnikumov*. Pod red. G. S. Baranenkova. Izd. 6., stereotipnoe. Moskva, Nauka, 1966. 422 p.
- ZATS, V. I., O. I. A. LUK'IANENKO, and G. V. IATSEVICH. [Hydro-meteorological regime of the southern coast of the Crimea] *Gidrometeorologicheskiy rezhim yuzhnogo berega Kryma*. Pod red. L. B. Slavina. Leningrad, Gidrometizdat, 1966. 119 p.
- ZEL'DOVICH, I. A., and I. P. RAIZER. [Physics of shock waves and high-temperature hydrodynamic effects] *Fizika udarnykh voln i vysokotemperaturnykh gidrodinamicheskikh yavlenii*. Izd. 2., dop. Moskva, Nauka, 1966. 680 p.
- ZELIKMAN, A. L. [Laboratory manual on the zoology of invertebrates] *Praktikum po zoologii bespozvochnykh*. Moskva, Vysshaya shkola, 1965. 331 p.
- ZIL'KOV, S. I. [Origin of precipitation in the warm sea] *Priozhizhdenie osadkov v teploe vremenno goda*. Leningrad, Gidrometizdat, 1966. 250 p.
- #### 14. MEDICINE
- ADO, A. D. [Some philosophical aspects of the theory of disease. Materialistic principles of the theory of the reactivity of the organism] *by V. V. Kupritanov*. Nekotorye filosofskie aspekty ucheniya o bolezni. Materialisticheskie osnovy ucheniya reaktivnosti organizma (by V. V. Kupritanov). Moskva, Znanie, 1965. 74 p. (Biblioteka "Filosofskie problemy meditsiny," no. 2)
- AKOPOV, I. Z., V. N. PROZOROVSKAYA, and V. M. IADKOVA. [Industrial hygiene for those working with poisonous chemicals] *Gigiena truda rabotayushchikh s iadokhimikatami*. Moskva, Meditsina, 1966. 56 p. (Nauchno-populjarnaya meditsinskaya literatura) (DNLM)
- BANSHECHIKOV, V. M., V. S. GUS'KOV, and I. F. MIAGKOV. [Practical handbook on psychiatry for students of medical institutes] *Prakticheskoe rukovodstvo po psikiatrii dlia studentov meditsinskikh institutov*. Moskva, Pervyi mosk. med. in-t im. I. M. Sechenova, 1966. 194 p. (DNLM)
- BARTENEVA, L. V. [Technique of medicolegal examination of the cadavers of newborn infants; textbook for students of the 5th-6th years] *Tekhnika sudobnomeditsinskogo issledovaniya trupov novorozhdennykh; posobie dlia studentov V-VI kursov*. Moskva, Pervyi mosk. med. in-t im. I. M. Sechenova, 1966. 25 p.
- BEIER, V. A. [Science of blood] *Nauka o krvi*. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika. VIII Seriya. Biologiya i meditsina, no. 7)
- BELTSKAYA, E. I. A. [A. P. Dobroslavin and the development of experimental hygiene in Russia] *Dobroslavin i razvitie eksperimental'noi gigeny v Rossii*. [Leningrad] Meditsina, 1966. 183 p.
- BOGOVALENSKII, N. A. [Medicine of the first settlers of the Russian North, essays from the history of the sanitary life and folk medicine of the 11th-17th centuries] *Meditsina u pervoselov russkogo Severa; ocherki iz istorii sanitarnogo bytia i narodnogo vnaehovaniia XI-XVII vv.* [Leningrad] Meditsina, 1966. 158 p.
- CHAZOV, E. I. [Thromboses and embolisms in the clinical aspects of internal diseases] *Trombozy i embolii v klinike vnutrennikh boleznei*. Moskva, Meditsina, 1966. 262 p. (DNLM)
- [DICTIONARY OF STOMATOLOGICAL TERMS] *Stomatologiya terminleri lugeti*. Baky, Azerneshr, 1965. 182 p. [In Russian and Azerbaijani]
- DOMRACHEV, V. M. [Dysentery] *Dizenteriya*. Kiev, Zdrov'ia, 1966. 241 p. (Biblioteka prakticheskogo vracha) (DNLM)
- ESINOVSKAYA, G. N. [Concise textbook on neurooncogenology] *Kratkoe posobie po neiroontogologii*. [Leningrad] Meditsina, 1965. 238 p. (DNLM)
- GAL'PERIN, E. A., and R. R. RYSKIND. [Erysipelas] *Rozlia*. Moskva, Meditsina, 1966. 266 p. (DNLM)
- GOLDGAMMER, K. K. [Acute abdomen in thromboses and embolisms of the mesenteric vessels] *Ostryi zhivot pri trombozakh i emboliakh bryzhnochnykh sosudov*. Moskva, Meditsina, 1966. 182 p. (DNLM)
- GORKIY, G. R. [GORKOVSKII MEDITSINSKII INSTITUT. Some mechanisms of visceral disorders in thyrotoxicosis, material for discussions at the 8th scientific conference of the Gorky Medical Institute on problems of neuroendocrine pathology] *Nekotorye mekhanizmy viskeral'nykh razrushenii pri tiroidozakh, material k obshchidaniyu na VIII nauchnoi konferentsii Gorkovskogo meditsinskogo instituta po voprosam neiroendokrinnoi patologii*. Gorkii, 1955. 45 p. (DNLM)
- GUBERGRITS, A. I., L. A. LESHCHINSKII, and I. A. S. TSIMMERMAN. [Prevention of gastrointestinal diseases] *Predupezhdeniye zheludochno-kishechnykh zabolevaniy*. Izd. 2. Moskva, Meditsina, 1966. 63 p. (Nauchno-populjarnaya meditsinskaya literatura) (DNLM)
- IANUSHEVSKII, I. K. [Don't smoke! Ne kumi! Izd. 2. Moskva, Meditsina, 1966. 28 p. (Biblioteka shkol'nika) (DNLM)
- KACHKOVSKII, V. M., S. P. KOMADOVSKII, and G. M. MEERSON. [Disinfection chambers] *Dezinfektsionnye kamery*. Pod red. A. B. Pavlova. Kiev, Zdrov'ia, 1966. 243 p. diagr. (insert) (DNLM)
- KARANOV, S. K. [Toxoplasmosis, a clinical and epidemiological study] *Toxoplasmoz; kliniko-epidemiologicheskii etud*. Ashkhabad, "Turkmeniistan," 1965. 128 p. (DNLM)
- KERBIKOV, O. V. [Problem of causality in medicine. Social problems in medicine] *by A. M. Izutkin*. Causality of the philosophical principles of some theories and trends of medicine in capitalist countries (by I. P. Lisitsin) *Problema prichinnosti v meditsine. Sotsial'nye problemy meditsiny* (by A. M. Izutkin. Kritika filosofskikh osnov nekotorykh teorii i napravlenii meditsiny kapitalisticheskikh stran (by I. P. Lisitsin). Moskva, Znanie, 1965. 62 p. (Biblioteka "Filosofskie problemy meditsiny," no. 5)
- KHAMIDULLINA, A. KH. [Nervous activity of the nursing infant under normal conditions and in acute toxicosis] *Nervnaya deiatel'nost' grudnogo rebenka v norme i pri ostrykh toksikozakh*. Moskva, Meditsina, 1966. 235 p. (Biblioteka prakticheskogo vracha) (DNLM)
- KOROSTELEVA, T. A. [Changes in the tissue antigens during the process of experimental carcinogenesis] *O izmeneniiakh tkankovykh antigenov v protsesse eksperimental'nogo karsinogoneza*. [Leningrad] Meditsina, 1966. 247 p. (DNLM)
- KUTATELADZE, I. G. [Pharmacological terminology: Russian-Latin-Georgian; materials] *Farmakologicheskaia terminologiya: Russko-latinsko-gruzinskaya materialy*. 2. dop. izd. Tbilisi, Metsniereba, 1965. 246 p.
- LIBOV, A. L. [Errors and hazards in the treatment of infectious diseases in children] *Oshibki i opasnosti pri lechenii infektsionnykh boleznei u detei*. [Leningrad] Meditsina, 1966. 154 p. (Biblioteka prakticheskogo vracha) (DNLM)
- MAKISUMOV, M. N. [Use of choleraolytic substances in gastroenterology] *Primeneniye kholeroliticheskikh veshchestv v gastroenterologii*. Pod red. E. I. Atakhanova. Tashkent, Izd-vo Meditsina Uzbekskoi SSR, 1965. 87 p. (DNLM)
- MAMTSEVA, V. N., and I. A. IURKOVA. [Prevention of neovascularization in children] *Preduprezhdeniye detskoi nervnosti*. Moskva, Meditsina, 1965. 27 p. (Nauchno-populjarnaya meditsinskaya literatura) (DNLM)
- MANEVICH, A. Z., and R. A. AL'TSHULER. [Fluorothane (fluothane) anesthesia] *Fluorotannyy (fluotannyy) anesteziy*. Moskva, Meditsina, 1966. 218 p. (DNLM)
- [MEDICAL INSTRUMENTS, APPARATUS, AND EQUIPMENT: a catalog] *Meditsinskie instrumenty, pribory, apparaty i oborudovaniye, katalog*. Moskva, Vsesob'edinenie "Sotuzhimeksport," [Parallel texts in Russian, English, and French]
- Book 1. [Sections 01, Anatomy. 02, Laboratory and drug store equipment. 03, Diagnosis] *Razdel 01, Anatomiya. 02, Laboratornoe i apshechnoe oborudovaniye. 03, Diagnostika* [n.d.] 495 p.
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- MIRAGATOV, M. U., and A. M. GOLOSOVSKER. [Trichomoniasis of the genitourinary organs in males] *Trikhomoniaz mocheopolovnykh organov u muzhchin*. Tashkent, Meditsina UzSSR, 1965. 54 p. (DNLM)
- [NATURE OF THE MOSCOW REGION IN THE SERVICE OF HEALTH: a reference book on health resorts] *Podnoskovnaya priroda na sluzhbu zdorov'ia, spravochnik o zdoravitsakh*. [Moskva] Mosk. rabochii, 1965. 173 p.
- OLEINIK, S. F. [Diagnostic significance of cardiac murmurs, a textbook for doctors and students] *Diagnosticheskoe znachenie serdetsnykh shumov, posobie dlia vrachei i studentov*. Pod red. M. A. Iasninskogo. Kiev, Zdrov'ia, 1966. 221 p. (DNLM)
- PAVLOVSKII, E. N., and K. N. TOKAREVICH. [Birds and infectious pathology in man] *Ptitsy i infektsionnaya patologiya cheloveka*. Leningrad, Meditsina, 1966. 225 p. (DNLM)
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- REMBEZ, I. N. [Operative gynecology] Operativnaya ginekologiya. Kiev, Zdorov'ia, 1966. 287 p. (DNLN)
- RIGA. REPUBLIKANISKA ZINATNISKA MEDICINAS BIBLIOTEKA [Scientific medical literature of the Latvian S.S.R., bibliographical index, 1940-1964] Nauchnaya meditsinskaya literatura Latviskoi SSR, bibliograficheskiy ukazatel' (1940-1964). Sost. A. A. Remizova i T. T. Dmitrieva. Riga, Zvaigzne, 1965. 477 p. [In Latvian and Russian]
- ROMM, S. Z. [Occupational hearing disorders] Professional'naya tugougkost'. [Leningrad] Meditsina, 1966. 154 p. (DNLN)
- SARADZHISHVILI, P. M., and R. V. GURGENDZE. [Elements of topographical anatomy of the peripheral neuron of the optic tract in the clinical practice of the ophthalmoneurologist] Elementy topograficheskoi anatomii perifericheskogo neyrona zritel'nogo puti v klinicheskoi praktike oftalmonevrologa. Tbilisi, Metsniskela, 1965. 59 p. illus.
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- TARASOV, K. E. [Some problems of the methodology of diagnosis] Nekotorye voprosy metodologii diagnoza. Moskva, Znanie, 1965. 28 p. (Biblioteka "Filosofskie problemy meditsiny," no 4)
- TSAREGORODTSEV, G. I., and V. D. ZHIRNOV. [Dialectical materialism and medicine. Problem of the social and the biological in medicine] by G. I. Tsaregorodtsev. Dialekticheskiy materializm i meditsina. Problem sotsial'nogo i biologicheskogo v meditsine [by] G. I. Tsaregorodtsev. Moskva, Znanie, 1965. 62 p. (Biblioteka "Filosofskie problemy meditsiny," no 1)
- ULANOVSK'YI, I. N. [Acute paraproctitis and fistulae of the rectum] Hoztri paraproktity i fistuly prjamoi kishki. Kyiv, Zdorov'ia, 1966. 104 p. (DNLN)
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- VOLYNSKI, Z. M., and V. S. SOLOV'YEV. [Hypertension in young persons, initial phases] Gipertonicheskaya bolezn' u molodykh liudei, nachal'nye fazy. [Leningrad] Meditsina, 1965. 250 p. (DNLN)
- VOSKRESENSKI, N. V. [Thrombophlebitis and its prevention] Tromboflebit i ego profilaktika. Moskva, Znanie, 1966. 15 p. (Narodnyi universitet. Fakul'tet zdorov'ia, no. 8)
- VSESOIYUZNIY S'EZD FTIZIATROV. 7th, Moscow, 1964 [Transactions of the 7th All-Union Congress of Phthisiologists] Trudy OIV, red. F. V. Shebanov. Moskva, Meditsina, 1965. 663 p. (DNLN)
- ZAKUSOV, V. V. [Pharmacology] Farmakologiya. Izd. 2., ispr. i dop. Moskva, Meditsina, 1966. 448 p. (DNLN)
- ZENEVICH, G. V. [Problems of outpatient service for patients with mental and nervous diseases] Voprosy dispanserizatsii psikhicheskoi i neirovrobn'ykh. [Leningrad] Meditsina, 1966. 223 p. (Biblioteka vniashchego organizatsii) (DNLN)
15. AGRICULTURE
- AFANAS'EV, G. V. [Agronomic characteristics of soils in the Northern Dvina Delta] Agronomicheskiye kharakteristiki pochvy del'ty Severnoi Dviny. [Arkhangelsk] Arkhangel'skoe knizhnoe izd-vo, 1963. 133 p. [MICROFILM]
- AKADEMIYA NAUK SSSR. Laboratoriya lesovedeniya. [Effect of excessive soil moisture on the productivity of forests] Vliyaniye izbytochnogo vlazhneniya pochvy na produktivnost' lesov. Moskva, Nauka, 1966. 153 p.
- AKADEMIYA NAUK SSSR. Sibirskoe otdeleniye. Institut lesa i drevesiny. [Forests of the U.S.S.R. in five volumes] Lesa SSSR v plati tomakh. Moskva, Nauka. Vol. 1. [Forests in the northern and central talgas of the European part of the U.S.S.R.] Lesa severnoi i srednei del'ty Evropeiskoi chasti SSSR. 1966. 456 p. (DNLN)
- AKADEMIYA NAUK UZBEKSKOI SSR, Tashkent. Institut eksperimental'noi biologii rastenii. [Biochemical bases of the earliness of cotton] Biokhimicheskie osnovy skorospelosti khlopkobitnika. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 144 p. (DNLN)
- BARANKOV, M. A. [Listeriosis in animals] Listerioz zhivotnykh. Minsk, [Urozhai] 1965. 104 p. (DNLN)
- BURLAKOV, N. M. [Intensification of animal husbandry] Intensifikatsiya skotovodstva. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauka, tekhnika. V Serii: Sel'skoe khoz'iatstvo, no. 6)
- CHAGIREV, B. CH. [Potato growing in Kazakhstan] Kul'tura kartofela v Kazakhstano. Alma-Ata, Kabayr, 1964. 134 p. (CU)
- CHUDNOVSKI, A. F., and B. M. SHILMOVICH. [Transistors, radioelectronics, and cybernetics in agrometeorology] Poluprovodniki, radioelektronika i kibernetika v agrometeorologii. Leningrad, Gidrometeoizdat, 1966. 461 p. (DNLN)
- DAVITASHVILI, M. D. [Our Georgian tea. Chai nash gruzinski]. Tbilisi, Izd-vo TsK KP Gruzii, 1966. 154 p. [In Georgian]
- FEDOSEEV, A. P. [Climate and the pasture grasses of Kazakhstan; agroclimatic characteristics and agrometeorological forecasts] Klimat i pastbishchnye travy Kazakhstana; agroklimaticheskiye kharakteristika i agrometeorologicheskiye prognozy. Leningrad, Gidrometeorologicheskoe izd-vo, 1964. 316 p. maps (part fold.) (Wau)
- GAMPER, G. S. [Roofs, vauce] Kryshi; skhly. [Leningrad] Lenizdat, 1965. 56 p. (NIC)
- GANN, L. A., and A. P. GOL'TSIKER. [Automatic control on fishing boats] Avtomatika na rybnyykh sudakh. Moskva, Pishchevaya promyshlennost', 1965. 191 p.
- [GLORIFIED BY THEIR WORK; heroes of the war, of the beet fields] Pratselny zvezdy hem, hem bukalan'nyy. Kiev, Urozhai, 1966. 380 p.
- GOLOVKO, A. I. [House fungi as destroyers of wood and meadows for their control] Domovyye griby - razvishchivayemye i nemy byat'byadny. [Moskva] Nauka i tekhnika [1966] 30 p. (DNLN)
- GOLUBEVA, Z. S., E. Z. KOROBANOV, and Z. P. ORLOVA. [Hygiene engineering and mechanization in fish culture] Rybnokhoziaistvennaya gidrotekhnika i mekhanizatsiya. Izd. 2, pereizd. dop. Moskva, Pishchevaya promyshlennost', 1965. 329 p.
- IZIEVSK. SEL'SKOKHOZIAISTVENNIY INSTITUTE. [Materials of scientific conferences] Materialy nauchnykh konferentsii. Izhevsk, Udmurtskoe knizhnoe izd-vo. No. 12. [Department of Mechanization] Mekhanizatsiya melkhoz'iaistva. 1963. 50 p.
- KOLOBOV, O. M. [Contribution to the intensification of fish culture] K vneseniyu v intenzivnyy sistemnyy razvichivaniye. Kyiv, Tovarysstvo dlya poshyeniya polit. i vykh. znan' Ukrains'koi RSR, 1963. 44 p. (CaOTU)
- KOVAL'SKI, M. V., I. F. MIRONOV, and K. D. STAT'SENKO. [Sugar beet in irrigated fields] Sakharnaya svekla na ozashchennykh zemlyakh. Moskva, Rossot'khoz'dat, 1965. 70 p. (DNLN)
- LEONT'EV, V. M. [Lentil] Cherkashina. Izd. 1, 1-1-1. Leningrad, Kotoa, 1966. 177 p. (DNLN)
- MOSCOW. POCHVENNIY INSTITUT IMENI V. V. DUKH CHAEVA. [Nitrogen balance in turf-Podzols soils] Balans azota v durnovo-podzolskikh pochvakh. Moskva, Nauka, 1966. 221 p.
- MOSKALOV, N. A. [Following the right course] Po pravo druzhno, din chasov lentno de kultivatsiya i razvichivaniye plantatsionnoye. Kishinev, Editura de pres. i a Komitetul Chentrat al PK al Moldovei, 1963. 20 p. [In Moldavian] (DNLN)
- NESTEROV, V. G. [Cybernetics and agriculture, expanded verbal report of a lecture read in the Central Auditorium of the All-Union Society "Znanie"] Kibernetika i sel'skoe khoz'iatstvo; resheniya stenogrammaticheskikh i proklamatsionnykh v Serii: Lektsii Vsesoyuznogo obshchestva "Znanie" Moskva, Znanie, 1966. 61 p. (Novoe v zhizni, nauka, tekhnika. V Serii: Sel'skoe khoz'iatstvo, no. 6)
- NIKONOV, G. I. [Pike of the Ob'-Irtysh basin and its commercial significance] Shchuka Ob-Irtyshskoi basseina i ee promyslovoye znacheniye. [Tiumen'] Sredne-Ural'skoe knizhnoe izd-vo, 1967. 20 p. [MICROFILM]
- REDEL'SKI, S. I., and I. V. STERKIN. [Industry of the fields] Industriya polov. Moskva, Kotoa, 1965. 237 p. (DNLN)
- REVUT, I. D. [How to till the soil correctly] Kak pravil'no obrabatyvat' pochvu. Moskva, Znanie, 1966. 30 p. (Novoe v zhizni, nauka, tekhnika. V Serii: Sel'skoe khoz'iatstvo, no. 7)
- RUSSIA (1923- U.S.S.R.) Ministerstvo rybnokhoziaistva. Biologicheskaya komissiya. [Commercial utilization of herbivorous fishes] Rybnokhoziaistvennoye osvoeniye rastitel'noyidnykh ryb. Moskva, Nauka, 1966. 134 p.

SABASHVILI, M.N. [Soils in the Georgian S S R.] Pochvy Gruzinskoi SSR. Tbilisi, Metsnereba, 1965. 549 p. [In Georgian]

SHAMSHURIN, A.A., and M.Z. KHIMER. [Manual on the physicochemical properties of organic poisonous chemicals and growth regulators] Fiziko-khimicheskie svoystva organicheskikh tsodokhmatkov i regulirov rosta, spravochnik. Moskva, Nauka, 1966. 171 p.

SUDNITSYN, I.I. [New methods for evaluating the hydrophysical properties of soils and the optimal moisture of forests] Noveye metody otsenki vodno-fizicheskikh svoystv pochvy i vlazhnosti pechenosti lesa. Moskva, Nauka, 1966. 92 p.

VEREN, E.L., and S.I. MEDVEDIK. [Hoisting, conveying and fishing machinery and mechanisms] Pod'emno-transportnye i rybnopromyslovye mashiny i mekhanizmy. Moskva, Pishchevaya promyshlennost', 1965. 391 p.

16. TECHNOLOGY

ABBASOV, A.A. [Hydrodynamic and experimental investigations of problems relative to the use of the thermal method] Gidrodinamicheskie i eksperimentalnye issledovaniya voprosov, svyazannykh s primeneniem termicheskogo metoda vozdeystviya. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 64 p.

AFADZHANI, E.K., G.M. SVERDLOV, and R.I. IAGUDIN. [Automation of petroleum production installations, practices in foreign countries] Avtomatizatsiya ob'ektov nefteproduktov; zarubezhnyi opyt. Moskva, Nedra, 1966. 123 p.

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut geologii. [Upper Pliocene structures of the depression zones of Azerbaijan and prospects for finding oil and gas in them (Apscheron stage)] Veikhnepliotsenovyie struktury dopi osatunnykh zon Azerbaidzhana i perspektivy ikh neftegazonosnosti (apscheronskii intus) [By] M.G. Agabekov i dr. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 191 p.

AKADEMIYA NAUK GRUZINSKOI SSR, Tbilisi. Institut elektromekhaniki i telemekhaniki. [Automatic control systems] Skhemy avtomaticheskogo upravleniya. Tbilisi, Metsnereba, 1965. 114 p.

AKADEMIYA NAUK SSSR, Sibirskoe otdeleniye, Institut lesa i drevessiny. [Properties of wood, its preservation, and the new wood materials] Svoystva drevessiny, ee zashchita i novye drevessynnye materialy. Moskva, Nauka, 1966. 126 p.

AKADEMIYA NAUK USSR, Minsk. Institut tekhnicheskoi kibernetiki. [Computer engineering] Vychislitel'naya tekhnika. Pod red. A.M. Oranskogo. Minsk, Nauka i tekhnika, 1965. 318 p.

ALEKSEEV, A.P. [Methodological manual on the selection of efficient units of hoisting and conveying machinery for assembling fully prefabricated buildings, for students and graduate correspondence students specializing in fully prefabricated construction] Uchebno-metodicheskoe posobie po vyboru ratsional'nykh komplektov pod'emno-transportnykh mashin dlia montazha polnosobornnykh zdaniy dlia studentov i diplomantov-zachetnikov spetsial'nosti PGS. Moskva, Vsesa, zaachnyi in-t inzhenerov zhei-dor. transporta, 1965. 122 p.

ALIEV, V.I. [Hydrothermal walk rock metasomatism in the Chiragidzor-Toganniy ore field] Okolo udnyo gidrotermal'no-metasomaticheskie izmeneniya v Chiragidzor-Togannil'skom rudnom pole. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 101 p.

ANTSUPOV, P.A. [Public bureau of technical information] Obshchestvennoe biuro tekhnicheskoi informatsii. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1963. 18 p. [MICROFILM]

APTERMAN, V.N., E.G. DVERIN, and V.M. TYMCHAK. [Bell furnaces] Kolpakovyie pechi. [Moskva] Metallurgiya, 1965. 235 p.

ARZUNIAN, A.S. [Building oil and gas storage reservoirs] Sooruzheniye neftegazokhranilishtch. Moskva, Nedra, 1966. 367 p.

ASHUMOV, G.G., and others. [Card index of Azerbaijan petroleum; a reference handbook] Kartoteka azerbaidzhanskikh neftei; spavochnaya kniga. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 68 p.

[AUTOMATION AND REMOTE CONTROL OF PETROLEUM PRODUCT PIPELINES] Avtomatizatsiya i telemekhanika magistral'nykh nefteproduktovodov. Moskva, Nedra, 1966. 143 p.

BAIKOV, V.N., and others. [Reinforced-concrete three-dimensional elements and large panels] Zhelezobetonnye ploskoinstvennye konstruktivnye i konyuyie paneli. Moskva, Vysshaya shkola, 1966. 118 p.

BARZAN, A.B. [How to read relay protection and electric automatic control networks] Kak chitat' aktsionnyye relenoi zashchity i elektromatiki. Moskva, Energiya, 1966. 85 p. (Biblioteka elektronika, no. 166)

BEGUN, D.G., and others. [Oil and gas potentials and basic trends in prospecting for oil and gas in the Volga-Don region] Neftegazonosnost' i osnovnye napravleniya polskovo-razvedochnykh i rabot na nef' i gaz v Volgo-Donskom regione. Pod red. V.G. Vasil'eva. Moskva, Nedra, 1966. 229 p.

BELOUSOVA, E.A. [Technology of metals, synopsis of lectures] Tekhnologiya metalliv, konspekt lektsii. Moskva, Univ. družby narodov. No. 1. [Section on "Metal cutting."] Razdel "Obработка металлов резанием." 1963. 63 p. [MICROFILM]

BELOVIDOV, B.S., and others. [Automatic and remote control in mining, collection of examples and problems] Rudnichnaya avtomatika i telemekhanika, sbornik primerov i zadach. Moskva, Nedra, 1966. 196 p.

BERSENEV, A.P., and others. [Laminated materials of wood particles bonded with synthetic resins] Plynye materialy iz dvosnykh chastits na sinteticheskikh smolakh. Moskva, Stoitizdat, 1966. 80 p.

BESEKERSKII, V.A., and E.P. POPOV. [Theory of automatic control systems] Teoriya sistem avtomaticheskogo regulirovaniya. Moskva, Nauka, 1966. 592 p.

BETIN, B.M. [Radio transmitters, theory and design] Radiopriemnyye ustroystva, teoriya i raschet. Izd. 3., ispr. i dop. Moskva, Vysshaya shkola, 1965. 337 p.

BOGOMOLOV, A.I., B.S. TIKHONOV, and S.E. KUTNIK. [Change of domestic heating and water-heating appliances to gas fuel] Pererod bytovykh otopitel'nykh i vodogreivnykh priborov na gazovoe toplivo. Moskva, Stoitizdat, 1966. 202 p.

BOL'SHOV, V.M., and V.I. GUKIN. [Book for the beginning radio amateur] Kniga nachinalushchego radiohlibitella. Moskva, DOSAAF, 1964. 239 p.

[BREAD AND BAKED PRODUCTS] Khib i khlebnye izdeliya. Izd. ofitsial'noe. Moskva, Izd-vo standartov, 1966. 237 p. (SSSR. Gosudarstvennye standarty)

BUROV, V.A. [Methodology of studying semiconductor in schools] Metodika izucheniya poluprovodnikov v shkole. Moskva, Prosveshchente, 1965. 156 p.

BUTUSOV, V.P. [Economics and aesthetics in technology; from practice in the improvement of the art of production and introduction of industrial aesthetics] Ekonomika i estetika v tekhnike; iz opyta povysheniya kul'tury proizvodstva i vnedreniya tekhnicheskoi estetiki. Moskva, Znaniye, 1966. 77 p. (Narodnyi universitet; Tekhniko-ekonomicheski fakul'tet, no. 4)

CHASOVA, V.V. [Mechanical drawing in school; a handbook for teachers] Tekhnicheskoe chislenie v shkole, posobie dlia uchitelei. Pod red. N.S. Bril'linga. Moskva, Prosveshchente, 1965. 229 p.

CHEREPNEV, A.I. [Automation today and tomorrow, engineering, social and economic problems of automation] Avtomatizatsiya segodnya i zavtra; tekhnicheskoe i sotsial'no-ekonomicheskoe problemy avtomatizatsii. Moskva, Znaniye, 1965. 46 p. (Biblioteka "Filosofskie problemy tekhniki," no. 3)

CHURAKAEV, A.M. [Natural gasoline plants] Gazotobenzinnyye ustroystva. Izd. 2., dop. Moskva, Khimiya, 1966. 167 p. (Biblioteka molodogo rabochego)

CHURILEN, N.E. [Manufacture of technical rubber goods] Proizvodstvo rezinovykh tekhnicheskikh izdelii. Moskva, Vysshaya shkola, 1965. 86 p.

DALMATOV, B.I., and V.S. LASTOCHKIN. [A technical illustration of soil in construction] Issuesvennoe zaselenie gruntov v stroitel'stve. Leningrad, Stoitizdat, 1966. 132 p.

DAVYDOV, N.I. [Production of argon and krypton in metallurgical plants] Proizvodstvo argona i kriptona na metallurgicheskikh zavodakh. Moskva, Metallurgiya, 1966. 169 p.

DERKACH, V.G. [Special methods of mineral dressing] Spetsial'nye metody obogashcheniya poleznykh iskopayemykh. Moskva, Nedra, 1966. 337 p.

DESHKO, I.I., M.B. KREMER, and T.A. OGARKOVA. [Adjustments and heat engineering tests of oil plants at cement plants] Naladka i teplotekhnicheskie ispytaniya vshchastitschikhsia pecheli na tsementnykh zavodakh. Izd. 2., ispr. i dop. Moskva, Stoitizdat, 1966. 246 p.

DIDOV, D.V. [Geometrical characteristics of sections, a methods manual on the subject "Strength of materials" for third-year students specializing in all subjects] Geometricheskoe kharakteristiki sesheniya, uchebno-metodicheskoe posobie po disipline "Soprotivlenie materialov" dlia studentov III kursa vseh spetsial'nostei. Moskva, Vses zaachnyi in-t inzhenerov zhei-dor transporta, 1965. 62 p.

DIMENTOVA, A.A., F.S. REKSTIN, and V.A. RIABOV. [Tables of gas-dynamical functions (K=1.05-1.70), a reference book] Tablitsy gazodinamicheskikh funktsii (K=1.05-1.70), spavochnoe posobie. Moskva, Mashinostroenie, 1966. 135 p.

DMITRIUK, G.N., and I.B. PIASIK. [Reliability of mechanical systems] Naдежность mekhanicheskikh sistem. Moskva, Mashinostroenie, 1966. 182 p.

DUBINSKII, I.M. [Power supply units of television receivers] Bloki pitaniya televizionnykh priemnikov. Izd. 2., stereolipnoe. Moskva, Svyaz', 1966. 79 p. (Biblioteka "Televizionnyi priem," no. 28)

DZHAFAROVA, E.A. [Paths of the industrialization of rural construction in Azerbaijan] Azerbaidzhandskii tikhtil'nyi senajeshchitvnyie jolary. Baky, Azernezhir, 1966. 66 p. [In Azerbaijani]

EFIMOV, A.P. [Recording of sound and images] Zapisi zvuka i izobrazheniya. Moskva, Svyaz', 1966. 111 p.

EGOROV, A.P. [Surveying in geophysical prospecting] Geodezicheskoe raboty pri geofizicheskikh razvedkakh. Moskva, Nedra, 1966. 191 p.

EIDEL'MAN, I.G. [Practices in the efficient installation of ventilation exhaust systems, forge, electroplating, and grinding shops] Opyt ratsional'nogo montazha vylizhnykh sistem ventilatsii; kuznechnye, gal'vanicheskoe i shlitovaniye tsekl. Tbilisi, Subchota Sakartvelo, 1966. 81 p.

[ELECTROMAGNETIC METHODS OF PROSPECTING IN EXPLORATORY GEOPHYSICS] Elektronnymyie metody razvedki v rudnoi geofizike. [By] B.S. Svelov i dr. Moskva, Nedra, 1966. 397 p.

ENAL'EV, V.D., and B.G. ZADONTSEV. [Polystyrene plastics] Polistirolynye plastiki. Kiev, Tekhnika, 1966. 164 p.

ENGEL'-KRON, I.V. [Repairman of the equipment of turbine and chemical shops of electric power plants] Stesar' po remontu oborudovaniya turbinykh i khimicheskikh zakhchitel'nykh otelkha. 2. izd., ispr. i dop. Moskva, Vysshaya shkola, 1966. 204 p.

FEDOSEEV, A.D., L.F. GRIGOR'YEV, and T.A. MAKAROVA. [Fibrous silicates, natural and synthetic asbestos] Volokniste silikaty; prirodnye i sinteticheskie asbesty. Moskva, Nauka, 1966. 163 p.

FEL'DBAUM, A.A. [Fundamentals of the theory of optimal automatic control systems] Osnovy teorii optimal'nykh sistem. Izd. 2., ispr. i dop. Moskva, Nauka, 1966. 623 p.

FELIX, VACLAV. [Chemical technology of textile materials, final process of finishing. Translated from the Czech] Khimicheskaya tekhnologiya tekstil'nykh materialov, zakluchitel'nyie otelkha. Pod red. G.G. Petrichka i S.D. Iurkovi. Moskva, Legkaya industriya, 1965. 485 p.

- FRANKEL, I. M. [Principles of the technology of heavy concrete] Osnovy tekhnologii tiazhlogo betona. Moskva, Stroizdat, 1966. 117 p.
- FRED, M. L. [Production of styrene and propylene in a polymer synthesis unit] Prirodnoye stivleniye i propilen na trukhatoy pirrol'noy sostavke. Minsk, Khimint, 1966. 127 p. (Biblioteka metodologicheskoy)
- FROLOV, A. G. [Principles of the transportation of loose materials in pipes without a carrying agent] Osnovy transporta syuchnykh materialov po trubam bez nosushchey srady. Moskva, Nauka, 1966. 117 p.
- GAL'PERIN, M. M. [Mechanization of intraplant transportation in weaving enterprises, the cotton industry] Mekhanizatsiya nutritfabrichnogo transporta na tekstil'nykh predpriyatiyakh, khlopkotobumazhnaya promyshlennost'. Moskva, Legkaya Industriya, 1966. 223 p.
- GEGESHIDZE, G. A. [Automation of some technological processes in the manufacture of electrical machines] Avtomatizatsiya nekotorykh tekhnologicheskikh protsessov proizvodstva elektromashin. Tbilisi, Goss. izd-vo "Tsedna" M-va kultura i Gruziyskoi SSR, 1963. 130 p. [MICROFILM]
- GEGESHIDZE, SH. M. [Work of machine tool makers. Trudovye dela stankostroitel'ov]. Tbilisi, Sakhchola Sakartvelo 1966. 64 p. [In Georgian]
- GEODAKOV, A. I. [Retouching of photographs] Retush' fotosnimkov. Moskva, Kniga, 1965. 127 p. illus.
- GERTSELD, K. M., ed. [English-Russian dictionary on pure and applied chemistry] Anglo-russkii khimiko-tekhnologicheskii slovar'. Izd. 3, stereoipnoe. Moskva, Glav. red. inostr. nauchno-tekhn. slovarov Fizmatgiz, 1960. 706 p.
- GLADUSHKO, V. I. [Production of sulfuric acid] Proizvodstvo sernoi kisloty. Kiev, Tekhnika, 1966. 231 p.
- GLEBOV, V. S., and G. S. TALEEV. [Irrigation on land farms and in main pipeline enterprises] Pervaya bezopasnost' neftebaz i ob'ektov magistral'nykh iruloprodukov. Moskva, Nedra, 1965. 170 p.
- GLUSHKOV, V. M. [Thinking and cybernetics] Myshlenie i kibernetika. Moskva, Znaniye, 1966. 31 p. (Biblioteka "Filosofskie problemy tekhniki," no. 5. V pomoshch' zantmaticheskima v sisteme parit'noy ucheby)
- GOLOVINA, A. D. [Exposure measurement in motion-picture photography] Ekspozitsionnaya kinofotometriya. Moskva, Iskusstvo, 1966. 83 p. (Biblioteka kinofotometriya)
- GOLUBEV, G. A., and G. M. KUKIN. [Seals for rotating shafts] Upleneniya vrashchayushchikhsya valov. Moskva, Nauka, 1966. 98 p.
- GOSTEV, V. I. [Statistical control of production quality] Statisticheski kontrol' kachestva produktov. Moskva, Mashinostroyeniye, 1965. 203 p.
- GRATSIANSKI, M. N. [Engineering hydrology and hydrometry] Inzhenernaya gidrologiya i gidrometriya. Moskva, Vysshaya shkola, 1966. 214 p.
- GRITSKEVICH, A. G., E. I. MARTINOVSKI, and M. D. SHRAER. [Mechanization of the lower landings of logging roads, from the work practices of advanced logging camps in White Russia] Mekhanizatsiya nizhnikh skladov lesosoznykh dorog; iz opyta raboty perezodnykh lesopromkhozov Belorussii. Minsk, Belarus', 1964. 43 p.
- GUBAREV, V. S. [Land of the Lilliputians; sketches on electronics] Strana liliputov; ocherki ob elektronike. Moskva, Sovetskaya Rossiya, 1965. 197 p.
- ILAMANOV, S. A. [Waterproofing of dielectrics using organosilicon compounds] Gidrofobizatsiya dielektrikov kremniorganicheskimi soedineniyami. Moskva, Energiya, 1965. 103 p. (Polimery v elektrotekhnicheskoy tekhnike, no. 11)
- ILARZHEMSKI, I. A. [Microscopy study of halogen rocks] Mikroskopicheskoe izuchenie galogennykh porod. Novosibirsk, Izd-vo "Nauka" Sibirskoe otd-nie, 1966. 61 p.
- ISHCHERITSYN, P. I. [Improving the operational properties of polished surfaces] Povysheniye ekspluatatsionnykh svoystv shlifovannykh poverkhnostey. Minsk, Nauka i tekhnika, 1966. 383 p.
- ITSENKO, V. F. [Strength and creep of laminated plastics, compression, stretching, bending] Prichnost' i polucheniye sloistnykh plastikov, szhatie, rastazheniye. Izgib. Kiev, Naukova dumka, 1966. 203 p.
- [INSTRUCTION CONCERNING THE CONSTRUCTION OF A STATE GEODESIC NETWORK IN THE U.S.S.R.] Institut dlya postroyeniya gosudarstvennoy geodezicheskoy seti SSSR. Izd. 2, 1-ye izd. Moskva, Nedra, 1966. 240 p.
- ISAEV, I. P., A. A. PEROVA, and G. P. BURCHAK. [Calculation of the structure of electric rolling stock using electronic computers] Raschet konstruktsii elektropodvighnogo sostava na vychislitel'nykh mashinakh. Moskva, Transport, 1966. 253 p.
- IUDICH, M. Z. [Transistor electronic circuits] Skhemy tranzistornoi elektroniki. Moskva, Energiya, 1966. 112 p.
- IVANOV, A. I., A. A. PANTELEENKO, and E. L. SAMO-LIOVER. [Construction and operation of T-51 and T-63 teleprinters] Stroitel'stvo i ekspluatatsiya telegrafnykh apparatov T-51 i T-63. Moskva, Svyaz', 1965. 210 p.
- IVENSKI, I. U., I. K. NOVIK, and A. A. FUREMS. [Installation of electrical equipment in machine tools and automatic lines] Montazh elektrooborudovaniya na slankakh i avtomaticheskikh linnyakh. Moskva, Energiya, 1966. 83 p. (Biblioteka elektromonera, no. 193)
- KAKABADZE, N. A., M. P. KORKASHVILI, and T. A. METONIDZE. [Expanded perlite and its use. Vspuchennyy perlit i ego primeneniye. Tbilisi, Sakhchola Sakartvelo 1966. 142 p. [In Georgian]
- KALITIN, I. U., and L. V. KUDRIAVTSEVA. [Thermal treatment of heavily loaded gear wheels] Termicheskaya obrabotka tiazhetonazhnykh zuchatnykh koles. Moskva, Mashinostroyeniye, 1966. 94 p.
- KALLIN, G. V. A. [Ventilation in glass factories] Ventilyatsiya na stekol'nykh zavodakh. Moskva, Legkaya Industriya, 1966. 118 p.
- KAMERSHTEIN, A. G. [Operating conditions of steel pipelines and their carrying capacity potential] Ustoychivost' stal'nykh truboprovodov i rezervnykh resursov sposobnostey. Moskva, Stroiizdat, 1966. 241 p.
- KANDAUROV, I. I. [Mechanics of granular media and their use in construction] Mekhanika zernistykh sred i ee primeneniye v stroitel'stve. Leningrad, Stroizdat, 1966. 318 p.
- KATS, V. M., and V. Z. NAKHODKINA. [Thermophilic micro-organisms in sugar refining products] Termofilye mikroorganizmy v produktakh rafinadnogo proizvodstva. Moskva, Tsentr. in- nauchno-tekhn. informatsii plishchevoy promyshli., 1965. 23 p. [MICROFILM]
- KATSNELSON, O. G., and A. S. EDEL'SHTEIN. [Magnetic suspension in the instrument industry] Magnitnaya podveska [v priborostroyeni]. Moskva, Energiya, 1966. 92 p. (Biblioteka po avtomatike, no. 107)
- KAUNAS, POLYTECHNICAL INSTITUTES. Vilnius. [Structural mechanics; reports at the 15th engineering conference] Stroitel'naya mekhanika; doklady XV nauchno-tekhnicheskoy konferentsii. Vilnius, Mintis, 1965. 111 p.
- KAZHDAN, A. B., ed. [Geology of uranium-molybdenum ore formation deposits] Geologiya mestorozhdeniy uran-molibdenovoi rudnoi formatsii. [By] B. P. Vlasov i dr. Moskva, Atomizdat, 1966. 181 p.
- KERIMOV, A. D. [Petrography and ore potentials of the Mekhman granitoid intrusion] Petrografia i rudnaya Mekhman granitoidnaya intruziya. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 124 p.
- KIRISHCHOV, M. M. [Laboratory wear tests of gear wheel materials] Laboratornye metody ispytaniya na iznashivaniye materialov zuchatnykh koles. Moskva, Mashinostroyeniye, 1966. 161 p.
- KIEV. NAUCHNO-ISSEDOVATELSKIY INSTITUT STROITEL'NOGO PROIZVODSTVA. [Technical maintenance manual for the E-1001 excavator] Atlas tekhnicheskogo obsluzhivaniya ekskavatora E-1001. Moskva, Stroizdat, 1966. 122 p.
- KIEV. NAUCHNO-ISSEDOVATELSKIY INSTITUT STROITEL'NOGO PROIZVODSTVA. [Technical maintenance manual for the K-161 crane] Atlas tekhnicheskogo obsluzhivaniya kрана K-161. Moskva, Stroizdat, 1966. 105 p.
- KIRZNER, O. B., A. E. LUKSHIN, and M. G. PENKIN. [Manual on the postharvest processing of grain] Spravochnik po posleurozhnuyu podrabotke zerna. Alma-Ata, Kazan, 1966. 242 p.
- KOL'CHENKO, N. V., and L. N. KOL'CHENKO. [Engineering equipment for rural settlements] Inzhenernoe oborudovaniye sel'skikh naselennykh mest. Moskva, Stroizdat, 1966. 343 p.
- KOLESIKOV, V. A. [Handbook on the technology of metals for professional technical schools] Pomoshch' po tekhnologii metallov dlya professional'no-tekhnicheskikh uchilishch. Frunze, Respubl. nauchno-metodicheskii kabinet, 1963. 93 p.
- KOL'MAN-IVANOV, E. E., and K. A. SALAZKIN. [Tableting machines] Tablichnyye mashiny. Moskva, Mashinostroyeniye, 1966. 223 p.
- KONUSOV, V. G. [Precalculation of the accuracy of traverses] Predvychislitel'naya tochnost' poligonometricheskikh khodov. Moskva, Nedra, 1966. 110 p.
- KORSÁKOV, S. P. [Creteaceous reservoir rocks of the Bukhara oil- and gas-bearing region] Porodnye kolektory i melovykh otlozheniy Bukharskogo neftegaznogo basena. [Leningrad] Nedra, 1965. 216 p.
- KOSENKO, I. S. [Suspension elements of roofs; practice in foreign countries] Vyslachiye konstruktivnykh krytykh; zarubezhnyi opyt. Moskva, Stroizdat, 1966. 85 p.
- KOVALEV, M. K. [Cutting and checking the thread of drilling pipes and joints] Narezaniye i kontrol' rez'by burt'nykh trub i zamkov. Izd. 2. Moskva, Nedra, 1965. 160 p.
- KOZIK, I. V. [Methods for limiting air dustiness in working areas] Metody isledovaniya zaplyamennosti vozdukh na rabochnykh pomeshcheniyakh. Moskva, Tsentr. in- usovershenstvovaniya vrachov, 1965. 57 p. [MICROFILM]
- KOZLOV, N. P., and I. M. KRASSOV. [Electromagnetic proportional control devices] Elektromagnitnyye proporsional'nyye upravlyushchiye elementy. Moskva, Energiya, 1966. 111 p. (Biblioteka po avtomatike, no. 104)
- KRASHENINNIKOV, N. A. [Plotting of the cyclograms for semiautomatic continuous lines for the production of a given type of assortment of footwear; a textbook] Postroyeniye tsiklogramm polnavtomaticheskikh potoknykh lini dlya vypiska zadannogo assortimenta obuvi; uchebnoye posobie. Moskva, Legkaya Industriya, 1965. 10 p. [MICROFILM]
- KRISTALL, Z. D. [Liquid separators in the beer and soft drinks industry] Zhidkostnye separatory v pivovarennoy i molochnoy promyshlennosti. Moskva, Tehnicheskoye stroitel'stvo, 1965. 23 p. [MICROFILM]
- KUDRIAVTSEV, M. N., and V. E. KAGANOVICH. [Surveying and design of highways] Izyskaniya i proektirovaniye avtomobil'nykh dorog. Izd. 5, pereizd. Moskva, Transport, 1966. 363 p.
- KURKO, V. I. [Gas chromatographic analysis of food products] Gazokhromatograficheskii analiz plishchevyykh produktov. Moskva, Plishchevaya promyshlennost', 1965. 235 p.
- KUZOVNIKOVA, E. A. [Boiler systems] Kotel'nyye ustanovki. Minsk, Vysshaya shkola. Pt. 2. 1964. 134 p.
- LABUTIN, G. V. [Alumina] Alunily. Moskva, Metallurgiya, 1965. 98 p.
- LADYGIN, B. I., ed. [Highway construction; a handbook for independent study] Stroitel'stvo avtomobil'nykh dorog; posobie dlya samostoyatel'nogo izucheniya kursa. Minsk, Vysshaya shkola, 1965. 117 p.

- LAPO, D. P. [Safety manual for driving tunnels by the under ground method] Pamiatka po tekhnike bezopasnosti pri p'okhodke tunel'ei podzemnyim sposobom. Moskva, Stroizdat, 1965. 23 p. (Tekhnika bezopasnosti i stroitel'stvo)
- LARIONOV, V. V. [Use of plastics in the fishing industry] Priimenenie plastmass v rybnoi promyshlennosti. Moskva, Pishchevaia promyshlennost', 1965. 290 p.
- LENINGRAD, VSESOUZNYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT GIDROTEKHNIKI. [Abstracts of research work on hydraulic engineering finished in 1963] Annalatel zakonchennykh v 1963 godu nauchno-issledovatel'skikh rabot po gidrotekhnike. Moskva, Energiia, 1965. 766 p.
- LENINGRADSKII NAUCHNO-ISSEDOVATEL'SKII I KONSTRUKTSIIISKII INSTITUT KHMICHESKOGO MASHINOSTROENIYA. [Centrifugal compressor machines] Tsentrobeznyye kompressorye mashiny, sbornik dokladov. Pod red. I. D. Golovina i F. S. Reketina. Moskva, Mashinostroyeniye, 1966. 106 p.
- LEPAEV, D. A. [Repair of vacuum cleaners and floor polishers] Remont пылесосов и полиров. [Leningrad] Legkaya Industriya, 1966. 155 p.
- LITHUANIAN S. S. R. Siatybos ministerija. [Safety engineering in the building industry] Saugumo technika; statybines pramonys. Sudas A. Gieba-vietus. Vilnius, Mintis, 1965. 220 p. [In Lithuanian]
- LOBANOV, V. N. [Safety measures in work in rural electrical systems] Tekhnika bezopasnosti pri rabote na sel'skikh elektrosistemovalakh. Izd. 2., ispr. i dop. Moskva, Vyssiaia shkola, 1966. 71 p.
- LOMOV, B. F. [Problems of engineering psychology, materials of the First Leningrad Conference on Engineering Psychology, June 1964] Problemy inzhenernoi psikhologii; materialy Pervoi Leningradskoi konferentsii po problemam inzhenernoi psikhologii, Iun' 1964 g. Leningrad, 1964. 173 p. (CS'T'mot)
- LOSEV, B. I., G. V. PUTINTSEV, and K. N. STREL'TSOV. [Processing and finishing of parts made from plastics] Obrabotka i otdelka detalей iz plastmass. [Leningrad] Stroizdat, 1966. 234 p.
- LUZHETSKII, D. G., G. P. MITJAEV, and K. M. SHIRAEVA. [Use of the P-105 pneumatic loom in cotton weaving] Pnevmaticheskii katankil stanok P-105 v khlopkokachestve. Moskva, Legkaya Industriya, 1966. 100 p.
- MARCHENKO, V. M. [Temperature fields and stresses in aircraft structures] Temperaturnye polya i napriazheniya v konstruktsii letatel'nykh apparatov. Moskva, Mashinostroyeniye, 1966. 268 p.
- MERKHOVICH, E. A. [Methods of relativistic electrodynamics in electrical engineering] Metody relativistskoi elektrodinamiki v elektrotekhnike. Moskva, Energiia, 1966. 109 p.
- MELNIKOVA, L. V. [Assistant engineer of an electric locomotive on a wide-gauge strip mine railroad] Pomoshchnik mashinista elektrovizovoi shirokoi kolei na kar'ierakh. Moskva, Nedra, 1965. 327 p.
- MEZHODUNARODNYI SIMPOZIUM PO STROITEL'NYM I DOROZHNYM MASHINAM, Moscow, 1964. [International Symposium on Construction and Road Equipment, Moscow 1964, materials] Mezhdunarodnyi simpozium po stroitel'nyim i dorozhnym mashinam, Moskva 1964; materialy. Pod obschet red. V. K. Rustotskogo. Moskva, Mashinostroyeniye, 1965. 278 p.
- MIGELADZE, SH. G. [Principles of the automation of technological processes. Osnovy avtomatizatsii tekhnologicheskikh protsessov. Tbilisi, Ganatleba] 1965. 260 p. [In Georgian]
- MILASHECHIKIN, A. A., V. A. GOKHMAN, and M. P. POLIAKOV. [Highway ice changes] Ubyi avtomobil'nykh dorog. Moskva, Transport, 1966. 300 p.
- MILLEN, E. E. [Establishing technical work norms in the machinery industry] Tekhnicheskoe normirovaniye truda v mashinostroyeni. Izd. 2., perer. Moskva, Mashinostroyeniye, 1966. 180 p.
- MILLER, V. S. [Contact heat exchange in high-temperature machine components] Kontaknyi teploobmen v elementakh vysokotemperaturnykh mashin. Kiev, Naukova dumka, 1966. 162 p.
- MIRIMANOV, I. G. [Some problems of the mobility of clay rocks] Nekotorye voprosy podvizhnosti glinistykh porod. Tbilisi, Ganatleba, 1966. 137 p.
- MIRONOV, K. V. [Prospecting and exploration of coal deposits] Poiski i razvedka ugol'nykh mestozlozhenii. Moskva, Nedra, 1966. 302 p.
- MOCHALOV, P. V., and I. F. DZHAFAROV. [New developments in the physical chemistry of gelatin manufacture] Novoe v fiziko-khimiicheskoi tekhnologii proizvodstva. Moskva, Tsentral'nyi nauchno-issledovatel'skii institut khimicheskoi promyshlennosti, 1965. 55 p. (MICROFILM)
- MOSCOW, GOSUDARSTVENNYI INSTITUT PO PROEKTIROVANIU LESNOGO TRANSPORTA. [Tables for calculating volumes of earth fills and excavations of logging truck roads at the width of the earth bed 5, 5.5, and 10 m] Tablitsy dlia podsrcheta ob'emov nasypel i vyemok avtomobil'nykh lesovoznykh dorog pri shirine zemliannogo podlozha 5, 5.5 i 10 m. Leningrad, 1965. 142 p.
- MOSCOW, INSTITUT AVTOMATIKI I TELEMEXANIKI. [Problems of the theory of sampled-data systems, achievements of science] Problemy teorii impul'snykh sistem upravleniya, itogi nauki. Moskva, Nauka, 1966. 173 p.
- MOSCOW, INSTITUT AVTOMATIKI I TELEMEXANIKI. [Self-teaching automatic systems] Samoobucheniye avtomaticheskikh sistem. Moskva, Nauka, 1966. 431 p.
- MOSCOW, INSTITUT GORUCHIKH ISKOPAEMYKH. [Theory and practice of dewatering coal fines] Teoriya i praktika obezvozhivaniya ugo'noi metochi, sbornik statei. Moskva, Nauka, 1966. 175 p.
- MOSCOW, NAUCHNO-ISSEDOVATEL'SKII INSTITUT BETONA I ZHELEZOBETONA. [Instruction for designing concrete and reinforced-concrete elements intended for use under conditions of increased and high temperatures (made of ordinary and heat-resistant concrete)] Instruksii po projektirovaniu betonnykh i zhelezobetonnykh konstruktsei, prednaznachennykh dlia raboty v usloviyakh vozdeystviya povysshennykh i vysokikh temperatur (iz obychnoi i zharkostoikey betonov). Moskva, Stroizdat, 1966. 160 p.
- MOSCOW, NAUCHNO-ISSEDOVATEL'SKII INSTITUT BETONA I ZHELEZOBETONA. [Technology of light weight concrete with porous fillers and its use in construction] Tekhnologiya legkikh betonov na poristykh zapolnitel'nykh i ikh primeneniye v stroitel'stve. Pod red. G. A. Buzhevicha i N. A. Kornova. Moskva, Stroizdat, 1966. 254 p.
- MOSCOW, NAUCHNO-ISSEDOVATEL'SKII INSTITUT ORGANIZATSII, MEKHANIZATSII I TEKHICHESKOI POMOSHCHI STROITEL'STVU. [Manual on the execution of formwork during the erection of monolithic and precast monolithic reinforced concrete elements in industrial construction and civil engineering] Rukovodstvo po proizvodstvu opalubochnykh rabot pri vozvedenii monolitnykh i sborno-monolitnykh zhelezobetonnykh konstruktsei v promyshlennom i grazhdanskom stroitel'stve. Moskva, Stroizdat, 1966. 187 p.
- MOSCOW, NAUCHNO-ISSEDOVATEL'SKII INSTITUT ORGANIZATSII, MEKHANIZATSII I TEKHICHESKOI POMOSHCHI STROITEL'STVU. [Standard programs for teaching workers safe methods of work and for testing the knowledge of engineering employees of safety techniques in construction] Tipovy programy po obucheniiu rabochikh bezopasnym metodam truda i proverke znanii inzhenerno-tekhnicheskikh rabotnikov po tekhnike bezopasnosti v stroitel'stve. Izd. 2., perer. Moskva, Stroizdat, 1965. 95 p.
- MOSCOW, NAUCHNO-ISSEDOVATEL'SKII INSTITUT OSNOVANI I PODZEMNYKH SOORUZHENII. [Method of determining the characteristics of the creep, lasting strength, and compressibility of frozen soil] Metodika opredeleniya kharakteristik polzuchosti, dlitel'noi prochnosti i szhimaniosti meryzykh gruntov. [By] S. S. Vinov i dr. Moskva, Nauka, 1966. 131 p.
- MOSCOW, TSENTRAL'NYI INSTITUT NAUCHNO-TEKHICHESKOI INFORMATSII PISHCHEVOI PROMYSHLENNOSTI. [New technology of dough preparation using liquid intermediate products; materials of the school of advanced practices] Novaya tekhnologiya prigotovleniya tesla na zhidkikh posredstvennykh materialakh shkolyi peredovogo opyta. Moskva, 1965. 38 p. (MICROFILM)
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT STROITEL'NYKH KONSTRUKTSII. [Instructions for using wooden elements under the conditions of a chemically aggressive medium] Ukazaniya po primeneniiu derevannykh konstruktsei v usloviyakh khimicheskoi agressivnoi sredy. Moskva, Stroizdat, 1966. 45 p.
- MOSTOVOI, A. S. [Calculation of the joints of structural components of airplanes, a manual on the course "Theory of structures and stress analysis of airplanes"] Raschet soedinenii elementov konstruktsei samoleta, uchebnoe posobie po kursu "Stroitel'naya mekhanika i raschet samoleta na prochnost'. Kulbyshchev, Kulbyshchskii aviatel'nomyi in-l, 1964. 31 p. (MICROFILM)
- MUSTAFAEV, I. S., and A. A. GUSEINOV. [Lithofacts and the oil and gas potentials of the producing layer in the southern zone of the Apsheron province] Litofakty i neftegazozamosnost' priodutivnoi iol'stviy zony Apsheron'skoi oblasti. Baku, Azernesht, 1966. 209 p.
- NAMESTNIKOV, A. F. [Chemistry in the canning industry] Khimiya v konservnoi promyshlennosti. Moskva, Pishchevaia promyshlennost', 1965. 259 p.
- NEDOREZOV, I. A., and others. [Cutting and percussive breaking of soil] Rezanie i udarnoe vrzhuhenie gruntov. Pod red. G. N. Pokrovskogo. Novosibirsk, Izd-vo "Nauka" Sibirskoe otd-vo, 1965. 132 p.
- NESTEROV, I. M., and E. V. MILLER. [Scientific principles of concentration by jigging of the fine size classes of ores] Nauchnye osnovy obogashcheniya osadok tonkikh klassov rud. Moskva, Nauka, 1966. 163 p.
- NESVITSKII, I. A. [Reliability of a motor vehicle] Nadezhnost' avtomobila. Moskva, Transport, 1966. 74 p. (Nauchno-popul'naya biblioteka avtomobilista)
- NIKITIN, G. A., and A. A. KOMAROV. [Distributing and regulating devices in hydraulic systems] Raspredeletel'nye i reguliruyemye ustroystva gidrosistem. Moskva, Mashinostroyeniye, 1965. 182 p.
- NOVIKOV, I. I. [Hot shortness of nonferrous metals and alloys] Goriachelomkost' tselnykh metallov i splavov. Moskva, Nauka, 1966. 298 p.
- NOVIKOV, I. I., and V. S. ZOLOTOREVSKII. [Dendritic segregation in alloys] Dendritnaya likvatsiya v splavakh. Moskva, Nauka, 1966. 154 p.
- NOVOSELOVA, A. V. [Rare metals and their use] Redkie metally i ikh primeneniye. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni nauke, tekhnike. XI Seriya. Khimiya, no. 4)
- OBOLONCHIK, V. A., and G. V. LASHKAREV. [Scientific and technical aspects of rare-earth metals and of actinides] Nauchnye i tekhnicheskie aspekty rezhkozemel'nykh metallov i aktinoidov. Kiev, Naukova dumka, 1966. 181 p.
- OPERATION OF STEAM BOILERS, PRESSURE VESSELS AND HEATING MACHINES. [Eksploatatsiya parovykh kotlov, sudov i gruzopod'emnykh mashin. Izd. 3, offtin'noe, perer. i dop. Kiev, Tekhnika, 1966. 786 p.
- ORLOV, A. V. [Effect of the inaccuracy of shaft position on the performance of gear transmissions] Vliyaniye netochnosti polozheniya valov na usloviya raboty zubnykh perevalov. Moskva, Nauka, 1966. 98 p.
- OVCHINNIKOV, A. P. [Welding and gluing of plastics] Svarka i kleivaniye plastmass. [Kulbyshchev] Kulbyshchevskoe knizhnoe izd-vo, 1965. 49 p. (Pererabotka plastmass)
- PERVITSKII, I. U. D. [Design and construction of precision mechanisms] Raschet i konstruirovaniye tochnykh mekhanizmov. Moskva, Mashinostroyeniye, 1965. 548 p.
- PETROV, A. A. [Demulsifying reagents for dehydrating and assaying petroleum] Reagenty-deemul'gatory dlia obezvozhivaniya i obessojivaniya nefeli. [Kulbyshchev] Kulbyshchevskoe knizhnoe izd-vo, 1965. 141 p.
- [PHOTO 1964] Foto 1964. Shehorichnyk. Ezhegodnik [Kyiv], Mysl'etstvo, 1965. [4] p., 76 illus. [In Ukrainian and Russian]

- PILIPENKO, M. I. [Free-beeling mechanisms] *Mekhanizm svobodnogo khoda*. Moskva, Mashinostroyeniye, 1966. 287 p.
- PISHCHIK, A. F., and F. I. SHERKHET. [Domestic self-service laundries] *Domovye prachechnye samoslužhivaniya*. Moskva, Stroizdat, 1966. 60 p.
- PISKAREV, I. V. [Filter materials made from glass and synthetic fibers] *Filtrovaniye materialy iz elektichnykh i khimicheskikh volokon*. 2, Izd. perer. i dop. Moskva, Leghala Industriya, 1965. 108 p.
- POKONAREV, A. I. [Methods of chemical analysis of iron, titanium-magnetite and chromite ores] *Metody khimicheskogo analiza zheleznykh, titanomagnetitovykh i khromovykh rud*. Moskva, Nauka, 1966. 405 p.
- POPOV, N. N., and B. S. RASTORGUEV. [Dynamic calculation of suspension elements] *Dinamicheskiy raschet vishchikh konstruktsii*. Moskva, Stroizdat, 1966. 82 p.
- POVILEKO, R. P. [Aesthetics and engineering] *Estetika i tekhnika*. Moskva, Znaniye, 1965. 31 p. (Biblioteka "Filosofskie problemy tekhniki," no. 2. V pomoshch' zanimatshchimsya v sisteme parafinoy uchby)
- PROEKTOR, E. G. [Enclosed cable passages] *Zakrytyye kabel'nye perekhody*. Moskva, Energiya, 1966. 122 p.
- PROTANSKI, V. V. [Machines and mechanisms at lumbering camps] *Mashiny i mekhanizmy na izeozagotovkakh*. Moskva, Lesnaya promyshlennost', 1965. 278 p. [MICROFILM]
- [PROTECTIVE COATINGS] *Zashchitnye pokrytiya*. Izd. otkryt'noe. Moskva, Izd-vo Standartov, 1965. 47 p. (SSSR. Gosudarstvennyye standarty)
- PYTEV, P. I. A. [Dies with plastic elements] *Shlampy s plastmassovymi elementami*. [Kulyshev] Kulyshevskoe knizhnoe izd-vo, 1965. 153 p.
- RAKHIMAROVA, M. S., and I. A. G. MIRER. [Effect of technological factors on the reliability of the blades of gas turbines] *Vliyaniye tekhnologicheskikh faktorov na naдеzhnost' lopatok gazovykh turbin*. Moskva, Mashinostroyeniye, 1966. 222 p.
- REBEL'SKII, A. V. [Fundamentals in the design of forging processes] *Osnovy proektirovaniya protsessov gorachel'noy obrabotki shlampov*. Pod red. S. S. Sotovskykh. Moskva, Mashinostroyeniye, 1965. 247 p.
- [REPAIR OF HOME ELECTRICAL APPLIANCES] *Remont bytovykh elektropriborov*. Donetsk, Donbass, 1965. 245 p.
- REZNIKOV, I. M. [Electric drives for the awitches of electric interlocking systems] *Stroichnye elektropribory elektricheskoy tsentralizatsii*. Moskva, Transport, 1966. 141 p.
- RUMIANTSEV, A. M. [Regulation of the use of the water resources of reservoirs] *Regulirovaniye ispol'zovaniya vodnykh resursov vodokhranilishch*. Pod obshch. red. T. L. Zolotareva. Moskva, Energiya, 1965. 115 p.
- RUSSIA (1923- U.S.S.R.) *Glavnaya gosudarstvennaya sanitarnaya inspeksiya*. [Technical conditions for the methods of determining harmful substances in the air] *Tekhnicheskie usloviya na metody opredeleniya viednykh veshchestv v vozdukh*. Moskva, Meditsina, No. 4. 1965. 178 p.
- RUSSIA (1923- U.S.S.R.) *Glavnoye upravlenie po proizvodstvu i montazhu metallicheskh konstruktsii*. [Fastening elements with high-strength bolts; a survey of information] *Sosiedinienie konstruktsii na vysokoprochnykh boltakh; obzornaya informatsiya*. Moskva, TSentr. biuro tekhn. informatsii. Pl. 2. 1965. 107 p.
- RUSSIA (1923- U.S.S.R.) *Gosudarstvennyy geologicheskii komitet. Laboratoriya aerometodov*. [Special problems in photogrammetry] *Spetsial'nye voprosy fotogrammetrii*. Moskva, Nauka, 1964. 117 p.
- RUSSIA (1923- U.S.S.R.) *Gosudarstvennyy komitet po delam stroitel'stva*. [Constitution specifications and regulations] *Stroitel'nye normy i pravila*. Moskva, Stroizdat. Pt. 2. Sec. I Ch. 1. [Hydraulic structures, basic regulations for designs] *Gidrotekhnicheskie sooruzheniya recheynykh osnovnyye polozeniya po proektirovaniyu* (SNIP II-1 1-82) 1960. 31 p. Pt. 2. Sec. L Ch. 19. [Rest homes, design specifications] *Uchazhdeniya otvodka, normy proektirovaniya* (SNIP II-L 19-82) 1960. 13 p.
- RUSSIA (1923- U.S.S.R.) *Gosudarstvennyy komitet po delam stroitel'stva*. [Instructions for designing reinforced concrete tanks for petroleum and petroleum products] *Ukazaniya po proektirovaniyu zhelezobetonnykh rezervuarov dlya nefli i nefteproduktov* (SN 326-65) Moskva, Stroizdat, 1966. 36 p.
- RUSSIA (1923- U.S.S.R.) *Gosudarstvennyy komitet po delam stroitel'stva*. [Instructions for performing and accepting work on the structure of collector tunnels by means of shield driving in cities and at industrial enterprises] *Ukazaniya po proizvodstvu i primeneniyu rabot po sooruzheniyu kolketorsnykh tunnelei sposobom shchitovoi prokhoiki v gorodakh i na promyshlennykh predpriyatiyakh* (SN 322-65). Moskva, Stroizdat, 1966. 37 p.
- RUSSIA (1923- U.S.S.R.) *Gosudarstvennyy komitet po delam stroitel'stva*. [Provisional instructions for designing mastic roofing reinforced by vitreous materials] *Vremennyye ukazaniya po proektirovaniyu mastichnykh krovlei, armirovannykh steklofibrilnymi* (SN 312-65). Moskva, Stroizdat, 1965. 16 p.
- RUSSIA (1923- U.S.S.R.) *Gosudarstvennyy komitet po delam stroitel'stva*. [Set pieces for the reproduction of technical documents by means of phototechnical and electrographic copying] *Otpusknye tseny na razmnozhenie tekhnicheskoi dokumentatsii metodami fototekhnicheskogo i elektrograficheskogo kopirovaniya*. Moskva, 1965. 7 p.
- RUSSIA (1923- U.S.S.R.) *Gosudarstvennyy komitet po pishchevoi promyshlennosti*. [Dried fruit; collection of inter-republic technical specifications] *Frukty susheno, sbornik mezhrespublikanskikh tekhnicheskikh usloviy*. Moskva, Izd-vo Standartov, 1965. 59 p.
- RUSSIA (1923- U.S.S.R.) *Gosudarstvennyy komitet standartov, mer i izmeritel'nykh priborov*. [Solid cutters and segment saws] *Trezy isel'nye i pily segmentnye* (MN 390-65—MN 392-65, MN 394-65—MN 417-65, MN 5605-65—MN 5610-65) Moskva, Izd-vo Standartov, 1965. 179 p. (SSSR. Normally mashinostroyeniya)
- RUSSIA (1923- U.S.S.R.) *Ministerstvo geologii. Laboratoriya aerometodov*. [Theory and practice of aerial photograph reading] *Teoriya i praktika deshifirovaniya aerenimkov*. Moskva, Nauka, 1966. 222 p.
- RUSSIA (1923- U.S.S.R.) *Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya*. [Program on the technology of metals and other building materials for machinery manufacture departments in schools of higher learning] *Programma po tekhnologii metallov i drugikh konstruktsionnykh materialov dlya mashinostroitel'nykh spetsial'nostei vysshikh uchebnykh zavedeni*. Moskva, Vysshaya shkola, 1965. 33 p.
- RYBAL'SKII, V. I. [Cybernetics in construction] *Kibernetika v stroitel'nom proizvodstve*. Izd. 2., perer. i dop. Kiev, Budvel'nyk, 1965. 401 p.
- S. FAROV, E. D. [Principles of the water supply, economic and power calculations for hydroelectric power stations] *Osnovy vodokhozlaistvennykh i energoekonomicheskikh raschetov gidroelektricheskikh stantsii*. Erevan, Alastan, 1965. 383 p.
- SAKHNOVSKII, M. M. [Engineering qualities of welded structural steel elements] *Tekhnologichnost' stroitel'nykh svaynykh stal'nykh konstruktsii*. Kiev, Budvel'nyk, 1966. 185 p.
- SALMANOVA, L. S., and L. A. ZHDANOVA. [Use of cytochrome and pectolytic enzymes in the production of fruit and berry juices] *Primeneniya tsitopektolicheskikh fermentov v proizvodstve pirolagodnykh sokov*. Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1965. 16 p. [MICROFILM]
- SATALKIN, A. V., and P. G. KOMOKHOV. [High-strength autoclave materials on a base of lime-silicon binding materials] *Vysokoprochnyye avtoklavnyye materialy na osnove izvestko-kremnezemistykh vlyazhushchikh*. Pod red. A. V. Satalkina, Leningrad, Stroizdat, 1966. 237 p.
- SEDLUKHA, G. A., and O. M. FRIDMAN. [Welding of municipal gas lines] *Svarka gorodskikh gazoprovodov*. Leningrad, Nedra, 1966. 136 p. (Biblioteka inzhenera gazovogo khozaystva)
- SHAL'MAN, M. P. [Technological and local engineering control in atomic power plants; abstract of lectures] *Tekhnologicheskiy i teplotekhnicheskii kontrol' na atomnykh elektrostaniyakh stantsiyakh, konvergentsii*. Red. S. F. Chistiakov. Moskva, Mashinostroyeniye, 1965. 134 p.
- SHARUDO, I. I. [Composition and conditions governing the accumulation of coal-bearing sediments in the Sayfun basin] *Sostav i usloviya nakopleniya mestebykh ugleonosnykh otlozhenii Sulfanskogo basseinu*. Red. I. N. Zvonarev. Novosibirsk, Nauka, 1965. 71 p.
- SHASHILOV, D. A., and V. I. SHNEERSTOV. [Theory of the photographic process] *Teoriya fotograficheskogo protsessu*. Moskva, Kniga, 1965. 343 p.
- SHATALOV, A. S. [Transformation of signals and their representative functions by generalized linear automatic control systems] *Preobrazovaniya signalov i izobrazhushchikh ikh funktsii obobshchennymi lineinymi sistemami avtomaticheskogo upravleniya*. Moskva, Energiya, 1965. 343 p.
- SHATS, I. A., R. V. SLONEVSKII, and I. S. SHOKH. [Using electronic digital computers in design, optimal control transmissions] *Proektirovaniye optimal'nykh soobnykh peredach na ETSVM*. Moskva, Mashinostroyeniye, 1965. 247 p.
- SHCHEKON, R. V. [Heat engineering calculations for exterior-wall elements of heated buildings] *Teplotekhnicheskie raschetnyye ogranicheniya pri konstruktsii otnaplyayemykh zdaniy*. Kiev, Budvel'nyk, 1966. 11 p.
- SHEFER, V. A., and L. N. FLEKOVA. [Equipment for the knit garment industry] *Oboorudovaniye tsel'nykh shvayemykh proizvodstva*. Izd. 2., perer. i dop. Moskva, Leghala Industriya, 1966. 383 p.
- SHIFRIN-KIRYZHALOVSKII, I. A., and V. S. MIKIN. [Theoretical stability of transistors and the reliability of radioelectric equipment] *Teplotekhnicheskie i tranzistorov i nadezhnost' radioelektricheskikh apparatov*. Moskva, Sovetskoe radio, 1966. 255 p.
- SHILINIKOV, V. M. [Equipment for the production of acetylene from petroleum and gas] *Uslanovskiy pri proizvodstve atsetilena iz nefli i gaza*. Moskva, Mashinostroyeniye, 1965. 178 p.
- SKOSYREV, V. P. [Safety manual for manufacturing keramzit and agiporite] *Pamiatka po tekhnike bezopasnosti pri proizvodstve keramzita i agiporita*. Moskva, Stroizdat, 1966. 40 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)
- SMIRNOV, N. V. [Production of lime, dolomite, and gypsum meals for agriculture] *Proizvodstvo izvesti, malkov, diomitolov i gipsovoi muki dlya sel'skogo khozaystva*. Moskva, Stroizdat, 1966. 111 p.
- STASUNAS, ANTANAS, and ANTANAS KUZMANAS. [Metal-cutting tools] *Metalo pjovimojklai vnter*. Minis, 1965. 474 p. [In Lithuanian]
- STOLIAROV, I. S. [Young designers and technicians (creative activity)] *Unye konstruktory i tekhnicheskoye tvorchestvo*. Moskva, DSSAAF, 1966. 129 p.
- TAMM, L. E. [Fundamentals of the theory of electricity] *Osnovy teorii elektrichestva*. Izd. 8. Moskva, Nauka, 1966. 624 p.
- TIKHOMIROV, V. A. [Fundamentals of the construction of airplane plants and shops] *Osnovy proektirovaniya samotostraitel'nykh zavodov i tsakhov*. Moskva, Mashinostroyeniye, 1965. 490 p.
- TIMOFEEV, B. B. [Special problems of the theory of the surface effect] *Spetsial'nye zadachi teorii poverkhnostnogo efekta*. Kiev, Naukova dumka, 1966. 182 p.
- TREGUBOV, N. N., and A. A. MILUTIN. [Structural technology] *Tekhnologiya krakmanin*. Moskva, Pishchevala promyshlennost', 1965. 499 p.
- TRETYAKOV, I. P., and others. [Laboratory work in the course "Metal cutting"] *Laboratornyye raboty pri kursu "Rozantno metallov"*. Moskva, Mashinostroyeniye, 1965. 140 p.
- TRISVIATSKII, L. A. [Grain storage] *Khraneniye zerna*. 3, perer. i dop. izd. Moskva, Kolos, 1966. 407 p.

- TROKHIMENKO, I.A. K. [Radio receivers using transistors] Radiopriemnye ustroystva na tranzistorakh. Izd. 3, ispr. i dop. Kiev, Tekhnika, 1966. 437 p.
- TSENTROSPETSSTROI, Inst. [Installing systems of exterior water supply and sewerage] Montazh sistem vneshnego vodosnabzheniya i kanalizatsii. Pod red. A. K. Perashchikina. Moskva, Stroiizdat, 1965. 543 p. (Spravochnik po spetsial'nym rabotam)
- ULIUEV, D. I. [Manual for track maintenance workers] Posobie putevomu rabochemu. 2, peier. izd. Moskva, Transport, 1966. 367 p.
- VAKS, E. E. [Measurement of yarn tension] Izmerenie natiazheniya nitel. Moskva, Legkaya Industriya, 1966. 230 p.
- VARDANIAN, L. E. [Assembly-line methods of production and their application in the machinery industry of Armenia. Polochnye metody proizvodstva i ikh primeneniye v mashinostroyeni Armicii. Erevan, Arastan] 1965. 117 p. [In Armenian]
- VENDEL'SHTEIN, B. I. U. [Study of the cross sections of oil and gas wells by the method of self potentials] Issledovanie razrezov neflanykh i gazovykh skvazhin metodom sobstvennykh potentsialov. Pod red. V. N. Dakhnovskiy. Moskva, Nedra, 1966. 205 p.
- VERBITSKIY, I. I., S. N. CHERNYKH, and V. V. ZHUKOV. [Repair of the electrical equipment of skidding tractors and logging trucks] Remont elekticheskoy oborudovaniya traktorov i lesovoznykh avtomobilei. Moskva, Leningradskaya Promyshlennost', 1965. 118 p.
- VERESHCHAK, F. P., and L. A. ABELEVICH. [Handbook for the mechanical engineer, vol. Design of motor-vehicle repair enterprises] Spravochnik inzhenera-mekhanika, tom Proektirovaniye avtomobilykh predpriyatiy. Moskva, Transport, 1966. 333 p. chart (insert)
- VEREVKIN, S. I., and V. A. KORCHAGIN. [Gasholders] Gazogoidery. Moskva, Stroiizdat, 1966. 238 p.
- VYSHEV, A. V. [Electric profiling using direct and alternating current] Elektroprofilirovaniye na postoiannom i peremennom toke. Leningrad, Nedra, 1965. 477 p.
- VIKHLIAEV, I. I. [Peat in hydraulic engineering] Torf v gidrotekhnicheskoy stroitel'stve. Pod red. M. M. Sokol'skogo. Moskva, Energiya, 1965. 194 p.
- VINOGRADOV, B. S. [Applied gas dynamics] Prikladnaya gazovaya dinamika. Moskva, Universitet dzhilby narodov im. Patrisa Lumumby, 1965. 347 p.
- VISHNEVSKIY, Z. A. [Repair of reflex-type cameras] Remont fotoapparatov zerkalnogo tipa. Moskva, Legkaya Industriya, 1966. 149 p.
- VOVK, V. V., and others. [MAZ-529E-D357M and MAZ-520M-D357M self-propelled scrapers, their working principles and operation] Samokhodnyye skrapery MAZ-529E-D357M i MAZ-520M-D357M, ustoystvo i ekspluatatsiya. Moskva, Stroiizdat, 1966. 162 p.
- VSESOIUZNAIA KONFERENTSIA PO PRIMENENIU ELEKTRONNYKH MATEMATICHESKIKH MASHIN V STROITEL'NOI MEKHANIKE, MASHINOSTROYENII I STROITEL'NOM PROIZVODSTVE, 4th, Kiev, 1965. [Abstracts of reports at the All-Union Conference on the Use of Electronic Computers in Structural Mechanics, Machinery Manufacture, and Construction] Tezisy dokladov. Kiev, Ukrainskoe pravlenie nauchno-tekhn. ob-va stroit. Industrii SSSR, 1965. 182 p.
- VSESOIUZNOE SOVESHCHANIYE PO TRESHCHINNYM KOLLEKTORAM NEFTI I GAZA. 2d. Gvoznyi, 1962. [Transactions of the All-Union Conference on Fractured Oil and Gas Reservoirs] Trudy. Moskva, Nedra, 1966. 508 p.
- VYZGO, M. S. [Operational measures, forecasts, and methods for reducing local erosion below hydraulic structures] Ekspluatatsionnye meropriyatiya, prognozy i sposoby umen'sheniya mestnykh raznyvov za gidrotekhnicheskimi sooruzheniyami. Tashkent, Izdatvo "Nauka" Uzbekskoi SSR, 1966. 292 p.
- ZAIANTS, R. M., and R. K. KORDONSKAYA. [Chemically stable ceramic products] Khimicheskie khimicheski stolkie izdeliya. Moskva, Stroiizdat, 1966. 187 p.
- ZAKHAREVICH, S. V. [Transient and steady-state processes in the networks of rectifier-type electric rolling stock] Perikhodnyye i ustoyovivshiesia protsessy v skhemakh elektropodviziynogo sostava vypryamitel'nogo tipa. Moskva, Nauka, 1966. 238 p.
- ZALOG, B. D., ed. [Methods for evaluating the operating characteristics of jet-propulsion fuels and lubricants] Metody otsenki ekspluatatsionnykh svoystv reakivnykh topliv i smazochnykh materiyalov, sbornik statei. Moskva, Mashinostroyeniye, 1966. 132 p.
- ZINCHENKO, V. P., and G. L. SMOLIAN. [Man and technology, control systems and engineering psychology] Chelovek i tekhnika, sistemy upravleniya i inzhenernaya psikhologiya. Moskva, Znaniye, 1965. 45 p. (Biblioteka "Filosofskie problemy tekhniki," no. 4)

17. MILITARY & NAVAL SCIENCES

- ABROSIMOV, K. A., A. A. MIL'KO, and A. M. PASINSKIY. [Technology of the construction of reinforced-concrete ships] Tekhnologiya zhelezobetonnykh sudostroyeniya. Leningrad, Sudostroyeniye, 1965. 347 p.
- BELOGOVA, M. A. [Bending moments for ships of inland navigation on rough waters] Izgibayushchie momenty dlya sudov vnutrennego plavaniya na volnnykh Leningrad, Sudostroyeniye, 1966. 200 p.
- [FLEXIBLE CONTAINERS ON SHIPS] Sudovyye mlagkie emkosty [By] V. E. Nagula i dr. Leningrad, Sudostroyeniye, 1966. 287 p.
- GORNYI, A. G. [In the face of the law] Pered litsom zakona. Moskva, Voenizdat, 1965. 94 p.
- GROMOV, V. N. [Single combat] Poodinok. Moskva, Voenizdat, 1966. 45 p. (Rasskazyvalut fioutoviki)
- IVANOV, K. I. [The "Botik" manor, birthplace of the Russian Navy] Usad'ba "Botik" - mesto rozhdeniya russkogo voennogo flota. "A. I. Osolavi", Pereslavl'-Zalesskii istoriko-khudozhestvennyi muzei, 1966. 24 p.
- KAMALOV, K. I. KH. [Naval Infantry in the battles for the homeland, 1941-1945] Morskaya pekhota v boiakh za Rodinu (1941-1945 gg.) Moskva, Voenizdat, 1966. 214 p.
- LEONT'EVSKIY, E. S., and N. M. RENSKII, comp. [Handbook for the mechanic and machinist of a motor ship] Spravochnik mekhanika i motorista teplokhoda Izd. 2, peier. i dop. Moskva, Transport, 1965. 501 p.
- LUGOVSKIY, V. V. [Nonlinear problems of the seaworthiness of a ship] Nelineynye zadachi morskhnosti korablia. Leningrad, Sudostroyeniye, 1966. 214 p.
- MIKHAILOV, V. A., and I. A. NAUMENKO. [Nuclear physics and nuclear weapons] Yadernaya fizika i yadernoe oruzhie. Moskva, Voenizdat, 1966. 223 p. (Nauchno-populnarnaya biblioteka)
- POPKOV, I. F. [Manual for river transportation workers] Spravochnik puteisha-rechnya. Moskva, Vysshaya shkola, 1965. 199 p.
- RED'KIN, M. G. [Amphibious wheeled and full-track vehicles] Pivatushchye koleasnyye i gusonichnyye mashiny. Moskva, Voenizdat, 1966. 190 p.
- RYBALKO, N. V., and V. B. POLOSATKIN. [Assembly of metal ships prior to their erection on slipways] Predslozheniya sborka metalicheskikh sudov. Leningrad, Sudostroyeniye, 1966. 238 p.
- SHENING, Z. R. [Hydraulic press fitted joints of ship parts] Gidropressovyye soedineniya sudovykh detalей. Leningrad, Sudostroyeniye, 1966. 102 p.
- SYROMIATNIKOV, V. F. [Automatic control of marine steam turbines] Avtomaticheskoe regulirovaniye sudovykh paroturbinnykh ustanovok. Leningrad, Sudostroyeniye, 1965. 299 p.
- TSIRLEY, A. D. [Soviet engineer troops] Sovetskio tuzheneryye voyska. Moskva, DOSAAF, 1965. 58 p. (Molodezhno o voennoykh slakh) (CS-II)
- VEREVKIN, I. I. [Electroluminescent devices for automatic control on ships] Elektroluminescentnyye usirotsiya sudovoi avtomatiki. Leningrad, Sudostroyeniye, 1966. 149 p.
- ZHAKOV, A. M., and F. A. FIGULEVSKIY. [Guidance of ballistic missiles] Upravleniye ballisticheskimi raketami. Moskva, Voenizdat, 1965. 277 p.
- ZHILINSKIY, K. I. A. [Heat insulation of ship refrigeration spaces; modern methods of calculation] Teploizolatsiya sudovykh refrizheratsionnykh pomeshcheniy, sovremennyye metody rascheta. Leningrad, Sudostroyeniye, 1966. 102 p.

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- Table of contents translated:
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- Table of contents translated:
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- LENINGRAD, UNIVERSITET. Vestnik [UNIVERSITY. Review],** Vol. 18, no. 24, 1963. Seriya geologii i geografii [Series in Geology and Geography], no. 4.
- Table of contents translated:
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- Seitla A. Trudy Akademii nauk L'kovskoi SSR.
- Seitla A. [ACADEMY OF SCIENCES OF THE LITHUANIAN S.S.R. Transactions, Series A.], Vilnius no. 1 (20), 1966.
- MOSCOW. MOSKOVSKIY GOSUDARSTVENNIY PEDAGOGICHESKIY INSTITUT, Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE, Studies], No. 205, 1964.
- Table of contents translated.
- Borovnikov, A. I. - Ruhr workers in the struggle against capitalist monopolies in 1946-1947, p. 3.
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- OBSSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademii nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.], Tashkent, vol. 10, no. 4, 1966.
- PRZHEVAL'SK. GOSUDARSTVENNIY PEDAGOGICHESKIY INSTITUT. Trudy [STATE PEDAGOGICAL INSTITUTE, Transactions], No. 9, 1962.
- Contents. Glibet, E. I. [V. G. Korolenko and government reaction. A. P. Chekhov's abridged form of V. G. Korolenko's story "Rustling forest"] V. G. Korolenko i pravil'stvennaya reaktsiya. Sokrashchennia A. P. Chekhovym rasskaza V. G. Korolenko "Les shumit." 24 p.
- SARANSK. MORDOVSKIY GOSUDARSTVENNIY UNIVERSITET, Uchenye zapiski [MORDOVIAN STATE UNIVERSITY, Studies], No. 45, 1964. Series in the mechanization of agricultural production.
- Table of contents translated.
- Golovanov, V. P. - Studying the precision of the flow and distribution of seeds in the row by the SKIRN-12B planter, p. 3.
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- No. 47, 1965. Series in the veterinary sciences.
- Table of contents translated.
- Podobin, I. I., Golyshenkov, P. P., Machinskii, A. P. - Let us intensify the control of parasitic diseases of farm animals in Mordovia, p. 3.
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b POPULAR MAGAZINES

AMERIKA, Illustirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency Washington, D. C. no 110, 1966.

AZIYA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY].

Issued by Institut nauchov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 9, no. 5, May 1966

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BARVINOK [PERIWINKLE]. Issued by T'Sentral'nyi komitet Lenins'kogo kommunisticheskogo soiuza molodezhi i Respublikans'ka rada Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, nos. 4-5, Apr.-May 1966

BEARUS [WHITE RUSSIA]. Organ of Saliu pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 23, no. 5(250), May 1966.

BELARUSKAYA MOLADZ' [BYELORUSSIAN YOUTH].

Issued by Zgustavan'ne belaruskas moladz'iu Amerytsy [White Russian Youth Association of America]. New York, vol. 8, no. 24, Mar. 1966.

BIAROSKA [THE LITTLE BIRCH]. Issued by T'Sentral'nyi komitet Leninskago kommunisticheskogo soiuza molodezhi i Respublikanski Savet planerskai organizatyi imia V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 42, nos. 3-4, Mar.-Apr. 1966.

DADZIS [THISTLE]. Riga, nos. 7(223)-8(224), 1966. [In Latvian]

DRUZHNO VPERED [FORWARD TOGETHER]. Issued by Kul'turna spilka ukrains'kykh traditsiichykh Chekho-slovenschyn [Cultural Association of the Ukrainian Workers of Czechoslovakia]. Presov, vol. 16, nos. 4-5, Apr.-May 1966 [In Ukrainian]

KAPKAN, chuvashskii satiricheski zhurnal [TRAP: Chuvash Satirical Magazine]. Cheboksary, nos. 7(496)-8(497), Apr. 1966. [In Chuvash]

KHORPUSHITAK [HEDGEHOG]. Dushanbe, nos. 4(155)-7(158), Feb.-Apr. 1966. [In Tajik]

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh yazykakh [Publishing House for Literature in Foreign Languages]. Peking, no. 4, 1966.

KOREIA [KOREA]. Pyongyang, no. 4(117), 1966.

KOSTER [CAMPFIRE]. Issued by T'Sentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 4, Apr. 1966.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda" Moscow, vol. 41, nos. 16(160)-12 (1800), Apr. 1966

KRYLATYI [THE WINGED ONES]. Issued by T'Sentral'nauprava SUM [Central Committee of the Ukrainian Youth Association]. New York, vol. 3, no. 12, Dec. 1965, vol. 4, no. 4, Apr. 1966

KULTUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministrium and Eesti NSV Ameerikahingute Nõukogu [Ministry of Culture of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.]. Tallinn, vol. 9, no. 5, May 1966 [In Estonian]

KULTURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soiuza sovetskikh obshchestv dazhby i kul'turnoi svyazi s razvuzhnyimi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 10, no. 5, 1966

MEDETNET ZHENE TURMYS [CULTURE AND LIFE]

Issued by Ministerstvo kul'tury i Karakiskol SSR [Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 4(94), Apr. 1966 [In Kazakh]

MURZILKA. Issued by T'Sentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi i T'Sentral'nyi sovet Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 4, Apr. 1966

NOVALA KOREIA [NEW KOREA]. Published by Izdatel'stvo literatury na inostrannykh yazykakh [Foreign Language Publishing House]. Pyongyang, nos. 3(216)-4(217), 1966

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 44, nos. 17(2020)-21(2030), Apr.-May 1966

OTCHIZNA, pishorhente k zhurnal "Golos Rodiny" [THE FATHERLAND, Supplement to the Periodical "The Voice of Our Country"] Issued by Sovetskii komitet po kul'turnym svyazim s sootchestvennikami za razbezhom [Soviet Committee for Cultural Relations with Our Countrymen Abroad]. Berlin, no. 5(31), May 1966

PERETS' [PEPPER]. Issued by Vydavnystvo [Publishing House] "Radlana ka Ukraina." Kiev, vol. 26, nos. 5(568)-8(571), Mar.-May 1966.

PIONER [PIONEER]. Issued by T'Sentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi i T'Sentral'nyi sovet Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 43, no. 4, Apr. 1966.

PIONER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin Ashkhabad, no. 2, Feb. 1966, no. 3, Mar. 1966 [In Turkmen]

POL'SIA [POLAND]. Warsaw, nos. 4(140)-6(141), 1966.

RADOCHE-KREST' IANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda" Moscow, no. 4, Apr. 1966

RANOK [MORNING]. Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, no. 4(156), Apr. 1966

RODINA [OUR COUNTRY]. Issued by Komitet za vozvrashchenie na Rodinu i razvitiie kul'turnykh svyazei s sootchestvennikami [Committee for Repatriation and Development of Cultural Relations with Our Countrymen]. Berlin, vol. 8, no. 2, Mar.-Apr. 1966

RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., vol. 11, no. 128, Nov. 1964, vol. 12, no. 146, May 1966.

SHMEL' [BUMBLEBEE]. Alma-Ata, vol. 10, nos. 3(120)-4(121), Mar.-Apr. 1966. [In Kazakh]

TOMSK. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. Vol. 178, 1965 Melodologicheskie i istoriograficheskie voprosy istoricheskoi nauki [Melodological and historiographical problems of historical science], no. 3.

- Table of contents translated
- Ivanov, V. V. - The principle of historicism in the critical evaluation of liberal populism and "legal Marxism" by V. I. Lenin. p. 3.
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ULAN-UDE. BURIATSKII KOMPLEKSNYI NAUCHNO-ISLEDOVATELSKII INSTITUT. Trudy [BURYAT SCIENTIFIC RESEARCH INSTITUTE. Transactions]. No. 10, 1965. Materialy po istorii i filologii T'Sentral'noi Azii [Materials on the history and philology of Central Asia], no. 2.

Table of contents translated:

Budaev, V. Sh. - Economic cooperation between the Soviet Union and the Mongolian People's Republic. p. 3.

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SKYNTIEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, vol. 36, no. 3, Mar 1966 [In Moldavian].

SLUOTA [THE BROOM]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 6(279), 1966 [In Lithuanian].

SOGLASIE [CONCORD]. Los Angeles, Calif., vol. 15, no. 176, May 1966.

SOTSIALISTYCHNA KULTURA [SOCIALIST CULTURE]. Organ of Ministerstva kulturyi URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, no. 3, Mar 1965, nos. 3-5, Mar.-May 1966.

SOVETSKI SOIUZ [SOVIET UNION]. Moscow, no. 5(105), 1966.

SOVREMENNAYA MONGOLIJA [CONTEMPORARY MONGOLIA]. Ulan Bator, vol. 10, nos. 3(98)-1(99), Mar.-Apr. 1966.

SVOBODNOE SLOVO, ezheмесiachnyi kаipato-russkii zhurnal [FREE WORD, Caipatho-Russian Monthly]. Neaark, vol. 8, no. 1.2(85-86), 1966.

SVYTURYS [THE LIGHTHOUSE]. Vilnius, vol. 18, no. 7(415), Apr. 1966 [In Lithuanian].

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radnans'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 25, nos. 14(482), 16(484)-21(488), Apr.-May 1966.

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei i Sverdlovskoe promyshlennyi i sel'skii obkomy VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Industrial and Agricultural Committees of the All-Union Communist Youth League of Lenin]. Sverdlovsk, vol. 9, nos. 3-4, Mar.-Apr. 1966.

UZBEKISTON [UZBEKISTAN]. Tashkent, vol. 25, nos. 3(291)-4(292), Mar.-Apr. 1966.

VESELKA. THE RAINBOW. Published by Ukrainian National Association. Jersey City, vol. 13, no. 4(141), May 1966.

V'ETNAM [VIETNAM]. Hanoi, Vietnam, no. 1(100), 1966.

VOPROSY I OTVETY [QUESTIONS AND ANSWERS]. Moscow, no. 4(173), Apr. 1965, nos. 3(184)-4(195), Mar.-Apr. 1966.

VOZHATYI [PIONEER GUIDE]. Published by Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi i Tsentral'nyi soviet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 42, no. 3, Mar. 1966.

VOZHAK [HEDGEHOG]. Minsk, vol. 25, no. 15(613), Aug. 1965, vol. 26, nos. 4(628)-7(629), Feb.-Apr. 1966.

VSESVIT. THE WORLD. Issued by Spilka pys'mennykh Ukrainy i Ukrain'ske tovarystvo druzhby i kul'turnoho z'v'iazku z zaiubizhnyimi krajinami [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 9, nos. 4(94)-5(95), Apr.-Mar. 1966.

VYZVOL'NYI SHLIKH [LIBERATION PATH]. London, vol. 19, no. 4(217), Apr. 1966.

ZHEZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiiskoe obshchestvo glukhiikh [All-Russian Society of the Deaf]. Moscow, vol. 19, no. 4, Apr. 1966.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of Vserossiiskoe obshchestvo slepykh [All-Russian Society of the Blind]. Moscow, vol. 43, no. 4, Apr. 1966.

ZVAIGZNE [THE STAR]. Riga, vol. 16, nos. 7(377)-9(379), Apr.-May 1966. [In Latvian].

2. BIBLIOGRAPHY

BIBLIOGRAPHY

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaya biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, vol. 10, nos. 3, 7, Feb.-Mar. 1966.

JAUNAS GRAMATAS [NEW BOOKS]. Riga, no. 3(93), Mar. 1966 [In Latvian].

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaya knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 16, 19-21, 1966. Vspomogatel'nye ukazateli k nos. 40-52 za 1965 g. [Indexes to nos. 40-52 for 1965].

LATVIJAS PSR PRESES HROMIKA. LETOPIS' PECHATI LATVIJSKOI SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S.S.R.]. Issued by Latvijs PSR gramatu palata [Book Chamber of the Latvian S.S.R.]. Riga, no. 12, Dec. 1965, no. 1, Jan. 1966.

LETAPIS DRUKU BSSR, LETOPIS' PECHATI BSSR [CHRONICLE OF THE PUBLICATIONS OF THE WHITE RUSSIAN S.S.R.]. Issued by Bialyruchnaya biblioteka BSSR and Knizhnaia palata BSSR [State Library of the White Russian S.S.R. and the Book Chamber of the White Russian S.S.R.]. Minsk, no. 12, Dec. 1965.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoiuznaya knizhnaia palata [All-Union Book Chamber]. Moscow, Vspomogatel'nye ukazateli k nos. 10-12 za 1965 g. [Indexes to nos. 10-12 for 1965].

LETOPIS' RETSENZII [CHRONICLE OF REVIEWS]. Published by Vsesoiuznaya knizhnaia palata [All-Union Book Chamber]. Moscow, no. 1, 1966.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaya knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 13-11, 1966.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSEDOVATELSKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12, 1964.

NOVAIA LITERATURA PO GERMANSKOI DEMOKRATICHESKOI RESPUBLIKE [NEW LITERATURE ON THE GERMAN DEMOCRATIC REPUBLIC]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 3, 1966.

NOVAIA LITERATURA PO RUMYNII [NEW LITERATURE ON RUMANIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 3, 1966.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM AZII I AFRIKI [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF ASIA AND AFRICA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 3, 1966.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 7, 1966.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSEDOVATELSKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, 1963.

NOVYE KNIGI, ezhe nedel'nyi informatsionno-bibliograficheskii zhurnal [NEW BOOKS, Bibliographic and Information Weekly]. Issued by Gosudarstvennyi knizhnet Soveta Ministrov SSSR po pečati [State Committee of the Council of Ministers of the U.S.S.R. for Printing]. Moscow, vol. 12, no. 17, Apr. 1966.

NOVYE KNIGI SSSR [NEW BOOKS OF THE U.S.S.R.]. Issued by Vsesoiuznaya obshchestvennaya "Mezhdunarodnaya kniga" [All-Union Association "International Book"]. Moscow, nos. 17-18, Apr. 1966.

NOVYE KNIGI ZA RUBEZHOM. Seriya V: Biologiya, medicina, sel'skoe khozjajstvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 10, no. 4, Apr. 1966.

NOVYE KNIGI ZA RUBEZHOM. PO OBLASTI SVETSKOJ NAUKAM, ekonomika, filologiya, istoriya, meditsina, selskoe khozjajstvo [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES, Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 9, no. 4, Apr. 1966.

SOVETSKAIA BIBLIOGRAFIJA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoiuznaya knizhnaia palata [All-Union Book Chamber]. Moscow, no. 1(95), 1966.

Table of contents translated:
Uplis, A.J. - Coordinating the preparation of retrospective bibliography. p. 4.
Nakashidze, T.E. - Retrospective bibliography of the Georgian S.S.R. p. 9.

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SVODNYI DULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR [List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]. Moscow, nos. 6(68), 1(69), 1966.

V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po pečati [State Committee of the Council of Ministers of the U.S.S.R. for Printing]. Moscow, vol. 6, no. 3, Mar. 1966.

Table of contents translated:
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AKADEMIYA NAUK SSSR. Biblioteka. Novye izoshannyye knigi, katalog novykh postuplenii... [ACADEMY OF SCIENCES OF THE U.S.S.R. Library. New Foreign Books: Catalog of New Accessions...]. Leningrad, no. 5(156), 1965, no. 3(160), 1966.

BIBLIOTEKAN' [THE LIBRARIAN]. Organ of Ministerstvo kultury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 43, no. 4, Apr. 1966.

- Table of contents translated:
A stimulating action of millions of people. p. 1.
When we read the "Diachyva." p. 2.
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BIBLIOTEKOVEDENIE I BIBLIOGRAFIYA, ukazatel' literatury [LIBRARY SCIENCE AND BIBLIOGRAPHY, an index to the literature of]. Oct.-Dec. 1964. Issued by Nauchno-metodicheskii otdel bibliotekovedeniya i bibliografii Gosudarstvennoi biblioteki SSSR imeni V.I. Lenina [Scientific Methodological Division of Library Science and Bibliography of the V.I. Lenin State Library]. Moscow, no. 1, Jan.-Mar. 1965.

BIBLIOTEKOVEDENIE I BIBLIOGRAFIYA ZA RUBEZHOM [LIBRARY SCIENCE AND BIBLIOGRAPHY ABROAD]. Issued by Gosudarstvennaya biblioteka SSSR imeni V.I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no. 15, 1964. Materials of a conference on the theme "Basic trends in the development of library science in a modern bourgeois society" held on April 17-18, 1964.

- Table of contents translated:
Chubartun, O. S. - Basic trends in the development of library science in a modern bourgeois society. p. 3.
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ULAN-UDE. VOSTOCHNO-SIBIRSKI BIBLIOTECHNYI INSTITUT. Study [EAST SIBERIAN LIBRARY INSTITUTE. Transactions]. No. 1, 1962.

- Table of contents translated:
Batuov, B. B. - The Buryat national liberation movement during the struggle for the Soviet regime. p. 3.
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3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

- RUSSIA (192' srednego doklady v Higher an Papers of Moscow, vol. 0, no. 2, 1966.
Table of contents translated:
Kovalov, A. M. - Vital necessity of developing and improving socialist economic relations. p. 3.
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- Table of contents translated:
Rozhin, V. P. - Some problems of materialistic dialectic as theory of development. p. 3.
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b. RELIGION

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 45, no. 4/5, 1966.

HOLAS TSARKVY [THE VOICE OF THE CHURCH]. Issued by TSKounaina rada Belaruskaya autakofal'no pravoslavnoe tsarkvy [Belorussian Autocephalic Orthodox Church]. New York, vol. 12, no. 2, 1966.

LIUDYNA I SVIT [MAN AND THE WORLD]. Issued by Tovarystvo "Znannya" Ukrainskoi RSR ["Knowledge" Society of the Ukrainian S.S.R.]. Kiev, vol. 6, no. 5 (68), May 1966.

NAUKA I RELIGIYA [SCIENCE AND RELIGION]. Issued by Vsesoyuznoe obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, vol. 8, no. 5, May 1966.

ROSSIYA I VSELENSKAYA TSERKOV' [RUSSIA AND THE UNIVERSAL CHURCH]. Bruevles, no. 3/4(65-66), July-Dec. 1965, no. 1(67), Mar. 1966.

- O. IU, Kobylanskala, on her 100th birth anniversary,
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b ARCHAEOLOGY & ANTIQUITIES

ARKHEOLOGICHESKII SBORNIK [ARCHAEOLOGICAL PAPERS]. Issued by Gosuchastvennyi Ermitazh [State Hermitage] Leningrad, no. 7, 1965. Materials and studies on the archaeology of the European part of the U.S.S.R.

- Table of contents translated:
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- Doman'skiy, I.A.V. - Early phase in the history of Greek cities in the northern Black Sea region, p.110.

EPIGRAFIKA VOSTOKA [EPIGRAPHY OF THE ORIENT]. Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 17, 1966.

- Table of contents translated:
- Plotovskiy, B.B. - A Vannic inscription relating to the founding of Ereblun found during the excavation of Karmir-Blun hill, p.3.
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MATERIAL'NAIA KULTURA AZERBAIDZHANA [MATERIAL CULTURE OF AZERBAIJAN]. Issued by Institut istorii Akademii nauk Azerbaidzhanskoi SSR [Institute of History of the Academy of Sciences of the Azerbaijan S.S.R.], Baku, vol. 6, 1965.

- Table of contents translated:
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5. SOCIAL SCIENCES

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- Contents. Rubins, A. E. [Trade policy of the "Common Market": Torgovaya politika "obshchego rynka." 70 p.]

- BUKHGALTERSKII UCHEB [ACCOUNTING].** Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, no. 3, Mar. 1966.

- Table of contents translated:
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- KOOPERATOR KAZAKHISTANA [THE COOPERATIVE WORKER OF KAZAKHISTAN].** Issued by Soluz pol'ovitel'skikh obshchestv Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S. S. R.]. Alma-Ata, vol. 8, nos 3-4, Mar.-Apr. 1966.

- SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION].** Issued by Tsentral'nyi soluz potrebiteiskikh obshchestv SSSR [Central Union of Consumers' Societies of the U. S. S. R.]. Moscow, vol. 10, no. 4, Apr. 1966.

- Table of contents translated.
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- Table of contents translated.
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- ZAKUPKI SEL'SKOKHOZIAISTVENNYKH PRODUKTOV [PURCHASES OF AGRICULTURAL PRODUCTS].** Issued by Gosudarstvennyi komitet zaptovok Soveta Ministrov SSSR [State Committee of Procurement of the Council of Ministers of the U. S. S. R.]. Moscow, no. 2, Feb. 1966.

- Table of contents translated:
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- Table of contents translated.
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- Exploitation of outer space continues. p. 7.
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- Table of contents translated:
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- Table of contents translated:
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EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 8, no. 5, May 1966.

- Table of contents translated.
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LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT MORSKOGO FLOTA. Informatsionnyi sbornik [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Information Bulletin]. No. 93, 1963. Uslovia kommercheskoi eksploatatsii morskogo flota v zagranichnom plavanii [Conditions for the Commercial Operation of the Merchant Marine in Foreign Waters]. No. 10. Contents: [Regulations, customs and practices of Japanese sea ports] Pravila, obyechi i praktika morskikh portov Japonii. Pt. 1. 90 p.

LIUDIES UKIS [THE NATIONAL ECONOMY]. Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S.S.R.] and others. Vilnius, no. 4(10), Apr. 1966. [In Lithuanian].

LITUOVOS TSR AUKSTUJO MOKYKLU MOKSLO DARBAI. EKONOMIKA. Uchylene zapiski vysshchikh uchebnykh zavedenii Litovskoi SSR. Ekonomika [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S.S.R. ECONOMICS]. Vilnius, vol. 5, no. 3, 1965.

MIROVAYA EKONOMIKA I MEZHUNARODNYE OTNOSHENiya [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1965.

- Table of contents translated.
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MOSCOW, INSTITUT NARODNOGO KHOZIAISTVA.
Trudy [INSTITUTE OF THE NATIONAL ECONOMY. Transactions] No. 35, 1965, Economic efficiency in industrial production.

- Table of contents translated.
- Skorik, S. - Long range planning for the level of labor productivity. p. 3.
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NOVAYA INOSTRANNAIA EKONOMICHESKAYA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]
Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 3, 1965.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]
Issued by Gosplan SSSR and SNKh SSSR [State Planning Committee of the U.S.S.R. and the Economic Council of the U.S.S.R.]. Moscow, vol. 13, no. 5, May 1966.

- Table of contents translated
- Editorial: A new stage in the development of the Soviet economy. p. 1.
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REFERATIVNYI SBOBNIK EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY]
Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1966.

RUSSIA (1923-) U.S.S.R.] Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady, vysshei shkoly, ekonomicheskoe nauchnoe [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics] Moscow, vol. 9, no. 2, 1966.

- Table of contents translated:
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- Table of contents translated:
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VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of Tsentral'noe statisticheskoe upravleniye SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no.4, 1966.

- Table of contents translated:
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FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol.40, no.4, Apr. 1966.

- Table of contents translated:
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- Table of contents translated:
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RABOTNITSA [THE WOMAN WORKER] Published by Izdatel'stvo "Pravda" Moscow, no. 1, Apr. 1966

RABOTNITSA I SIALANKA [THE WOMAN WORKER AND THE PEASANT WOMAN] Issued by Tsentral'nyy Komitet Kommunisticheskoy Partii Belorussii [Central Committee of the Communist Party of White Russia] Minsk, vol. 42, no. 4, Apr. 1966

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR] Issued by Gosudarstvennyi komitet Sovetskikh Ministrov SSSR po voprosam truda i zarabotnoi plati [State Committee of the Council of Ministers of the U. S. S. R. on Labor and Wage Problems], Moscow, vol. 11, no. 4, Apr. 1966

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SOVETSKIE PROFSSOIZY [SOVIET TRADE UNIONS] Issued by Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soiuзов [All-Union Central Council of Trade Unions], Moscow, vol. 22, no. 7(337), Apr. 1966

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Issued by Tsentral'nyi Komitet Kommunisticheskoy partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan] Baku, no. 3, Mar. 1966 [In Azerbaijani]

KAZACH'IA ZHIZN' [COSSACK LIFE] Issued by Vtoroi otdel Kazach'e-amerikanskogo naodnogo soiuza [Second Division of the Cossack American National Alliance, Inc., Providence, R.I., vol. 13, nos. 146, 154, June, Dec. 1965, vol. 14, nos. 155, 157, Jan., Mar. 1966

KAZAKHSTAN EILDERI [KAZAKHSTAN WOMAN] Alma-Ata, nos. 3-4, Mar.-Apr. 1966. [In Kazakh]

KOMSOMOL'SKAYA ZHIZN' [LIFE OF COMMUNIST YOUTH] Issued by Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, nos. 7-8, Apr. 1966

NOUKOGUDE NAINI [SOVIET WOMAN] Issued by EKP Keskkomitee [Central Committee of the Communist Party of Estonia], Tallinn, vol. 24, no. 5, May 1966. [In Estonian]

PADOMJA LATVIJAS SIEVIETE [WOMAN OF SOVIET LATVIA] Issued by Latvijas Komunistiskais partijas Centra Komiteja [Central Committee of the Communist Party of Latvia], Riga, nos. 10(146)-12(149), Oct.-Dec. 1964, no. 10(158), Oct. 1965, no. 4(164), Apr. 1966. [In Latvian]

RADIAN'SKA ZHINKA [SOVIET WOMAN] Kiev, vol. 21, no. 4(244), Apr. 1966

SMENA [THE YOUNGER GENERATION] Organ of Tsentral'nyy komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, vol. 43, nos. 5(934) - 10(936), Apr.-May 1966

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]

Issued by Ministerstvo sotsial'nogo obespechenia RSFSR [Ministry of Social Security of the R. S. F. S. R.], Moscow, vol. 41, no. 3, Mar. 1966

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SOVIET TURKMENISTANYN AIALARY [SOVIET TURKMENISTAN WOMAN] Organ of Turkmenistanyn Aialary [Central Committee of the Communist Party of Turkmenistan], Ashkhabad, nos. 2(15), 3(153), Feb - Mar 1966. [In Turkmenian]

SOVETSKAYA ZHENSCHINA [SOVIET WOMAN] Organ of Komitet sovetskikh zhenshchin i Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soiuзов [Central Committee of the Association of Soviet Women and the All-Union Central Council of Trade Unions], Moscow, nos. 5-6, 1966

SOVETSKII KRASNII KREST [SOVIET RED CROSS] Organ of Ispolnitel'nyi komitet Soiuza obshchestva Krasnogo Kresta i Krasnogo polumestatsionnogo [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U. S. S. R.], Moscow, vol. 10, nos. 1(85)-2(86), Jan.-Apr. 1966

ZHENSCHINY MIRA [WOMEN OF THE WORLD] Issued by Mezhdunarodnaya demokraticheskaya federatsiya zhenshchin [Women's International Democratic Federation], Berlin, no. 2, 1965, no. 1, 1966

6. POLITICAL SCIENCE

AGITATOR [AGITATOR] Issued by Tsentral'nyi Komitet Kommunisticheskoy partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union], Moscow, vol. 33, no. 8, Apr. 1966

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CHASOVYI [THE SENTRY]. Organ of Rossiiskoe natsional'nogo dvizheniya [Russian National Movement]. Moscow, no. 2(470), Feb. 1966.

EESTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Eesti Rahva Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 22, no. 4, Apr. 1966 [in Estonian].

KAZAKHSTAN KOMMUNIST [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 45, nos. 3-4, Mar.-Apr. 1966. [in Kazakh].

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soюза [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 43, no. 6, Apr. 1966.

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 Editorial: The 23d Congress of the CPSU, along Lenin's path toward communism. p. 3.
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KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 49, nos. 4(502)-5(503), Apr.-May 1966.

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 40, no. 4, Apr. 1966.

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KOMMUNIST UZBEKISTANA [COMMUNIST OF UZBEKISTAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 38, no. 4, Apr. 1966.

Table of contents translated.
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KOMMUNIST TOCHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, vol. 31, nos. 3-4, Mar.-Apr. 1966 [in Tajik].

MEZHIDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoyuznoe obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, vol. 13, no. 5, 1966.

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Issued by Tsentral'nyi Komitet Vsesoiuznogo leninskogo kommunisticheskogo soluzha molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 6, June 1964.

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NASHI DNI [OUR DAYS]. Frankfurt/Main, no. 35, 1966.

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PADOMJU LATVIJAS KOMUNISTI [COMMUNIST OF SOVIET LATVIA]. Issued by Latvijas Komunistiskais partijas Centraļa Komiteja [Central Committee of the Communist Party of Latvia]. Riga, vol. 21, nos. 4-5, Apr.-May 1966. [In Latvian]

PAJTILA TURMUSHI [PARTY LIFE]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, no. 2, Feb. 1966, nos. 3-4, Mar.-Apr. 1966. [In Uzbek]

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 9, May 1966

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PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by Tsentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 36, no. 4, Apr. 1966.

- Table of contents translated:
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POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 10, nos. 5-6, 1966

RUSSKOE DELO. RUSSIAN CAUSE. Issued by Predstavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol. 7, no. 11 (83), Nov 1965, vol. 8, nos. 3 (87)-5 (89), Mar.-May 1966.

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by the Newspaper "Tavesslin." Moscow, no. 5 (107), May 1966.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol. 41, nos. 3-4, Mar.-Apr. 1966. [In Turkmen]

UKRAINS'KYI SAMOSTIINYK [UKRAINIAN INDEPENDENT]. Munich, vol. 18, no. 10 (492), Oct. 1965, vol. 17, no. 3 (497), Mar. 1966.

UZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 38, nos. 3-4, Mar.-Apr. 1966. [In Uzbek]

VISNYK, THE HERALD. Organ of Organizatsiia oborony shotyrokhi svobodi Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol. 20, no. 5 (207), May 1966.

VOPROSY ISTORII KPSS [PROBLEMS IN THE HISTORY OF THE CPSU]. Organ of Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the CPSU]. Moscow, vol. 10, no. 5, May 1966.
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ZNAMIA ROSSII, organ russkoi nezavisimoi monarkhicheskoi mysl'i [THE BANNER OF RUSSIA, Organ of Russian Independent Monarchistic Thought]. New York, no. 266, May 1966.

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Latvian S. S. R. Zugsaka Padome. Zinat'ys [Supreme Soviet Gazette]. Moscow, nos. 8 (2149)-11 (2152), Feb.-Mar. 1966

LITHUANIAN S. S. R. Lietuvos Tarybu Socialistines Respublikos Aukščiausiosios Tarybos ir Vyriausybės žinios [Gazette of the Supreme Soviet and the Government of the Lithuanian S. S. R.]. Vilnius, nos. 33-36, Nov.-Dec. 1965, nos. 1-5, Jan.-Feb. 1966. [In Lithuanian]

LITHUANIAN S. S. R. Vedomosti Verkhovnogo Soveta i Pravitel'stva Litovskoi Sovetskoi Sotsialisticheskoi Respubliki [Gazette of the Supreme Soviet and the Government of the Lithuanian S. S. R.]. Vilnius, no. 36, Dec. 1964; nos. 33-35, Nov.-Dec. 1965, nos. 2-5, Jan.-Feb. 1966

- RADIANS'KE PRAVO [SOVIET LAW]. Organ of Verkhovnyi Sud USSR [Supreme Court of the Ukrainian S. S. R. and others]. Kiev, vol. 29, no. 4, Apr. 1966.
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RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sud, Bulletin' [Supreme Court Bulletin], Moscow, no. 5, 1966.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet Gazette], Moscow, vol. 10, nos. 13(301), 18(399)-19(397), Mar., May 1966

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi plati, Bulletin' [State Committee on Problems of Labor and Wages, Bulletin], Moscow, no. 4, 1966.

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RUSSIA (1923- U.S.S.R.) Verkhovnyi Sud, Vedomosti [Supreme Soviet Gazette], Moscow, vol. 20, no. 10 (1263), Mar. 1965, vol. 20, nos. 14(1308), 17(1311)-20(1314), Apr.-May 1966

SOVETSKAYA IUSTITSIA [SOVIET JUSTICE], issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.], Moscow, vol. 30, no. 8, Apr., 1966.
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KAZAKSTAN MEKTEBI [KAZAKHISTAN SCHOOLS] Organ of the Ministry of Education of the Kazakh S.S.R. Alma-Ata, vol. 41, no. 2, Feb. 1966, [in Kazakh]

LITERATURA PO PEDAGOGICHESKIM NAUKAM I NA-RODNOMU OBRAZOVANIU [LITERATURE ON THE PEDAGOGICAL SCIENCES AND PUBLIC EDUCATION], Jan.-Mar., 1966. Issued by Gosstatiznatsia biblioteka po narodnomu obrazovaniiu [State Library of Public Education], Moscow, no. 1(58), 1965.

NACHAL'NAYA SHKOLA [PRIMARY SCHOOL], Issued by Ministerstvo osvycheniia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, vol. 34, no. 4, Apr. 1966.

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NOUKOGUDE KOOL [SOVIET SCHOOL] Issued by Eesti Nookogude Sotsialistliku Vabariigi Haridusministeerium [Ministry of Education of the Estonian S. S. R.]. Tallinn, no. 5, May 1966. [In Estonian]

RADIANS'KA SHKOLA [SOVIET SCHOOL] Organ of Ministerstvo osvity Ukrainy krai RSR [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 14, no. 2, Feb. 1966.

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SKOLA UN ĢIMENE [SCHOOL AND FAMILY] Issued by LPSR Izglitības ministrija [Ministry of Education of the Latvian S.S.R.] Riga, no. 5 (29), May 1966. [In Latvian]

VESNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Moscow, vol. 24, no. 3, Mar. 1966.

Table of contents translated:
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ZHYTTIA I SHKOLA [LIFE AND SCHOOL]. Now Haven, vol. 12, no. 3/6 (103-106), Mar.-June 1966.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KULTURA V SHKOLAH [PHYSICAL EDUCATION IN SCHOOLS] Issued by Ministerstvo fizicheskoi i sportivnoi isobchevnoi [Ministry of Education of the U.S.S.R.]. Moscow, no. 4, 1966.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS] Organ of Tsentralnyi sovetskii sportivnyi obshchestvo i organizatsii SSSR [Central Council of the Union of Sports Societies and Organizations of the U.S.S.R.]. Moscow, no. 4 (11), Apr. 1966.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS] Organ of Soluz sportivnykh tovarystv i organizatsii USSR [Union of Sports Associations and Organizations in the Ukrainian S.S.R.]. Kiev, no. 1, Jan. 1966. [In Ukrainian]

KEHAKULTUUR [PHYSICAL CULTURE] Organ of Eesti NSV Spordiliituga ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S.S.R.]. Tallinn, vol. 20, no. 5 (110), Mar. 1965, vol. 27, nos. 5 (142), 7 (144)-8 (145), Mar.-Apr. 1966. [In Estonian]

LEGKATA ATLETIKA [TRACK AND FIELD ATHLETICS] Organ of Tsentralnyi sovetskii sportivnyi obshchestvo i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 11, no. 4 (11), Apr. 1966.

RYBOLOV-SPORTSMEN almanakh [THE ANGLER and the Fisherman]. Moscow, vol. 24, 1966.

SHAKHMATNYI BULLETEN' [CHESS BULLETIN] Organ of Shakhmatnaya federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 12, no. 4, Apr. 1966.

SHAKHMATY [CHESS] Issued by Soluz sportivnykh obshchestv i organizatsii and Shakhmatnaya federatsiia Latviala [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S.S.R.]. Riga, nos. 5 (140)-7 (141), Mar.-Apr. 1966.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaya federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 13, no. 1, Apr. 1966.

SPORT V SSSR [SPORTS IN THE U.S.S.R.]. Issued by the Periodical "Sovetskii Sport" ["Soviet Union"]. Moscow, no. 4 (36), 1966.

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA] Organ of Vsesoiuznyi sovetskii sportivnyi obshchestvo i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations]. Moscow, vol. 10, nos. 4-5, 1966.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of Tsentralnyi sovetskii sportivnyi obshchestvo i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 11, no. 2 (117), Feb. 1965; vol. 12, nos. 3 (130)-4 (131), Mar.-Apr. 1966.

START. Organ of Rada Soluz sportivnykh tovarystv i organizatsii Ukrainy [Council of the Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, no. 4, Apr. 1966.

TEORIYA I PRAKTIKA FIZICHESKOI KULTURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of Tsentralnyi sovetskii sportivnyi obshchestvo i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 20, no. 4, Apr. 1966.

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- Dunimovich, S. G., Aleev, L. S., Zborovskiy, V. I. - Bioelectric control system of man's active movements. p. 23.
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- Mel'nikov, A. S., Roman, R. A., Cherniak, A. V. - Reaction speed of the athletes' proficiency in sports in the course of many years of training. p. 30.
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9. MUSIC, THEATER & MOTION PICTURES

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- KINOMEKHANIK [MOTION-PICTURE OPERATOR] Issued by Gosudarstvennyi komitet Sovetskikh Ministrov SSSR po kinematografi [State Committee of the Council of Ministers of the U. S. S. R. for Motion Pictures] Moscow, no. 4, Apr. 1966.
- NOVYNY KINOKRANU [CINEMA NEWS]. Kiev, vol. 5, no. 3(14), Mar. 1965, nos. 3(56)-5(58), Mar. - May 1966.
- SOVITSKII EKRAK [THE SOVIET SCREEN]. Organ of Komitet po kinematografii pri Sovetskikh Ministrov SSSR and Soluz kinematografistov SSSR [Committee for Motion Pictures, Attached to the Council of Ministers of the U. S. S. R. and the Union of Motion-Picture Workers of the U. S. S. R.]. Moscow, no. 5(107), Mar. 1965, nos. 5(221)-6(226), Mar. 1966.
- SOVITSKII FIL'M [SOVIET FILMS]. Issued by Vsesoyuznoye ob'edineniye [All-Union Association] "Sovetskoye kinofilm." Moscow, no. 3(106), Mar. 1966.
- TEKHNIKA KINO I TELEVIDENIA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Gosudarstvennyi komitet Sovetskikh Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U. S. S. R. for Motion Pictures]. Moscow, vol. 10, no. 4, Apr. 1966.
- Table of contents translated:
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b. MUSIC

- MUZYKA L'NAIA ZHIZN' [MUSICAL LIFE] Organ of Soluz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U. S. S. R. and the Ministry of Culture of the U. S. S. R.]. Moscow, vol. 9, nos. 7-10, Apr. - May 1966.

c. THEATER

- KLUB I KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES]. Issued by Vsesoyuznyi Tsentral'nyi Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 15, nos. 6-7, Mar. - Apr. 1966.

- SOVETSKAIA ESTRADA I TSIRK [SOVIET STAGE AND CIRCUS] Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, no. 5(104), May 1966.

- TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soluz pisatel'ov SSSR [Ministry of Culture of the U. S. S. R. and Association of Writers of the U. S. S. R.]. Moscow, vol. 27, no. 3, Mar. 1966.
- Table of contents translated
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- Gusev, Petr. - Ballads, seminars, doubts.... p. 23.
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- TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.]. Moscow, nos. 8-9, Apr. - May 1966.

10. FINE ARTS

a. GENERAL

- DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U. S. S. R.]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, vol. 10, no. 4, 1966.

- ISKUSSTVO [ART] Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, vol. 20, no. 2, 1966.

- Table of contents translated:
- Bekasova, E. - Toward new achievements! p. 2.
- Despalova, N. - To our heroic people. p. 6.
- Golpenko, A. - Resemblance and expressiveness. p. 10.
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- MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury USSR [Ministry of Culture of the Ukrainian S. S. R.]. Kiev, vol. 13, no. 2(71), Apr. 1966.

- Table of contents translated:
- In the front line. p. 1.
- Rechmedin, V. - Intellectual treasury of the people. p. 2.
- Mul'dirzhanian, N. - Alive with the living. p. 3.
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- Ilan, T. A. - On theater stages. p. 12.
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- SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSSR and Gosudarstvennyi komitet Sovetskikh Ministrov Armianskoi SSSR po kinematografii [Ministry of Culture of the Armenian S. S. R. and the State Committee of the Council of Ministers of the Armenian S. S. R. for Motion Pictures]. Erikan, nos. 1-4, 1966 [In Armenian].

- SOVETSKOE FOTO [SOVIET PHOTO]. Issued by Soluz zhurnalistov SSSR [Association of Journalists of the U. S. S. R.]. Moscow, nos. 3-4, Mar. - Apr. 1966.

- TVORCHESTVO [CREATIVE WORK]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, nos. 2(110)-4(112), 1966.

b ARCHITECTURE

- ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.] Organ of Gosudarstvennyi komitet po gradodastvo-stroitel'stvo i arkhitktura pri Gos-struc SSSR and Soluz arkhitktorov SSSR [State Committee for Public Construction and Architecture, Attached to the State Planning Committee of the U.S.S.R.], and the Association of Architects of the U.S.S.R. | Moscow, no. 2, 1966
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LIETUVOS TSR / UKSTUJU MOKYKLU MOKSLO DARBAI KALBOTYRA Uchenye zapiski vysshih uchelnnykh zavedenii Litovskoi SSR [Lazko-nante [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S.S.R. LINGUISTICS]] Vilnius, vol. 13, 1965.

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNA NIU [NEW SOVIET LITERATURE ON LINGUISTICS] Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no. 12, 1964, no. 3, 1966.

PREPODAVANIE AZERBAIDZHANSKOGO IAZYKA I LITERATURY, metodicheskiy sbornik [TEACHING THE AZERBAIJANI LANGUAGE AND LITERATURE; Methodology] Supplement to the Magazine "Azerbaijani Mehtebi" Baku, no. 3, 1965 [In Azerbaijani]

RUSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN SCHOOLS] Issued by Ministerstvo prosvещения RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, no. 2, Mar.-Apr. 1966.

SOVETSKOE FINNO-UGROVEDENIE. SOVIET FINNO-UGRIC STUDIES. Issued by Akademiya nauk Estoniskoi SSR [Academy of Sciences of the Estonian S.S.R.], Tallinn, vol. 2, no. 1, 1966.

UKRAINS'KA MOVA I LITERATURA V SHKOLI [UKRAINIAN LANGUAGE AND LITERATURE IN SCHOOLS] Issued by Ministerstvo osvity URSS [Ministry of Education of the Ukrainian S.S.R.], Kiev, vol. 15, no. 3, Mar. 1965; vol. 10, nos. 4-5, Apr.-May 1966.

b. LITERATURE & FOLKLORE

ALA-TOO; Iterni no-khudozhestvenny i obshchestvenno-politicheskiy zhurnal [ALA-TAU, Literary and Sociopolitical Magazine]. Organ of Soluz pisatelei Kirgizii and Ministerstvo kultury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S.S.R.], Frunze, vol. 35, no. 4, Apr. 1966. [In Kirghiz]

AZERBAIJAN [AZERBAIJAN]. Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan], Baku, no. 3, Mar. 1966. [In Azerbaijani]

DAL'NI VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soluz pisatelei RSFSR [Khabarovsk Branch of the Association of Writers of R.S.F.S.R.], Khabarovsk, vol. 33, no. 2, Mar.-Apr. 1966.

DNIPO [DNEPER]. Organ of Tsentral'nyi komitet Leningrasko-komunisticheskogo soluzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine], Kiev, vol. 40, nos. 4-5, Apr.-May 1966.

DON. Organ of Soluz pisatelei RSFSR and Rostovskoe otdelenie Soluz pisatelei [Association of Writers of the R.S.F.S.R. and the Rostov Branch of the Association of Writers] Rostov-on-Don, vol. 10, nos. 4-5, Apr.-May 1966.

DROSHA [THE BANNER]. Published by the Publishing House of the Central Committee of the Communist Party of Georgia. Tiflis, no. 4(177), 1966. [In Georgian]

DRUZHBА NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.], Moscow, vol. 28, no. 4, 1960.

INOSTRANNAIA LITERATURA [FOREIGN LITERATURE]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.], Moscow, no. 3, Mar. 1966.

IUNOST' [YOUTH]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.], Moscow, vol. 12, no. 4(131), Apr. 1966.

KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnieku savieniba [Association of Writers of Latvia], Riga, no. 5, 1966 [In Latvian]

LITERATURNAA ARMENIA [LITERARY ARMENIA] Organ of Pravlenie Soluz pisatelei Arm-enii [Administration of the Association of Writers of Armenia], Eriivan, vol. 8, nos. 3-4, Mar.-Apr. 1966.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN] Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan], Baku, vol. 24, no. 1, Jan.-Feb. 1966

LITERATURNYI KIRGIZSTAN [LITERARY KIRGHIZ-ISTAN]. Organ of Soluz pisatelei Kirgizii [Association of Writers of Kirghizia], Frunze, vol. 12, no. 2, Mar.-Apr. 1966

LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanduse Liit [Association of Writers of the Estonian S.S.R.], Tallinn, no. 4, Apr. 1966. [In Estonian]

MOKSHA, Iterni no-khudozhestvenny i obshchestvenno-politicheskiy zhurnal [MOKSHA, Literary and Sociopolitical Almanac] Saransk, nos. 1-2, Jan.-Apr. 1966 [In Mordvinian]

MOLODAIA GVARDIYA, Iterni no-khudozhestvenny i obshchestvenno-politicheskiy zhurnal [YOUNG GUARD, Literary and Sociopolitical Magazine]. Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzu molodezhi [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, no. 4, Apr. 1966

MOSKVA [MOSCOW]. Organ of Soluz pisatelei RSFSR and Moskovskoe otdelenie Soluz pisatelei RSFSR [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers of the R.S.F.S.R.], Moscow, vol. 10, nos. 4-5, 1966

MOSTY, Iterni no-khudozhestvenny i obshchestvenno-politicheskiy n'emanakh [BRIDGES; Literary and Sociopolitical Almanac] Issued by Tsentral'noe ob'edinenie politicheskikh emigrantov iz SSSR [Central Association of Political Emigrants from the U.S.S.R.], Munich, vol. 12, 1966.

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soluz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.], Moscow, no. 4, Apr. 1966.

NEMAN [NEMAN RIVER]. Organ of Soluz pisatelei SSSR [Association of Writers of the White Russian S.S.R.], Minsk, vol. 13, nos. 5-6, May-June 1966.

NEVA. Organ of Soluz pisatelei RSFSR and Leningradskoe otdelenie Soluz pisatelei [Association of Writers of the R.S.F.S.R. and the Leningrad Branch of the Association of Writers], Leningrad, nos. 4-5, 1966.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 35, no. 4, 1966. [In Moldavian]

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, no. 3, 1966.

NOVYI MIR [THE NEW WORLD]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.], Moscow, vol. 41, no. 3, Mar. 1965

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- PERGALĖ [THE VICTORY]. Organ of Lietuvos TSR rašytojų sąjunga [Association of Writers of the Lithuanian S.S.R.]. Vilnius, no. 4, 1966 [In Lithuanian].
- POD'EM [UPSWING]. Issued by Voronezhskoe otdelenie Soluz pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R.S.F.S.R.]. Voronezh, no. 2, Mar.-Apr. 1966.
- POLIARNAYA ZVEZDA [THE NORTH STAR]. Organ of Soluz sovetskikh pisatelei IAPutli [Association of Writers of Yakutia]. Yakutsk, no. 2, Mar.-Apr. 1966.
- POLYMA [FLAME]. Organ of Soluz pis'mennikov BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 44, nos. 4-5, Apr.-May 1966.
- PRAPOR, Literaturno-khudozhestvenno-politicheskii zhurnal [BANNER, Literary and Sociopolitical Magazine]. Issued by Silka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kharkov, nos. 3-4, 1966.
- PROSTOR [WIDE-OPEN SPACES]. Issued by Soluz pisatelei and TsK LKSM Kazakhstana [Association of Writers and the Central Committee of the Lenin Communist Youth League of Kazakhstan]. Alma-Ata, vol. 35, nos. 4-5, Apr.-May 1966.
- PUNALIPPU [THE RED BANNER]. Issued by Soluz pisatelei Karelskoi ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, vol. 23, no. 2, 1966 [In Finnish].
- RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Instytut literatury im. T. H. Shevchenka Akademii nauk URSR and Silka pis'mennykh Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R. and the Association of Writers of the Ukraine]. Kiev, vol. 10, no. 3, Mar. 1966.
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- RADUGA [THE RAINBOW]. Organ of Pravleniye Soluz pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine]. Kiev, vol. 10, no. 5, May 1966.
- RUSSKAYA LITERATURA [RUSSIAN LITERATURE]. Issued by Institut russkoi literatury Akademii nauk SSSR [Institute of Russian Literature of the Academy of Sciences of the U.S.S.R.]. Leningrad, vol. 9, no. 1, 1966.
- SEVER [THE NORTH]. Issued by Soluz pisatelei Karelskoi ASSR and Arkhangel'skoe i Vologodskoe otdeleniye Soluz pisatelei RSFSR [Association of Writers of the Karelian A.S.S.R. and the Arkhangel and Vologda Branches of the Association of Writers of the R.S.S.R.]. Petrozavodsk, vol. 27, nos. 1-2, Jan.-Apr. 1966.
- SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol. 34, no. 3, 1966 [In Uzbek].
- SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Soluz pisatelei RSFSR and Novosibirskoe otdeleniye Soluz pisatelei [Association of Writers of the R.S.F.S.R. and the Novosibirsk Branch of the Association of Writers]. Novosibirsk, vol. 45, no. 1, 1966.
- SOVET EDEBİYATI [SOVIET LITERATURE]. Organ of Soluz sovetskikh pisatelei TSSR [Association of Soviet Writers of the Turkmen S.S.R.]. Ashkhabad, nos. 1-5, Apr.-May 1966. [In Turkmen].
- SOVETAKAN GRAKANIYUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Eriyan, no. 3, 1966 [In Armenian].
- SOVETSKAYA PECHAT' [SOVIET PRESS]. Issued by Soluz zhurnalov SSSR [Association of Journalists of the U.S.S.R.]. Moscow, no. 11, Nov. 1964.
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- Table of contents translated:
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NAKODNA TVORCHIST'YA ETNOGRAFIYA [FOLK ART AND ETHNOGRAPHY]. Issued by Institut mystel'stvo-znavstva, folkloru ta etnografi Akademii nauk URSR and Minister'stvo kul'tury Ukrains'koi RSR [Institute of the Arts, Folklore, and Ethnography of the Academy of Sciences of the Ukrainian S.S.R. and the Ministry of Culture of the Ukrainian S.S.R.]. Kiev, vol. 10, no. 2, 1966.

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- Table of contents translated:
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AKADEMIA NAUK SSSR. Izvestia. Seriya geograficheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geographical Series]. Moscow, no. 2, Mar.-Apr. 1966.

- Table of contents translated:
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- LENINGRAD, GOSUDARSTVENNYI GIDROLOGICHESKIY INSTITUT. Trudy [STATE HYDROLOGICAL INSTITUTE. Transactions]. No. 131, 1966. Problems of hydrometry.**
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- MOSCOW, UNIVERSITET. Vestnik. Seriya 5 Geografiya [UNIVERSITY. Review. Series 5. Geography]. Vol. 21, no. 2, Mar.-Apr. 1966.**
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- TASHKENT, UNIVERSITET. Nauchnye trudy [UNIVERSITY. Studies]. No. 266, 1964. Geograficheskie nauki [Geographical Sciences]. no. 31.**
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- AKADEMIYA NAUK AZERBAIDZHANSKOY SSR, Baku. Izvestiya. Seriya geologo-geograficheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIDZHAN S.S.R. Bulletin. Series in the Geological and Geographical Sciences and Petrology]. Baku, no. 5, 1963.**
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- Table of contents translated
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AKADEMIYA NAUK SSSR. Geologicheskii Institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Institute. Transactions]. Moscow, no. 110, 1966.

- Contents: Netburg, M. F. [Pernian flora of the Pechora Basin] Parnskaya flora Pechorskogo basseinu. Pt. 3; [Cordaites, Vojnovskiy, seeds of Gymnosperms of an undetermined systematic position (seeds of gymnospermum incertae sedis) [Kordaites (Cordaites) voynovskiy] (Vojnovskiy) semya gymnospermnykh nepredelennogo sistematicheskogo polozheniya (seeds of gymnospermum incertae sedis). 143 p.

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Contents: Dobolubova, T. A., Kakhovitch, N. V., Skutina, T. A. [Lower Cambrian corals of the Kuznetsk Usshi] Korally nizhnego karbona Kuznetskoi kotloviny. 275 p.

*GEOKHMIA [GEOCHEMISTRY] Issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no 4, Apr. 1964.

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***GEOLOGIA I GEOFIZIKA (GEOLOGY AND GEOPHYSICS).** Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.], Novosibirsk, no. 1, 1964.

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Table of contents translated:

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GEOTEKTONIKA [GEOTECTONICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, no. 2, Mar.-Apr. 1966.

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Table of contents translated:

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Table of contents translated:

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- MOSCOW, UNIVERSITY Vestnik. Seriya 1 Geologiya [UNIVERSITY REVIEW. Series 1: Geology]. Vol. 10, no. 2, Mar-Apr. 1961.
- Table of contents translated
- Floreskaya, V. N. - Geochemical principles of the origin of life. p. 3.
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- REFERATIVNYI ZHURNAL GEOLOGIIA [JOURNAL OF ABSTRACTS, GEOLOGY]. Issued by Institut Nauchnoi Informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, Apr.-May 1960.
- SOVETSKAYA GEOLOGIYA [SOVIET GEOLOGY]. Organ of Gosudarstvennyi geologicheskii komitet SSSR [State Geological Committee of the U.S.S.R.]. Moscow, vol. 9, no. 3, Mar. 1966.
- Table of contents translated.
- Radkevich, E. A., Chobdarov, M. V., Usenko, S. F. - Pince and time of granitoid igneous activity during the geosynclinal development of the southern part of the Far East. p. 3.
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- VESIOUZNOE MINERALOGICHESKOE OBSHCHESTVO. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. Annals]. Moscow, vol. 91, no. 3, 1965.
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- GENERAL.
- AKADEMIA NAUK ARMIAANSKOI SSR, Eriyan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Reports]. Eriyan, vol. 42, no. 1, 1966.
- Table of contents translated
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- AKADEMIA NAUK AZERBAIDZHANSKOI SSR, Baku. Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Reports]. Baku, vol. 21, no. 11, 1965.
- Table of contents translated
- Efendiyeva, A. A. - Behavior of solutions to the Cauchy problem for second-order differential equations in Banach space, with time tending to infinity. p. 3.
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- * AKADEMIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports]. Moscow, vol. 107, no. 4, Apr. 1960.
- Table of contents translated:
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MIR NAUKI [SCIENTIFIC WORLD]. Issued by the World Federation of Scientific Workers London, no. 1, 1966.

NAUKA I SUSPILSTVO [SCIENCE AND SOCIETY]. Issued by Tovarystvo "Znannia" Ukrain's'koj RSR ["Znannia" Society of the Ukrainian S.S.R.] Kiev, vol. 16, no. 4, Apr. 1966

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoyuznoe obshchestvo "Znanie" ["Knowledge" All-Union Society] Moscow, vol. 32, no. 4, Apr. 1966

NOVYE KNIGI ZA RUBEZHOM Series A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fizicheskaya geografiya [NEW FOREIGN BOOKS Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography] Moscow, vol. 19, no. 4, Apr. 1966

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ZNANIE - SILA [KNOWLEDGE IS POWER]. Issued by Gosstatstvennyi komitet po professional'no-tekhnicheskoi obzavovaniiu pri Gosplane SSSR [State Committee for Industrial Training, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 41, no. 1, Apr. 1966

ZNANNIA TA PRATISIA [KNOWLEDGE AND WORK]. Issued by Tsentralnyi komitet Leninskoho komunistychnoho solazu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League in Lenin]. Kiev, nos. 3(113)-5(115), Mar.-May 1966

b ASTRONOMY

AKADEMIIA NAUK KAZAKHSTANSKOI SSR, Alma-Ata, Astronomicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Astrophysical Institute Transactions]. Alma-Ata, no. 7, 1966. Problems of astrophysics and atmospheric optics.

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ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 43, no. 2, Mar-Apr. 1966.

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REFERATIVNYI ZHURNAL: GEODEZIYA (Oldel'nyi vypusk 52) [JOURNAL OF GEODESY (Separate Issue 52)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 4-5, Apr. - May 1966

REFERATIVNYI ZHURNAL: ISSLEDOVANIE KOSMICHESKOGO PROSTRANSTVA (Oldel'nyi vypusk 62) [JOURNAL OF ASTRONOMY: SPACE RESEARCH (Separate Issue 62)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 4, Apr. 1966.

ZEMLIA I VSELENNAYA [EARTH AND THE UNIVERSE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 2, no. 2, Mar. - Apr. 1966.

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of the U. S. S. R.]. Moscow, vol. 13, no. 2, Mar-Apr.
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- *RADIOBIOLOGIA [RADIOBIOLOGY]** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 6, no. 3, 1966.
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Table of contents translated:
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Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-8, May - April, 1968.
- РЕФЕРАТИВНИЙ ЖУРНАЛ: БІОЛОГІА [JOURNAL OF ABSTRACTS: BIOLOGY].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, April 1968.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshei shkoly; biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Biological Sciences].** Moscow, no. 2, 1966.
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Table of contents translated:
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- Table of contents translated:
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*USPEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 61, no. 2, Mar.-Apr. 1966.

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- Table of contents translated:
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- Table of contents translated:
- Leschenko, P. D. - Tasks in the field of the biology of nutrition in the light of the decision of the 19th Plenum of the Central Committee of the CPSU. p. 1.
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* VOPROSY VIROLOGII [PROBLEMS OF VIROLOGY].

Issued by Ministerstvo zdorovokhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 1, no. 1, Jan.-Feb. 1966.

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*AKADEMIA NAUK SSSR, Izvestia. Seriya khimicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Chemical Series]. Moscow, no. 4, 1966.

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- *KOLLOIDNYI JURNAL [COLLOID JOURNAL]. Issued by Akademii nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 26, no. 2, Mar.-Apr. 1966. Table of contents translated.
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- REFERATIVNYI JURNAL: KHIMIYA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut nauki i informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 5(1)-5(2), nos. 6(1)-6(2), nos. 7(1)-7(2), Mar.-May 1966. Avtorskii ukazatel' za 1964 g. [Author Index for 1964]. vol. 2, no. 1-A.
- *TEORETICHESKAYA I EKSPERIMENTAL'NAYA KHIMIYA [THEORETICAL AND EXPERIMENTAL CHEMISTRY]. Organ of Otdelenie khimii khimicheskoi tekhnologii Akademii nauk USSR [Department of Chemistry and Chemical Technology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 2, no. 1, 1966. Table of contents translated.
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- * UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL].** Issued by Akademiia nauk USSR [Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 32, no. 3, 1986.
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- Table of contents translated:
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LIEUVOS MATEMATIKOS RINKINYS. LITOVSKII MATEMATICHESKII SBORNIK [LITHUANIAN MATHEMATICAL PAPERS]. Issued by Lietuvos TSR Mokslu akademija and Lietuvos TSR aukstosios mokyklos [Academy of Sciences of the Lithuanian S. S. R. and the Institutions of Higher Learning of the Lithuanian S. S. R.]. Vilnius, vol. 3, no. 4, 1985.

MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Issued by Akademiya nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U. S. S. R. and the Moscow Mathematical Society]. Moscow, vol. 69(11), no. 4, Apr. 1986.

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METODY VYCHISLENIY [COMPUTATION METHODS].

Issued by Kafedra vychislitel'noi matematiki i vychislitel'nyi tsentr Leningradskogo gosudarstvennogo universiteta [Department of Computer Mathematics and the Computation Center of the Leningrad State University]. Leningrad, no. 3, 1986.

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- Table of contents translated:
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RUSSIAN INSTITUTIONS OF HIGHER LEARNING; MATHEMATICS. Moscow, no. 2(51), 1986.

- Table of contents translated:
- Areskin, G. I. A., Iagshmuradov, S. - Convergence of absolutely continuous functions and their derivatives. p. 3.

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- Table of contents translated:
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- Table of contents translated:
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AKADEMIYA NAUK SSSR. Izvestiya Mekhanika zhidkosti i gaza [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Mechanics of Liquids and Gas]. Moscow, no. 1, Jan.-Feb. 1966.

- Table of contents translated:
- Ladtkov, I. U. P. - Stability of a conducting fluid flow down an inclined plane in the presence of a magnetic field. p. 3.
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- *AKADEMIA NAUK SSSR. Izvestiya, Seriya fizicheskaya [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin, Physical Series]. Moscow, vol. 30, no. 4, Apr. 1988.
- Table of contents translated
- Vito, I. K. - Present-day representations of the mechanism underlying the recombination luminescence of alkali halide crystal phosphors. p. 584.
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- AKADEMIA NAUK SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln. Kosmicheskie dannye [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Terrestrial Magnetism, the Ionosphere, and Radio Wave Propagation. Cosmic Data]. Moscow, nos. 5(51)-6(52), May-June 1980.
- AKADEMIA NAUK SSSR. Mezhdunarodnyy geofizicheskiy komitet. Kosmicheskie luchy [ACADEMY OF SCIENCES OF THE U. S. S. R. Interdepartmental Geophysical Committee. Cosmic Rays]. Moscow, no. 8, 1985.
- Contents: Yakulov, P. V., Gorchakov, E. V., Logachov, I. U. I. [The earth's radiation belts as explored by means of Soviet artificial satellites and space rockets during 1967-1968] Radiatsionnye polina Zemli po issledovaniyam na sovetskikh isskusestvennykh spunikakh i kosmicheskikh raketakh v 1967-1968 gg. p. 112 p.
- AKADEMIA NAUK SSSR. Mezhdunarodnyy geofizicheskiy komitet. Meteorologicheskoe issledovaniye [ACADEMY OF SCIENCES OF THE U. S. S. R. Interdepartmental Geophysical Committee. Meteorological Studies]. Moscow, no. 12, 1986.
- Table of contents translated
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- AKTINOMETRICHESKII EZHEMESYACHNIK [ACTINOMETRIC MONTHLY]. Issued by Glavna geofizicheskaya observatoriya i Leningradskaya gidrometeorologicheskaya observatoriya [Main Geophysical Observatory and the Leningrad Hydrometeorological Observatory]. Leningrad, Feb. (pt. 1), 1985, paid, 1986.
- *AKUSTICHESKII ZHURNAL [JOURNAL OF ACOUSTICS]. Issued by Akademiya nauk SSSR [Academy of sciences of the U. S. S. R.]. Moscow, vol. 11, no. 4, 1985.
- Table of contents translated:
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*JADERNAYA FIZIKA JOURNAL OF NUCLEAR PHYSICS Issued by Akademiya nauk SSSR and Gosudarstvennyi komitet po ispol'zovaniyu atomnoy energii SSSR [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.] Moscow, vol. 3, no. 4, Apr. 1966.

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Table of contents translated.

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* MOSCOW. UNIVERSITET. Vestnik, Seriya 3: Fizika astronomiya [UNIVERSITY. Review, Series 3: Physics, Astronomy]. Vol. 21, no. 2, Mar.-Apr. 1966.

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REFERATIVNIYI ZHURNAL FIZIKA [JOURNAL OF ABSTRACTS PHYSICS]. Issued by Institut nauchnykh informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, vol. 1, Apr. 1966.

REFERATIVNIYI ZHURNAL GEOFIZIKA [JOURNAL OF ABSTRACTS GEOPHYSICS]. Issued by Institut nauchnykh informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, vol. 3-4, Apr.-May 1966

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*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni, radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics] Moscow, vol. 8, no. 6, 1965.

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- Contents: Dzhelapov, B. S., Drantayna, G. F. Zvel'ski, J. [Isobaric nuclei with atomic number A=157] izobarnye yadra s massovym chislom A=157. 101 p.
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Table of contents translated:

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Table of contents translated:

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Table of contents translated:

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* BULLETTEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.], Moscow, vol. 61, no. 2, Feb. 1966.

Table of contents translated:

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- KLINICHESKAYA MEDITSINA [CLINICAL MEDICINE]**
Published by Ministerstvo zdorov'ia SSSR (Ministry of Health of the U.S.S.R.). Moscow, vol. 17, nos. 2-3, Feb.-Mar. 1966 (DNLN).
- LENINGRAD, LENINGRADSKIY INSTITUT EPIDEMIOLOGII I MIKROBIOLOGII IM. PASTERA. Trudy [LENINGRAD PASTEUR INSTITUTE OF EPIDEMIOLOGY AND MICROBIOLOGY. Transactions].** Vol. 28, 1965.
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- MEDITSINSKAYA PARAZITOLOGIYA I PARAZITARNYE BOLEZNI [MEDICAL PARASITOLOGY AND PARASITIC DISEASES].** Issued by Ministerstvo zdorov'ia SSSR (Ministry of Health of the U.S.S.R.). Moscow, vol. 35, no. 1, Jan.-Feb. 1966.
- Table of contents translated.
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- *MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS] Issued by Ministerstvo zdorov'ia SSSR [Ministry of Health of the U. S. S. R.] Moscow, Razdel [Section] 2, vol. 10, no. 4, Apr. 1966. Razdel [Section] 3, vol. 10, no. 4, Apr. 1966. Razdel [Section] 4, vol. 10, no. 4, Apr. 1966. Razdel [Section] 7, vol. 10, no. 2, Feb. 1966. Razdel [Section] 8, vol. 10, no. 3, Mar. 1966. Razdel [Section] 9, vol. 10, nos. 2-3, Feb.-Mar. 1966. Razdel [Section] 9, vol. 10, no. 8, Aug. 1965. Razdel [Section] 10, vol. 10, no. 3, Mar. 1966. Razdel [Section] 11, vol. 10, no. 3, Mar. 1966. Razdel [Section] 12, vol. 12, nos. 4-5, Apr.-May 1966. Razdel [Section] 13, vol. 10, no. 3, Mar. 1966.
- MOSCOW, Pervyi Meditsinskii Institut, Trudy [First Medical Institute, Transactions], Vol. 17, 1962.
- Table of contents translated:
- Shemiakin, F. M. - Use of chromatography in chemical pharmaceutical industry. p. 7.
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- PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HORMONE THERAPY]. Issued by Ministerstvo zdorov'ia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 12, no. 2, Mar.-Apr. 1966.
- Table of contents translated:
- Liberman, L. L., Laroshevskii, I. U. A. - Free and bound insulin content of the blood in diabetes mellitus. p. 3.
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- SOVETSKAYA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstvo zdorov'ia SSSR [Ministry of Health of the U. S. S. R.], Moscow, vol. 29, no. 3, Mar. 1966.
- Table of contents translated:
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- Ficovskii, I.A. - Comprehensive study of the composition of kidney calculi. p. 3.
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- (DNLM)

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* VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Voennomeditsinskoe upravlenie Ministerstva oborony SSSR [Military-Medicine Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 3, Mar. 1966.

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- ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]** Issued by Ministerstvo zdorovokhraneniia Kazakhstana SSR [Ministry of Health of the Kazakh S.S.R.] Alma-Ata, vol. 26, nos. 2(239)-3(240) Feb.-Mar. 1966.
- ZDRAVOOKHRANENIE TADZHIKISTANA [HEALTH SERVICE OF TADZHIKISTAN]** Issued by Ministerstvo zdorovokhraneniia Tadzhikistana SSR [Ministry of Health of the Tajik S.S.R.] Dushanbe, vol. 13, no. 2(70), 1966.
- ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]** Organ of Ministerstvo zdorovokhraneniia TSSR [Ministry of Health of the Turkmen S.S.R.] Ashkhabad, vol. 8, no. 12(60), Dec. 1964, vol. 10, nos. 3(75)-1(76), Mar.-Apr. 1966.
- ZDOROV'E [HEALTH]** Issued by Ministerstvo zdorovokhraneniia SSSR [Ministry of Health of the U.S.S.R. and the R.S.F.S.R.], Moscow, vol. 12, nos. 3(135)-5(137), Mar.-May 1966.
- *ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOLOGY]** Issued by Ministerstvo zdorovokhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 3, no. 3, Mar. 1966.
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- c. NEUROLOGY & PSYCHIATRY**
- *ZHURNAL VYSSHEI NERVOI DEIATEL'NOSTI [JOURNAL ON HIGHER NERVOUS ACTIVITY]** Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 16, no. 2, Mar.-Apr. 1966.
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- VESTNIK OFTALMOLOGII [REVIEW OF OPHTHALMOLOGY]** Published by Ministerstvo zdorovokhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 76, no. 2, Mar.-Apr. 1966.

VESTNIK OTORINOLARINGOLOG [REVIEW OF OTORINOLARINGOLOGY] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 27, nos. 1-3, Jan.-June 1965 (DNLM)

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ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 28, no. 2, 1966.

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*PROBLEMY GEMATOLOGII I PERELIVANIYA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 7, 1965.

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VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHENNOI FIZICHESKOI KULTURY [PROBLEMS OF HEALTH RESORT THERAPY, PHYSICAL THERAPY, AND EXERCISE THERAPY] Moscow, vol 30, no. 2, Mar.-Apr. 1965.

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REFERATIVNYI ZHURNAL: FARMAKOLOGIIA KHIMIO-TERAPEVTICHESKIE SREDSIVA TOKSIKOLOGIIA (Odel'nyi vypusk 54) [JOURNAL OF ABSTRACTS PHARMACOLOGY CHEMOTHERAPEUTICALS, TOXICOLOGY (Separate Issue 54)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, Apr. 1966.

VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdorovokhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 11, no. 3, May-June 1965.

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*GIGIENA I SANITARIIA [HYGIENE AND SANITATION]. Issued by Ministerstvo zdorovokhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 31, no. 3, Mar. 1966.

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MEDITSINSKAYA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdoravookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 25, nos. 4-5, Apr.-May 1966

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- Table of contents translated.
- Lupovich, I. S., Naratov, S. T., Filipenko, I. V. - Problems of mechanizing the preparation and placement of fertilizers p. 5
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- Table of contents translated:
- Balandina, A. I., Tarannikova, O. I. - Traumatism and sanitary and hygienic conditions in the virgin land state farm "Krasnyi Oktabr'" of Pallasovka District of Volgograd Province p. 3
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- Table of contents translated:
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KAZAKSTANNY AUYL SIARUASHIYLYGY [KAZAKH- STAN AGRICULTURE]. Alma-Ata, no. 3, Mar. 1968, no. 4, Apr. 1968. [In Kazakh]

KHIMIYA V SEL'SKOM KHOZIAISTVE [CHEMISTRY IN AGRICULTURE]. Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR and Ministerstvo sel'skogo khozaistva SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R. and the Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. no. 4, Apr. 1968.

- Table of contents translated.
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KILIBOROD UKRAINY [THE FARMER OF THE UKRAINE]. Issued by Ministerstvo vyroblyvstva i zahalivni sil'skokhosyadai'skykh produktiv Ukrainy [Ministry of the Production and Procurement of Agricultural Products of the Ukrainian S.S.R.]. Kiev, no. 4, Apr. 1968.

KIROVABAD, AZERBAIDZHANSKIY SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AZERBAIDZHAN AGRICULTURAL INSTITUTE. Transactions]. Vol. 12, 1961. Series in zootechny.

- Table of contents translated:
- Agabelli, A. A., Guseinov, I. A. - Intrabreed types of buffaloes in connection with productivity, conformation, and physiological features. p. 5
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- KIROVABAD, AZERBAIDZHANSKIY SEL'SKOKHOZIAISTVENNYI INSTITUT. Uchenye zapiski [AZERBAIDZHAN AGRICULTURAL INSTITUTE. Studies]. No. 1, 1964. Series in mechanization.
- Table of contents translated:
- Mamedaliev, M. R., and others. - Extensive field experiments in the precision planting of cotton seeds. p. 3

- Kurbanov, K. A. - Basic qualitative indices of harvesting grain by stages in western areas of Azerbaijan. p. 11.
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- KOLKHOZNO-SOVKHOZNOE PROIZVODSTVO MOLDAVII [COLLECTIVE AND STATE FARM PRODUCTION OF MOLDAVIA].** Issued by Ministerstvo sel'skogo khozaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 11, no. 4, Apr. 1966.
- MEKHANIZATSIYA SEL'SKOGO HOSPODARSTVA [MECHANIZATION OF AGRICULTURE]** Organ of Ukrains'ke ob'ednannya Rady Ministriv USSR "Ukrains'kospetkhnika" [Ukrainian Association "Ukrains'kospetkhnika" of the Council of Ministers of the Ukrainian S.S.R.]. Kiev, vol. 17, no. 5, May 1966.
- MEZHODUNARODNYI SEL'SKOKHOZIAISTVENNYI ZHURNAL [INTERNATIONAL AGRICULTURAL JOURNAL].** Issued by Poytolannata komissia po sel'skomu khozaistvu Soveta ekonomicheskoi vzaimopomoshchi [Permanent Committee on Agriculture of the Council for Mutual Economic Assistance]. Moscow, vol. 9, no. 1, 1965.
- *POCHVOVEDENIE [SOIL SCIENCE]** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1966.
- Table of contents translated:
- Gerasimov, I. P. - World soil map and scientific problems connected with it. p. 1.
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- Amartan, L. S., Bazin, E. T., Lishtvyn, I. I. - Studying the swelling mechanism of peats of a low degree of decomposition. p. 24.
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- Bibliography. p. 105.
- PRODUKTSIYA KOLKHOZNIKO-SOVKHOZNIKA MOLDOVII [COLLECTIVE AND STATE FARM PRODUCTION OF MOLDAVIA]** Issued by the Ministry of Agriculture of the Moldavian S.S.R. | Kishinev, vol. 10, no. 12, Dec 1965, vol. 11, no. 4, Apr. 1966 [in Moldavian].
- (DNAL)
- SARATOV, INSTITUT MEKHANIZATSIY SEL'SKOGO KHOZAISTVA. Trudy [INSTITUTE OF THE MECHANIZATION OF AGRICULTURE. Transactions].** No. 33, pt. 2, 1964.
- Table of contents translated:
- Ivanov, V. N. - Perturbations of closed linear operators in the case of a large parameter. p. 3.
- Ivanov, V. N. - Spectra of sequences of closed linear operators. p. 17.
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- SBORNIK TRUDOV PO AGRONOMICHESKOI FIZIKE [P. PERS ON AGRICULTURAL PHYSICS].** Issued by nauchno-issledovatel'skii institut [scientific research institute] Moscow, no. 11, 1965. Hydrophysics and soil structure.
- Table of contents translated:
- Dorogin, B. V., Neipin, S. V., Churav, N. V. - Theory of the evaporation of moisture from capillaries with calculations for the molecular movement of moisture. p. 5.
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- SEL'SKOE KHOZAISTVO, sistematicheskii ukazatel'stvoi v knozhnykh zhurnalakh [AGRICULTURE, Classified Index of Articles in Foreign Periodicals]** Issued by Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka i Vsesoyuznaya gosudarstvennaya biblioteka inostrannoi literatury [Central Agricultural Library and the All-Union State Library of Foreign Literature]. Moscow, no. 2(120), 1966.
- SEL'SKOE KHOZAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]** Issued by Ministerstvo sel'skogo khozaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 14, nos. 6(191)-9(201), May 1966.
- SEL'SKOE KHOZAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, nos. 4-5, Apr.-May 1966.
- SEL'SKOE KHOZAISTVO KIRGIZII [AGRICULTURE OF KIRGIZIA]** Issued by Ministerstvo sel'skogo khozaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol. 12, nos. 4-5, Apr.-May 1966.
- SEL'SKOE KHOZAISTVO ROSSII [AGRICULTURE OF RUSSIA]** Issued by Ministerstvo sel'skogo khozaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Moscow, nos. 4-5, Apr.-May 1966.
- SEL'SKOE KHOZAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]** Organ of Ministerstvo sel'skogo khozaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Dushanbe, vol. 20, no. 5, May 1966.
- SEL'SKOE KHOZAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN]** Issued by Ministerstvo sel'skogo khozaistva Turkmeneskoi SSR [Ministry of Agriculture of the Turkmen S.S.R.]. Ashkhabad, vol. 10, nos. 2, 4, Feb.-Apr. 1966.
- SEL'SKOE KHOZAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN]** Issued by Ministerstvo sel'skogo khozaistva Uzbekeskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, no. 3, Mar. 1966.
- SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.].** Issued by Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka [Central Agricultural Library]. Moscow, no. 2, 1966.
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO NECHERNOZEMNOI ZONY [AGRICULTURAL PRODUCTION OF THE NON-CHERNOZEM ZONE].** Organ of Ministerstvo sel'skogo khozaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Moscow, vol. 4, nos. 4-5, Apr.-May 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO POVOLZH'IA [AGRICULTURAL PRODUCTION OF THE VOLGA VALLEY]. Issued by Ministerstvo sel'skogo khoz-va RSFSR [Ministry of Agriculture of the U.S.S.R.] Stavropol', vol. 4, nos. 1-5, Apr.-May 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SILVERNOGO KAVKAZA I S'KH [AGRICULTURAL PRODUCTION OF THE MOUNTAIN CAUCASUS AND THE CENTRAL CHERKESIA REGION]. Organ of Ministerstva sel'skogo khoz-va RSFSR [Ministry of Agriculture of the U.S.S.R.] Krasnodar, vol. 1, nos. 3-6, Mar.-Jun. 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SIBIRI I DAL'NEGO VOSTOKA [AGRICULTURAL PRODUCTION OF SIBERIA AND THE FAR EAST]. Issued by Ministerstvo sel'skogo khoz-va RSFSR [Ministry of Agriculture of the U.S.S.R.] Omsk, vol. 10, no. 1, Apr. 1966.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO URALA [AGRICULTURAL PRODUCTION OF THE URALS]. Organ of Ministerstva sel'skogo khoz-va RSFSR [Ministry of Agriculture of the U.S.S.R.] Sverdlovsk, vol. 1, nos. 4-5, Apr.-May 1966.

SOTSIALISTIKA PÖLLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Põllumajandus-Ministrium [Ministry of Agriculture of the Estonian S.S.R.] Tallinn, vol. 21, nos. 7-8, Apr. 1966. [In Estonian]

TIFLIS, GRUZINSKII NAUCHNO-ISSLEDOVATELSKII INSTITUT MEKHANIZATSII I ELEKTRIFIKATSII SEL'SKOGO KHOZIAISTVA. Trudy [GEORGIAN SCIENTIFIC RESEARCH INSTITUTE FOR THE MECHANIZATION AND ELECTRIFICATION OF AGRICULTURE Transactions]. Vol. 9, no. 2, 1963.

Table of contents translated:

Vachishvili, S. I., and others. - Complex of machines for the mechanization of basic agricultural processes in the mountain zone of the U.S.S.R. p. 3.

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TESLINOGRAD, SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE, Transactions]. Vol. 3, no. 3, 1965. Mechanization and electrification of agriculture.

Table of contents translated:

Bok, N. B. - Kinematics of link gear. p. 3.

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VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sel'skogo khoz-va SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 10, no. 3, Mar. 1965.

Table of contents translated:

Lobanov, P. P. - Raise agricultural science to the level of modern tasks. p. 1.

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- Table of contents translated:
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MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Prolsotvura rabochikh lesnoi, bumazhnoi i derevozbratnyvalushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries] Moscow, vol. 10, nos. 1-5, Apr.-May 1966.

REFERATIVNYI JURNAL' LESOVEDENIE I LESOVODSTVO (Odel'nyi vypusk 56) [JOURNAL OF ABSTRACTS FORESTRY AND FOREST MANAGEMENT (Separate Issue 56)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.] Moscow, nos. 3-4, Mar.-Apr. 1966.

VSESIOUZNIY NAUCHNO-ISSEDOVATELSKII INSTITUT AGROLESOMELIORATSI [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF LAND IMPROVEMENT THROUGH AFFORESTATION]. Papers. No. 43, 1963. Problems in shelterbelt forestry, materials of the expanded conference of the Scientific Council dedicated to the 30th anniversary of the All-Union Scientific Research Institute of Land Improvement Through Afforestation.

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LENINGRAD. VSESOUZNYI INSTITUT RASTENIEVODSTVA. Sbornik trudov [ALL-UNION INSTITUTE OF PLANT CULTURE. Papers]. No 2, 1964. Immunity of farm plants.

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SUBTROPICHESKIE KULTURY [SUBTROPICAL CROPS]. Issued by Vsesoiuznyi nauchno-isledovatel'skii institut chail i subtropicheskikh kul'tur [All-Union Scientific Research Institute of Tea and Subtropical Crops]. Makharadze, no. 4, 1965.

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ZASHCHITA RASTENII [PROTECTION OF PLANTS]

Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Chelovek, vol. 11, no. 2, 1966.

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* INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]. Issued by Akademiya nauk BSSR [Academy of Sciences of the White Russian S. S. R.]. Minsk, vol. 10, no. 2, Feb. 1966.

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* DEFEKTOSKOPIA [DEFECTOSCOPY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Sverdlovsk, vol. 1, no. 6, 1965.

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- MATERIALY I DOKUMENTY PO ISTORII STANDARTIZATSII [MATERIALS AND DOCUMENTS ON THE HISTORY OF STANDARDIZATION]. Issued by Tekhnicheskoe upravlenie Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR [Technical Administration of the State Committee of Standards, Measures, and Measuring Instruments of the U. S. S. R.]. Moscow, no. 2, 1965.
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- Table of contents translated.
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 viddeleniye Radians'kogo natsional'nogo ob'ednaniya
 Istorikov prirody i tekhniki [Ukrainian
 Branch of the Soviet National Association of the
 Historians of Natural Sciences and Technology].
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- Table of contents translated.
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 Ministers of the Latvian S.S.R. for the Coordination
 of Research] and others. Riga, no. 12 (65), Dec. 1965;
 no. 4 (66), Apr. 1966.**

**NOVOCHERKASSK. POLITEKHICHESKII INSTITUT.
 Trudy [POLYTECHNIC INSTITUTE, Transactions].
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- Table of contents translated:
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REFERATIVNYI ZHURNAL NAUCHNAIA I TEKHNIЧЕСКАЯ ИНФОРМАЦИЯ (Oldeniyi vypusk 59) [JOURNAL OF ABSTRACTS SCIENTIFIC AND TECHNICAL INFORMATION (Separate Issue 59)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.2, May 1966.

TEKHNIЧЕСКАЯ ЭСТЕТИКА [INDUSTRIAL AESTHETICS]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut tekhnicheskoi estetiki [All-Union Scientific Research Institute of Industrial Aesthetics]. Moscow, vol.3, no.2, Feb. 1966.

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VSESIOUZNYI SOVET NAUCHNO-TEKHNIЧЕСКИХ ОБОЗНАЧЕНИЙ. Nauchno-tekhnicheskie obshchestva SSSR [ALL-UNION COUNCIL OF SCIENTIFIC TECHNOLOGICAL SOCIETIES, Scientific Technological Societies of the U.S.S.R.]. Moscow, vol.8, no.4(88), Apr. 1966.

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(Separate Issue 34)]. Issued by Institut nauchnoi
informatsii Akademii nauk SSSR [Institute of Scien-
tific Information of the Academy of Sciences of the
U.S.S.R.]. Moscow, no. 4, Apr 1966.

REFERATIVNYI ZHURNAL: RAKETOSTROENIE (Oldeniyi
vypusk 41) [JOURNAL OF ABSTRACTS: ROCKET
BUILDING (Separate Issue 41)]. Issued by Institut
nauchnoi informatsii Akademii nauk SSSR [Institute
of Scientific Information of the Academy of Sciences
of the U.S.S.R.]. Moscow, no. 4, Apr. 1966.

REFERATIVNYI ZHURNAL: VOZDUSHNYI TRANSPORT
[JOURNAL OF ABSTRACTS: AIR TRANSPORTATION]
Issued by Institut nauchnoi informatsii Akademii nauk
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parts].

CHEMICAL TECHNOLOGY

*ATOMNAYA ENERGIA [ATOMIC ENERGY]. Issued
by Akademiya nauk SSSR i Gosudarstvennyi komitet
po ispol'zovaniyu atomnoi energii SSSR [Academy of
Sciences of the U.S.S.R. and the State Committee on
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MOSCOW, VSESIOIUNYI NAUCHNO-ISSLEDOVATELSKI IN KONSTRUKTORSKI INSTITUT KHIMICHESKOGO MASHINOSTROENIYA. Tudy [ALL UNION SCIENTIFIC RESEARCH AND DESIGN INSTITUTE OF CHEMICAL ENGINEERING, Transactions]. No. 46, 1964, Study and design of apparatus for the production of polymeric materials.

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- Table of contents translated:
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LENINGRAD, VESOLUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI. Izvestiia [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING. Bulletin]. Vol. 74, 1964.

- Table of contents translated:
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STROITEL'NYE KONSTRUKTSII [BUILDING STRUCTURES] Issued by Nauchno-issledovatel'skiy institut stroitel'nykh konstruktivov SSSR [Scientific Research Institute of Building Structures of the State Committee for Construction of the U.S.S.R.]. Moscow, no. 3, 1965.

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PROMYSHLENNAYA ENERGETIKA [INDUSTRIAL POWER] Organ of Ministerstvo energetiki i elektrifikatsii SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Ministry of Power and Electrification of the U. S. S. R. and the Scientific Technological Society of the Power Industry]. Moscow, vol. 21, no. 4, Apr. 1966

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REFERATIVNYI ZHURNAL, ELEKTRONIKA I EEE PRIMENENIE [JOURNAL OF ABSTRACTS ELECTRONICS AND ITS APPLICATIONS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos 3-4, Mar-Apr 1966

REFERATIVNYI ZHURNAL IADERNYE REAKTORY (Oldeniyi vypusk 50) [JOURNAL OF NUCLEAR REACTORS (Separate Issue 50)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos 3-4, Mar-Apr 1966

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- REFERATIVNYI ZHURNAL. LEGKAIYA PROMYSHLENNOST'** [JOURNAL OF ABSTRACTS. LIGHT INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1966.
- SLUZHBA BYTA** [SERVICE INDUSTRIES]. Issued by Ministerstvo bytovogo obsluzhivaniia naselenia RSFSR and TsK Profsoyuzov rabotnikov kommunal'no-bytovykh predpriyati [Ministry of Service Industries of the R.S.F.S.R. and the Central Committee of the Trade Union of Workers of Service Enterprises]. Moscow, vol. 4, nos. 4-5, Apr.-May 1966.
- *SVAROCHNOE PROIZVODSTVO** [WELDING PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po nauche i tekhnike [State Committee of the Council of Ministers of the U.S.S.R. for Sciences and Technology] and others. Moscow, no. 2(350), Feb. 1966.
- Table of contents translated.
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- Table of contents translated:
- Shtern, I.A., Plotnikov, I.V., Pavlov, S.A. - Use of carboxyl containing rubber in the manufacture of artificial leather for shoe uppers. p. 3.
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- Table of contents translated
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- MECHANICAL ENGINEERING
- AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet avto-trakornogo i sel'skokhoziaistvennogo mashinostroyeniya pri Gosplane SSSR [State Committee for the Tractor and Agricultural Machinery Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 32, no. 3, Mar. 1966.
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- AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Ministerstvo avtomobil'nogo transporta i shosseynykh dorog RSFSR and Tsentral'nyi komitet Profsoyuza rabotnikov svyazi, rabochikh avtomobil'nogo transporta i shosseynykh dorog [Ministry of Automotive Transport and Highways of the R. S. F. S. R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 44, no. 3, Mar. 1966.
- Table of contents translated:
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- Contents: Ershkov, O. P. [Calculating the lateral horizontal forces on curves] Raschet poperechnykh gorizontallykh sil v krivyykh. 234 p.
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REFERATIVNYI ZHURNAL Dvigatel' Vnutrennego Sgoraniia [JOURNAL OF ABSTRACTS INTERNAL COMBUSTION ENGINES] (Separate Issue 39). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL Fotokinetika [JOURNAL OF ABSTRACTS PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT] (Separate Issue 46). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL Kommunal'noe, Bytovoe i Torgovoe Oborudovanie [JOURNAL OF ABSTRACTS COMMUNAL, HOUSEHOLD, AND COMMERCIAL EQUIPMENT] (Separate Issue 33). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL KOTLOSTROENIE (Otdel'nyi vypusk 12) [JOURNAL OF ABSTRACTS BOILER MANUFACTURE] (Separate Issue 42). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL Mashinostroenie i Raschet Detal' Mashin [JOURNAL OF ABSTRACTS MATERIALS AND MACHINERY MANUFACTURE AND THE DESIGN OF MACHINE PARTS. HYDRAULIC DRIVE] (Separate Issue 18). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL Masosostroenie i Kompessorostroenie (Otdel'nyi vypusk 61) [JOURNAL OF ABSTRACTS MANUFACTURE OF PUMPS AND COMPRESSORS] (Separate Issue 61). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL O.Oborudovanie Pishchevoi Promyshlennosti (Otdel'nyi vypusk 38) [JOURNAL OF ABSTRACTS EQUIPMENT OF THE FOOD INDUSTRY] (Separate Issue 38). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL Promyshlennyi Transport [JOURNAL OF ABSTRACTS INDUSTRIAL TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966. [Author Index for 1965]

REFERATIVNYI ZHURNAL Stroitel'nye i Dorozhnye Mashiny (Otdel'nyi vypusk 60) [JOURNAL OF ABSTRACTS CONSTRUCTION EQUIPMENT AND ROAD MACHINERY] (Separate Issue 60). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL Tekhnologiya i Oborudovanie Tseliulozno-Bumazhnogo i Poligraficheskogo Proizvodstva (Otdel'nyi vypusk 37) [JOURNAL OF ABSTRACTS TECHNOLOGY AND EQUIPMENT OF THE WOODPULP, PAPER, AND PRINTING INDUSTRY] (Separate Issue 37). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL Tekhnologiya Mashinostroeniia [JOURNAL OF ABSTRACTS TECHNOLOGY OF MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1966.

REFERATIVNYI ZHURNAL Teploenergetika [JOURNAL OF ABSTRACTS HEAT ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1966.

REFERATIVNYI ZHURNAL Traktory i Sel'skokhoziaistvennye Mashiny i Orudia (Otdel'nyi vypusk 44) [JOURNAL OF ABSTRACTS TRACTORS AND AGRICULTURAL MACHINERY AND EQUIPMENT] (Separate Issue 44). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL Truboprovodnyi Transport (Otdel'nyi vypusk 45) [JOURNAL OF ABSTRACTS PIPELINE TRANSPORTATION] (Separate Issue 45). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966. [Subject Index for 1965]

REFERATIVNYI ZHURNAL Turbostroenie (Otdel'nyi vypusk 49) [JOURNAL OF ABSTRACTS TURBINE MANUFACTURE] (Separate Issue 49). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, Mar. 1966.

REFERATIVNYI ZHURNAL Voprosy Tekhnicheskogo Progreessa i Organizatsii Proizvodstva v Mashinostroenii (Otdel'nyi vypusk 15) [JOURNAL OF ABSTRACTS PROBLEMS OF TECHNICAL PROGRESS AND THE ORGANIZATION OF PRODUCTION IN THE MACHINERY INDUSTRY] (Separate Issue 35). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966.

REFERATIVNYI ZHURNAL Vzaïmnoe Vliianie Raznykh Vidov Transporta i Kontinentalnykh Revozki (Otdel'nyi vypusk 51) [JOURNAL OF ABSTRACTS CONTAINER SHIPMENTS AND THE INTERACTION OF VARIOUS TYPES OF TRANSPORTATION] (Separate Issue 51). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966. [Predmetnyi ukazatel' za 1965 g. [Subject Index for 1965]]

REFERATIVNYI ZHURNAL Zhizelnost' i Transport [JOURNAL OF ABSTRACTS LIFE AND ROAD TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1966. [Avtorit'nyi ukazatel' za 1965 g. [Author Index for 1965]. This journal is also issued in parts.]

***STANKI I INSTRUMENT** [MACHINE TOOLS AND CUTTING TOOLS]. Organ of Gosudarstvennyi nauchno-issledovatel'skii tsentr mashinostroeniia pri Gosplan SSSR and Tekhnicheskii pravleniye Nauchno-tekhnicheskogo obshchestva i khimicheskoi promyshlennosti [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 31, no. 4, Apr. 1966.

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*FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND METALLOGRAPHY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol. 21, no. 3, Mar. 1966.

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SSSR [Siberian Department of the Academy of
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nyy nauchno-issledovatel'skii institut tekhniko-ekonomi-
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i gazovoi promyshlennosti [Central Scientific
Research Institute of Technological-Economic Studies
on the Petroleum, Petrochemical, and Gas Industry].
Moscow, no. 3, 1955.

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*** LITNOE PROIZVODSTVO [FOUNDRY INDUSTRY].**

Organ of Gosudarstvennyi komitet po chernoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 3, Mar. 1968.

Table of contents translated:

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- MOSCOW, INSTITUT STALI I SPLAVOV. Sbornik [STEEL AND ALLOYS INSTITUTE. Papers]. No. 41, 1968. Physical chemistry of metallurgical processes and systems.
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- Table of contents translated:
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*POROSHIKOVAIA METALLURGIYA [POWDER METALLURGY]. Organ of Institut metalloberazovaniya i spetsialnykh splavov AN USSR [Institute of Ceramic Metals and Special Alloys of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol. 6, no. 1(10), Apr. 1966

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REFERATIVNYI ZHURNAL GORNYE MASHINY [JOURNAL OF ABSTRACTS: MINING MACHINERY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 3-4, Mar.-Apr. 1966.

*REFERATIVNYI ZHURNAL METALLURGIYA [JOURNAL OF ABSTRACTS: METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 3-4, Mar.-Apr. 1966. Avtorskii ukazatel' za 1965 g. [Author Index for 1965]

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17. MILITARY & NAVAL SCIENCES

A. MILITARY SCIENCE

KOMMUNIST VOORUZHENNIKI SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Gavnnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 47, no. 8, Apr. 1966.

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NASHI VESTI [OUR NEWS]. Published by Soizuz chinov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol. 22, nos. 230, 239, Feb., Apr. 1966.

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, nos. 4(68)-5(69), Apr.-May 1966.

TEKHNIKA I VOORUZHENIE [TECHNOLOGY AND ARMAMENTS]. Organ of Ministerstva oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 6, Sep. 1966.
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TYL I SNAJBZHENIE SOVETSKIKH VOORUZHENNYKH SIL [THE REAR AND SUPPLY OF THE SOVIET ARMED FORCES] Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.], Moscow, vol. 26, no. 3, May 1966

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VESTNIK Pervopokhodnika [HERALD OF THE FIRST CAMPAIGN VETERANS]. Issued by Pravleniye Kaliforniyskogo obshchestva uchastnikov 1-go Kubanskogo generala Kornilova pokhoda [Administration of the California Association of Veterans of General Kornilov's First Kuban Campaign]. Los Angeles, no. 53/54, Feb.-Mar. 1966.

VESTNIK PROTIVOVOZDUSHNOI OBORONY [AIR DEFENSE REVIEW]. Published by Voennoe izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U. S. S. R.], Moscow, no. 4, Apr. 1965.

Table of contents translated:
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VOENNYE ZNANIYA [MILITARY KNOWLEDGE]. Issued by Vsesoyuznoe dobrovol'noe obshchestvo sodel'stviya armii, aviasii i floty [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy], Moscow, vol. 42, no. 4, Apr. 1966.

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b NAVAL SCIENCE

LENINGRAD, TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT MORSKOGO FLOTA. Informatsionnyy sbornik [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Information Bulletin], No. 142, 1965. Tekhnicheskaya eks-pluatatsiya morskogo flota [Technical Operation of Merchant Ships], no. 39. Sudovaya elektrotehnika [Marine electric engineering].

- Table of contents translated:
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- Table of contents translated:
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- SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 47, no. 10 (1030), Aug. 1965.
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List of Periodicals Indexed and Abbreviations Used

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Agitator (8)	Agitator [Agitator]	Biul. Min. vys. i sred. spets. obr. SSSR (8a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]
Agrokhimia (15a)	Agrokhimia [Agrochemistry]	Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. (16a)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [State Scientific Research Institute for Scientific and Technical Information. Bulletin of Technical and Economic Information]
Aktinometr. ezhem. (13f)	Aktinometricheskii ezhestestvennik [Actinometric Monthly]	Biul. Verkh. Suda (7)	Russia (1923- U.S.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]
Akust. zhur. (13f)	Akusticheskii zhurnal [Journal of Acoustics]	Biul. Verkh. Suda RSFSR (7)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]
Antibiotiki (14f)	Antibiotiki [Antibiotics]	Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Apt. delo (14f)	Apteknoe delo [Pharmacy]	Bud. mat. i konstr. (16d)	Budiveln'i materialy i konstruktii [Building Materials and Construction Elements]
Ark. pat. (14e)	Arkiv patologii [Archives of Pathology]	Bukhg. uch. (5a)	Bukhgalterskii uch. [Accounting]
Arkheol. sbor. [Efm.] (4b)	Arkheologicheskii sbornik [Archaeological Papers] issued by Gosudarstvennyi Ermitazh.	Bum. prom. (16f)	Iskazhennaya promyshlennost' [Paper Industry]
Arkhit. SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]	Buren. (16h)	Buren. [Drilling]
Astron. zhur. (13b)	Astronomicheskii zhurnal [Journal of Astronomy]	Defekt. skopliia (16a)	Defektoskopiia [Defectoscopy]
Atom. energ. (16e)	Atomnaya energiya [Atomic Energy]	Den. i kred. (6c)	Den'gi i kredit [Money and Credit]
Av. i kosm. (16b)	Aviatsiia i kosmonavtika [Aviation and Astronautics]	Der. prom. (16f)	Derevoobrabatovushchaya promyshlennost' [Woodworking Industry]
Avi. prom. (10g)	Avtomobil'naya promyshlennost' [Automobile Industry]	Dif. urav. (13e)	Differentsial'nye uravneniia [Differential Equations]
Avi. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]	Disk. anal. (13e)	Diskretnyi analiz [Discrete Analysis]
Avt. transp. [Kiev] (16g)	Avtomobil'nyi transport [Automotive Transportation]. Kiev.	Dokl. AN Arm. SSR (13a)	Akademiia nauk Arman'skoi SSR, Eriyan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]	Dokl. AN Azerb. SSR (13a)	Akademiia nauk Azerbaidzhan'skoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]
Avtom. svar. (16f)	Akademiia nauk URSS, Kiev. Institut elektrozvarivaniia. Avtomaticheskaya svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]	Dokl. AN BSSR (13a)	Akademiia nauk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]
Avtom. , telem. i sviaz' (10e)	Avtomatika, telemekhanika i sviaz' [Automatic Control, Remote Control, and Communications]	Dokl. AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Avtomatika (16e)	Avtomatika [Automatic Control]	Dokl. AN Tadzh. SSR (13a)	Akademiia nauk Tadzhik'skoi SSR, Dushanbe. Doklady [Academy of Sciences of the Tajik S.S.R. Reports]
Az. i Afr. seg. (1b)	Azila i Afrika segodnia [Asia and Africa Today]	Dop. AN URSS (13a)	Akademiia nauk URSS, Kiev. Dopovkili [Academy of Sciences of the Ukrainian S.S.R. Reports]
Azerb. med. zhur. (14a)	Azerbajchan tibb zhurnali. Azerbaidzhan'skii meditsinskii zhurnal [Azerbaijan Medical Journal]	Eff. i udob. v usl. Mold. (15a)	Effektivnost' udobrenii v usloviakh Moldavi [Effectiveness of Fertilizers under the Conditions in Moldavia]
BIKI [Prilozh.] (5a)	Biulleten' inostrannoi kommercheskoi informatsii, prilozhenie [Bulletin of Foreign Commercial Information; Supplement]	Ekon. i zhizn' (5b)	Ekonomika i zhizn' [Economics and Life]
Bezop. truda v prom. (16a)	Bezopasnost' truda v promyshlennosti [Industrial Safety]	Ekon. Rad. Ukr. (5b)	Ekonomika Radians'kol Ukrainy [Economics of the Soviet Ukraine]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]	Ekon. sel'khoz. (5b)	Ekonomika sel'skogo khozaistva [Economics of Agriculture]
Bibliotekoved. i bibl. (2b)	Bibliotekovedenie i bibliografiia, ukazatel' literatury [Library Science and Bibliography; an Index to the Literature]	Ekon. stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Bibliotekoved. i bibl. za rub. (2b)	Bibliotekovedenie i bibliografiia za rubezhom [Library Science and Bibliography Abroad]	Elek. i topl. tsiaga (16g)	Elektricheskain i teplovyy tsiaga [Electric and Diesel Locomotive Traction]
Biofizika (13c)	Biofizika [Biophysics]	Elek. sta. (16c)	Elektricheskie stantsii [Electric Power Stations]
Biokhimia (13c)	Biokhimia [Biochemistry]	Elektro-khimia (13d)	Elektrokhimia [Electrochemistry]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]	Elektrosviaz' (16e)	Elektrosviaz' [Telecommunication]
Biul. Glav. bot. sada (13c)	Moscow. Glavnyi botanicheskii sad. Biulleten' [Main Botanical Garden. Bulletin]	Elektrotekhnika (16e)	Elektrotekhnika [Electrical Engineering]
Biul. KirgNIIZ (15d)	Frunze. Kirgizskii nauchno-issledovatel'skii institut zemledelia. Biulleten' [Kirghiz Scientific Research Institute of Agriculture. Bulletin]		
Biul. mezhdunar. nauch. s"ezd., konf. i kongr. (1a)	Biulleten' mezhdunarodnykh nauchnykh s"ezdov, konferentsii i kongressov [Bulletin of International Scientific Meetings, Conferences, and Congresses]		

Energ. stroi (16c)	Energeticheskoe stroitel'stvo [Power Construction]	Inform. sbor. TSNIMF. Tekh. ekspl. mol. flota (17b)	Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik. Tekhnicheskoe ekspluatatsiya morskogo flota [Central Scientific Research Institute of the Merchant Marine. Information Bulletin. Technical Operation of Merchant Ships]
Energ. stroi za rub (16c)	Energeticheskoe stroitel'stvo za rubezhom, prilozhenie k sborniku "Energeticheskoe stroitel'stvo" [Power Construction in Foreign Countries, Supplement to the Periodical "Power Construction"]	Inform. sbor. TSNIMF. Del. kom. ekspl. mor. flota v zagran. plav. (5b)	Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik. Tekhnicheskoe ekspluatatsiya morskogo flota v zagran. plavani [Central Scientific Research Institute of the Merchant Marine. Information Bulletin. Conditions for the Commercial Operation of the Merchant Marine in Foreign Waters]
Elektr. Vost (16b)	Epigrafika Vostoka [Epigraphy of the Orient]	Inform. ukaz. bibl. apia. i kait. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlenykh bibliotekami Sovetskogo Soюза [Information Index of Bibliographical Lists and Card Files, Compiled by the Libraries of the Soviet Union]
Farm. i toks. (14f)	Farmakologiya i toksikologiya [Pharmacology and Toxicology]	Inzh.-fiz. zhur. (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Farmatsev. zhur. (14f)	Farmatsitsychnyi zhurnal [Pharmaceutical Journal]	Iskusstvo (10a)	Iskusstvo [Art]
Ferm. i spirt. prom. (16c)	Fermentatsiya i spirovaya promyshlennost' [Fermentation and Distilling Industry]	Issl. i mal. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Issledovaniya i mal. razrab. [Institute for the Study of the U.S.S.R. Investigations and Materials]
Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]	Izob. i prom. obiaz. i tov. znak. (16a)	Izobreteniya, promyshlennyye obiazateli, tovarnyye znaki [Inventions, Industrial Samples, Trademarks]
Fiz. elek. (13f)	Fizicheskaya elektronika [Physical Electronics]	Izv. AN Arm. SSR, Ser. tekhn. nauk (18a)	Akademija nauk Armianskoi SSR, Erivan. Izvestiya. Seriya tekhnicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin, Series in the Technological Sciences]
Fiz. khim. mekh. mat. (16g)	Fiziko-khimicheskaya mekhanika materialov [Physicochemical Mechanics of Materials]	Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti (12c)	Akademija nauk Azerbaidzhanskoi SSR, Baku. Izvestiya. Seriya geologo-geograficheskikh nauk i nefti [Academy of Sciences of the Azerbaijan S.S.R. Bulletin, Series in the Geological and Geographical Sciences and Petroleum]
Fiz. met. i metallov. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Metallurgy]	Izv. AN Kazakh. SSR, Ser. biol. nauk (13c)	Akademija nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya biologicheskikh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin, Series in the Biological Sciences]
Fiz. tekhn. probl. i razv. pol. tekhn. (16h)	Fiziko-tekhnicheskiye problemy razvitiya pol. tekhn. [Physical and Technological Problems of the Development of Electronics]	Izv. AN Kazakh. SSR, Ser. geol. (12c)	Akademija nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya geologicheskaya [Academy of Sciences of the Kazakh S.S.R. Bulletin, Geological Series]
Fiziol. rast. (13c)	Fiziologiya rastenii [Physiology of Plants]	Izv. AN Kazakh. SSR, Ser. obshchestv. nauk (1a)	Akademija nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya obshchestvennykh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin, Series in the Social Sciences]
Fiziol. zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]	Izv. AN SSSR. Fiz. atm. i okeana (13f)	Akademija nauk SSSR. Izvestiya. Fizika atmosfery i okeana [Academy of Sciences of the U.S.S.R. Bulletin. Atmospheric and Oceanic Physics]
Fiziol. zhur. [Ukr.] (13c)	Fiziologicheskii zhurnal [Physiological Journal]	Izv. AN SSSR. Mekh. zhid. i gaza (13f)	Akademija nauk SSSR. Izvestiya. Mekhanika zhidkosti i gaza [Academy of Sciences of the U.S.S.R. Bulletin. Mechanics of Liquids and Gas]
Gas. delo (16h)	Gazovoe delo [Gas Industry]	Izv. AN SSSR. Met. (16h)	Akademija nauk SSSR. Izvestiya. Metally [Academy of Sciences of the U.S.S.R. Bulletin. Metals]
Gas. prom. (16c)	Gazovaya promyshlennost' [Gas Industry]	Izv. AN SSSR. Neorg. mat. (13d)	Akademija nauk SSSR. Izvestiya. Neorganicheskiye materialy [Academy of Sciences of the U.S.S.R. Bulletin. Inorganic Materials]
Genetika (13c)	Genetika [Genetics]	Izv. AN SSSR. Ser. fiz. (13f)	Akademija nauk SSSR. Izvestiya. Seriya fizicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Geokhimiya (12c)	Geokhimiya [Geochemistry]	Izv. AN SSSR. Ser. geog. (12b)	Akademija nauk SSSR. Izvestiya. Seriya geograficheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Geographical Series]
Geol. i geofiz. (12c)	Geologiya i geofizika [Geology and Geophysics]	Izv. AN SSSR. Ser. geol. (12c)	Akademija nauk SSSR. Izvestiya. Seriya geologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]
Geol. i geokhim. mestorozh. i ver. isk. (16h)	Geologiya i geokhimiya mestorozhdenii tverdykh gortuchikh iskopaemykh [Geology and Geochemistry of Solid Mineral Fuel Deposits]	Izv. AN SSSR. Ser. khim. (13d)	Akademija nauk SSSR. Izvestiya. Seriya khimicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Chemical Series]
Geol. mest. rad. elem. (12c)	Geologiya mestorozhdenii radikiikh elementov [Geology of Rare-Element Deposits]	Izv. AN SSSR. Ser. mat. (13e)	Akademija nauk SSSR. Izvestiya. Seriya matematicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series]
Geol. nefti i gaza (16h)	Geologiya nefli i gaza [The Geology of Petroleum and Gas]	Izv. AN SSSR. Tekh. kib. (16e)	Akademija nauk SSSR. Izvestiya. Tekhnicheskaya kibernetika [Academy of Sciences of the U.S.S.R. Bulletin. Engineering Cybernetics]
Geol. rud. mestorozh. (16h)	Geologiya rudnykh mestorozhdenii [Geology of Ore Deposits]	Izv. AN Turk. SSR, Ser. biol. nauk (13c)	Akademija nauk Turkmenkoi SSR, Ashkhabad. Izvestiya. Seriya biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin, Series in the Biological Sciences]
Geol. zhur. (12c)	Geologicheskii zhurnal [Geological Journal]	Izv. AN Turk. SSR, Ser. fiz.-tekhn., khim. i geol. nauk (13a)	Akademija nauk Turkmenkoi SSR, Ashkhabad. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin, Series in the Physical and Technological, Chemical, and Geological Sciences]
Geotektonika (12c)	Geotektonika [Geotectonics]	Izv. SO AN SSSR, Ser. obshchestv. nauk (1a)	Akademija nauk SSSR. Sibirskoe otdelenie. Izvestiya. Seriya obshchestvennykh nauk [Academy of Sciences of the U.S.S.R. Siberian Department. Bulletin, Series in the Social Sciences]
Gidr. i mel. (15a)	Gidrotekhnika i melioratsiya [Hydraulic Engineering and Reclamation]		
Gidravlika (16d)	Gidravlika [Hydraulics]		
Gidroliz. i lesokhim. prom. (16c)	Gidroliznaya i lesokhimicheskaya promyshlennost' [Hydrolysis and Wood Chemistry Industry]		
Gor. khoz. Mosk. (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]		
Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]		
Grazhd. av. (16b)	Grazhdanskaya aviatsiya [Civil Aviation]		
Grud. khir. (14h)	Grudnaya khirurgiya [Thoracic Surgery]		
Iad. fiz. (13f)	Iadernaya fizika. Journal of Nuclear Physics.		
Infek. zab. kul't. rast. Mold. (15d)	Infektsionnye zaboлевaniya kul'turnykh rastenii Moldavi [Infectious Diseases of Cultivated Plants of Moldavia]		
Inform. biul. VDNKH (16a)	Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Informatsionnyi biulleten' [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin]		

IG (10d)	Leningrad Vsesoyuznyi nauchno-issledovatel'skii institut gidrotekhniki. Izvestiia [All-Union Scientific Research Institute of Hydraulic Engineering. Bulletin]	Kosm. tuch. (13f)	Akademii nauk SSSR. Mezhdunarodnyi geofizicheskii komitet. Kosmicheskie tuchi [Academy of Sciences of the U.S.S.R. Interdepartmental Geophysical Committee Cosmic Rays]
ucheb. Chern. (10h)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, chernala metallurgii [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Ferrous Metallurgy]	Kozh. - obuv. prom. (16f)	Kozhevno-obuvnaia promyshlennost' [Leather and Footwear Industry]
ucheb. Energ. (6e)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Power Engineering]	Kiat soob. Inst. nar. Az. (4a)	Akademii nauk SSSR. Institut narodov Azii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the Peoples of Asia. Brief reports]
ucheb. Geol. i (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiya i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]	Kryl' rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
ucheb. Gor. zhur. (h)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mining Journal]	Kuz. - shtam. proizv. (16g)	Kuznechno-shlampovoechnoe proizvodstvo [Forging and Stamping]
ucheb. Mat. (3e)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]	Lakokras. mat. i ikh prim. (16c)	Lakokrasochnye materialy i ikh primenenie [Lacquer and Paint Materials and Their Use]
ucheb. Neft' i (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, neft' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Petroleum and Gas]	Let. druk. BSSR (2a)	Letapis druk. BSSR. Letopis' pochati BSSR [Chronicle of the Publications of the White Russian S.S.R.]
ucheb. Pishch. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pishchevaia tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Food Technology]	Let. gazet. st. (2a)	Letopis' gazetykh statoi [Chronicle of Newspaper Articles]
ucheb. Radiotiz. f)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiotizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Physics]	Let. rets. (2a)	Letopis' retsenzii [Chronicle of Reviews]
ucheb. Radiotekh. (6e)	Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Engineering]	Let. zhur. st. (2a)	Letopis' zhurnal'nykh statoi [Chronicle of Periodical Articles]
rez. (1c)	Kauchuk i rezina [Crude and Vulcanized Rubber]	Lit. i pol. iskop. (12c)	Litologiya i poiznyie iskopaemye [Lithology and Mineral Resources]
neft. i ostr. (c)	Khimicheskoe i nefianoe maslinostroenie [Chemical and Petroleum Machinery Manufacture]	Lit. po pod. naukam i nar. obr. (8a)	Literatura po pedagogicheskim naukam i narodnomu obrazovaniiu [Literature on the Pedagogical Sciences and Public Education]
tekh. topl. i (16c)	Khimiia i tekhnologiya topliv i masel [Chemistry and Technology of Fuel and Oil]	Lit. proizv. (16h)	Lit. poe proizvodstvo [Foundry Practice]
tr. rod. (13d)	Khimiia prirodnykh soedinenii [Chemistry of Natural Compounds]	Mashinostroiitel' (16g)	Mashinostroiitel' [Machine Builder]
rom. (c)	Khimicheskaya promyshlennost' [Chemical Industries]	Masl. - zhisl. prom. (16c)	Maslo-zhirovaya promyshlennost' [Oils and Fats Industry]
sol'. (15a)	Khimiia v sel'skom khoziaistve [Chemistry in Agriculture]	Mat. i dok. po ist. stand. (16a)	Materialy i dokumenty po istorii standartizatsii [Materials and Documents on the History of Standardization]
olok. (6c)	Khimicheskie volokna [Synthetic Fibers]	Mat. kult. Azerb. (4b)	Material'naiia kul'tura Azerbaidzhana [Material Culture of Azerbaijan]
sin. (14h)	Khirurgiya [Surgery]	Mat. po mel. konstr. (16d)	Moscow. Gosudarstvennyi institut po projektirovaniu, issledovaniiu i ispytaniu stal'nykh konstruktsii i mostov. Materialy po metallicheskim konstruktsiiam [State Institute for the Design, Study and Testing of Steel Structures and Bridges. Materials on Metallic Structures]
kond. (16f)	Khlebopekarnaya i konditerskaya promyshlennost' [Baking and Confectionery Industry]	Mat. shkol. (13e)	Matematicheskie sborniki [Mathematical Review]
kh. (16c)	Kholodil'naiia tekhnika [Refrigeration Engineering]	Med. paraz. i parazit. bol. (14a)	Meditsinskaiia parazitologiya i parazitarnye bolezni [Medical Parasitology and Parasitic Diseases]
et.)	Knizhnaiia letopis' [Book Chronicle]	Med. tsif. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
zhim. (c)	Koks i khimiia [Coke and Chemistry]	Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
ur. (d)	Kolloidnyi zhurnal [Colloid Journal]	Met. i gorneiud. prom. (16h)	Metallurgicheskaya i gornorudnaya promyshlennost' [Metallurgical, Mining, and Ore Dressing Industries]
vooruzh. (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]	Metall. i term. obr. met. (16h)	Metall. obrabotka i termicheskaya obrabotka metall. [Metals and Heat Treatment of Metals]
nist.)	Kommunist [Communist]	Metallurg (16h)	Metallurg [Metallurgist]
vetr.)	Kora vyvetrianiia [Weathering Zone]	Meteor. issl. (13f)	Akademii nauk SSSR. Mezhdunarodnyi geofizicheskii komitet. Meteorologicheskie issledovaniia [Academy of Sciences of the U.S.S.R. Interdepartmental Geophysical Committee. Meteorological Studies]
ian. RAN (f)	Akademii nauk SSSR. Institut zemnogo magnetizma, ionosfer. i rasprostraneniia radiovoln. Kosmicheskie dannye [Academy of Sciences of the U.S.S.R. Institute of Terrestrial Magnetism, the Ionosphere, and Radio Wave Propagation. Cosmic Data]	Meteoritika (13b)	Meteoritika [Meteoritics]
isl. (13b)	Kosmicheskie issledovaniia [Space Research]	Metod. vych. (13e)	Metody vychislenii [Computation Methods]
		Mezhdunar. zhizn' (6)	Mezhdunarodnaya zhizn' [International Life]
		Mine. ind. SSSR (16f)	Miasnaya industriia SSSR [Meat Industry of the U.S.S.R.]
		Mir. ekon. i mezhdunar. otn. (5b)	Mirovaya ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]
		Mol. komm. (6)	Molodoi kommunist [The Young Communist]
		Mont. i spets. rab. v stroit. (16d)	Montazhnye i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]
		Mor. sbor. (17b)	Morskoi sbornik, zhurnal Voenno-Morskogo Flota SSSR [Naval Review; Magazine of the Soviet Navy]

Muk. selek. prom. (16f)	Mukon o'lo'n-elevatornaya promyshlennost' [Flour Milling and Grain Storage]	Nov. kni. za rub. po obshchestv. naukam (2a)	Novye knigi za rubezhom po obshchestvennyim naukam, ekonomika, filosofiya, istoriya, mezhdunarodnye otnosheniya [New Foreign Books on the Social Sciences, Economics, Philosophy, History, International Relations]
VIT (16a)	Vsesoyuznyy informatsionno-tekhnicheskii institut [All-Union Institute of Scientific and Technical Information]	Nov. lit. o nauke i nauch. - issled. rab. za rub. (2a)	Novaya literatura o nauke i nauchno-issledovatel'skoy rabote za rubezhom [New Literature on Science and Research Abroad]
VITO (16a)	Vsesoyuznyy sovet nauchno-tekhnicheskikh obshchestv. nauchno-tekhnicheskikh obshchestva SSSR [All-Union Council of Scientific Technological Societies, Scientific Technological Societies of the U.S.S.R.]	Nov. lit. po Ger. Dem. Resp. (2a)	Novaya literatura po Germanской Демократической Республике [New Literature on the German Democratic Republic]
Va. stroit. Res. (16d)	Va. stroit. Res. [At Russian Construction Projects]	Nov. lit. po obshch. probl. evrop. soiz. stran (4a)	Novaya literatura po obshchim problemam evropeyskikh sotsialisticheskikh stran [New Literature on the General Problems of the European Socialist Countries]
Vozh. shkol. (8-1)	Vozh. shkol. [Primary School]	Nov. lit. po Rum. (2a)	Novaya literatura po Rumynii [New Literature on Rumania]
Vozh. khoz. kazakh. (5b)	Narodnoe khoziazstvo Kazakhstana [The National Economy of Kazakhstan]	Nov. mir. (11b)	Novyi mir [The New World]
Nauch. dokl. vys. shkol. biol. nauk (13c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshego shkol. biologicheskie nauki [Ministry of Higher and Secondary Specialized Education, Research Papers of Higher Schools; Biological Sciences]	Nov. sov. i inostr. lit. po stran. Az. i Afri. (2a)	Novaya sovetskaya i inostrannaya literatura po stranam Azii i Afriki [New Soviet and Foreign Literature on the Countries of Asia and Africa]
Nauch. dokl. vys. shkol. ekon. nauk (13b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshego shkol. ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education, Research Papers of Higher Schools, Economics]	Nov. sov. i inostr. lit. po stran. za rub. Vost. (2a)	Novaya sovetskaya i inostrannaya literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nauch. dokl. vys. shkol. fiz. nauk (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshego shkol. fizicheskie nauki [Ministry of Higher and Secondary Specialized Education, Research Papers of Higher Schools, Physical Sciences]	Nov. sov. lit. o nauke i nauch. - issled. rab. v SSSR (2a)	Novaya sovetskaya literatura o nauke i nauchno-issledovatel'skoy rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Nauch. - issl. study VNIIPik (16f)	Moscow Vsesoyuznyi nauchno-issledovatel'skii institut plachnykh materialov i iskusstvennoi kozhi. Nauchno-issledovatel'skie trudy [All-Union Scientific Research Institute of Film Materials and Artificial Leather Scientific Research Papers]	Nov. sov. lit. po lingv. (11a)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]
Nauch. trudy TashGU. Fiz. nauk (13f)	Tashkent Universitet. Nauchnye trudy. Fizicheskie nauki [University Studies, Physical Sciences]	Nov. sov. lit. po ist. i arkheol. i etn. (4a)	Novaya sovetskaya literatura po istorii, arkheologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography]
Nauch. trudy TashGU. Geog. nauk (12b)	Tashkent Universitet. Nauchnye trudy. Geograficheskie nauki [University Studies, Geographical Sciences]	Nov. sov. lit. po lit. (11b)	Novaya sovetskaya literatura po literaturovedeniю [New Soviet Literature on the Study of Literature]
Neft. i gaz. prom. (16h)	Neftiannaya i gazovaya promyshlennost' [Petroleum and Gas Industry]	Nov. vrem. (6)	Novoe vremia [New Times]
Neft. khoz. (16h)	Neftiannoe khoziazstvo [The Petroleum Industry]	Obobshch. funk. (13e)	Obobshchennye funktsii [Generalized Functions]
Neftegaz. geol. i geofiz. (16h)	Neftegazovaya geologiya i geofizika [Petroleum and Gas Geology and Geophysics]	Okhr. truda i sol. stakh. (5d)	Otkhraneniye truda i sotsial'naya strukturnaya [Protection of Labor and Social Structure]
Neftekhimiya (16c)	Neftekhimiya [Petrochemistry]	Pat. fiziol. i eksp. terap. (11c)	Patologicheskoe fiziol. i eksperimental'naya terapiya [Pathological Physiology and Experimental Therapy]
Nefteper. i neftekhim. (16h)	Neftepererabotka i neftekhimiya [Petroleum Refining and Petroleum Chemistry]	Part. zhizn' (6)	Partiinaya zhizn' [Party Life]
Nefteprom. delo (16h)	Neftepromyshlennoe delo [Petroleum Production]	Plaz. v red. Zhur. eksper. i teoret. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki. Pisma v redaktsiyu [Journal of Experimental and Theoretical Physics. Letters to the Editors]
Neftnik (16h)	Neftnik [The Petroleum Worker]	Plan. khoz. (5b)	Planovoe khoziazstvo [Planned Economy]
Nek. vop. klim. i kraev. pat. (14c)	Nekotorye voprosy klimatologii i kraevoy patologii [Some Problems in Climatophysics and Regional Pathology]	Plast. massy (16c)	Plasticheskie massy [Plastics]
Nov. inostr. ekon. lit. (5b)	Novaya inostrannaya ekonomicheskaya literatura [New Foreign Economic Literature]	Pochvovedenie (15a)	Pochvovedenie [Soil Science]
Nov. inostr. knigi, postup. v sist. Bibl. AN SSSR (2b)	Akademika nauk SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu biblioteki [Academy of Sciences of the U.S.S.R. Library. New Foreign Books Received by the Library System]	Porosh. met. (16h)	Poroshkovaya metallurgiya [Powder Metallurgy]
Nov. inostr. lit. po ist. i arkheol. i etn. (3a)	Novaya inostrannaya literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology, and Ethnography]	Pozh. delo (16d)	Pozharnoe delo [Fire Fighting]
Nov. knigi, ezhened. inform. - bibl. zhur. (2a)	Novye knigi, ezhenedel'nyi informatsionno-bibliograficheskiy zhurnal [New Books, Bibliographical Information Weekly]	Prikl. geofiz. (16h)	Priladnaya geofizika [Applied Geophysics]
Nov. knigi SSSR (2a)	Novye knigi SSSR [New Books of the U.S.S.R.]	Prikl. mekh. (16g)	Priladnaya mekhanika [Applied Mechanics]
Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriya A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fizicheskaya geografiya [New Foreign Books: Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]	Priroda (13a)	Priroda [Nature]
Nov. knigi za rub. Ser. B (16a)	Novye knigi za rubezhom. Seriya B: Tekhnika [New Foreign Books: Series B: Technology]	Probl. endok. i gorm. (14a)	Problemy endokrinologii i gormonoterapii [Problems of Endocrinology and Hormone Therapy]
Nov. knigi za rub. Ser. V (2a)	Novye knigi za rubezhom. Seriya V: Biologiya, meditsina, zelskoe khoziazstvo [New Foreign Books: Series V: Biology, Medicine, Agriculture]	Probl. gemat. i pereb. krovi (14e)	Problemy gematologii i perekrivaniya krovi [Problems of Hematology and Blood Transfusion]
		Prof. - tekhn. obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
		Proizv. trub (16g)	Dnepropetrovsk. Ukrainskiy nauchno-doslednyy inzhener. Institut. Proizvodstvo trub [Ukrainian Scientific Research Pipe Institute, Manufacture of Pipes]
		Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
		Prom. energ. (16e)	Promyshlennaya energetika [Industrial Power]
		Puti i put. khoz. (16d)	Puti razvitiya i put. khoz. [Ways of Development and Economic]

Rad, lit. (11b)	Radlans'ke literaturnoznavstvo [Soviet Literary Review]	Ref. zhur. : Kommun. byt. i tor. obor. (16g)	Referativnyi zhurnal. Kommunal'noe, bytovoe i torgovoe oborudovanie (Otdel'nyi vypusk 33) [Journal of Abstracts: Communal, Household, and Commercial Equipment (Separate Issue 33)]
Rad, pravo (7)	Radlans'ke pravo [Soviet Law]	Ref. zhur. : Kotlostr. (16g)	Referativnyi zhurnal. Kotlostroenie (Otdel'nyi vypusk 42) [Journal of Abstracts: Boiler Manufacture (Separate Issue 42)]
Rad, shk. (8a)	Radlans'ka shkola [Soviet School]	Ref. zhur. : Leg. prom. (16f)	Referativnyi zhurnal. Legkaya promyshlennost' [Journal of Abstracts: Light Industry]
Radio (16e)	Radio	Ref. zhur. Lesoved. i lesovod. (15c)	Referativnyi zhurnal. Lesovedenie i lesovodstvo (Otdel'nyi vypusk 58) [Journal of Abstracts: Forestry and Forest Management (Separate Issue 58)]
Radiobiologiya (13c)	Radiobiologiya [Radiobiology]	Ref. zhur. : Ma- shinostroi. mat., konstr. i rasch. det. mash. Gidr. (16g)	Referativnyi zhurnal. Mashinostroitel'nye materialy, konstruktall i raschet detalей mashin. Gidropriivod (Otdel'nyi vypusk 48) [Journal of Abstracts: Materials for Machinery Manufacture and the Design of Machine Parts. Hydraulic Drive (Separate Issue 48)]
Radiotekhnika (16a)	Radiotekhnika [Radio Engineering]	Ref. zhur. : Med. geog. (14a)	Referativnyi zhurnal. Meditsinskaya geografiya (Otdel'nyi vypusk 36) [Journal of Abstracts: Medical Geography (Separate Issue 36)]
Rast. res. (13c)	Rastitel'nye resursy [Plant Resources]	Ref. zhur. : Mekh. (13f)	Referativnyi zhurnal. Mekhanika [Journal of Abstracts: Mechanics]
Razvedka i okhtana nedr (10h)	Razvedka i okhtana nedr [Prospecting and Conservation of Mineral Resources]	Ref. zhur. : Met. (16h)	Referativnyi zhurnal. Metallurgiya [Journal of Abstracts: Metallurgy]
Rech. transp. (17b)	Rechnoi transport [Inland Water Transportation]	Ref. zhur. : Metr. i izm. tekhn. (16a)	Referativnyi zhurnal. Metrologiya i izmeritel'naya tekhnika (Otdel'nyi vypusk 32) [Journal of Abstracts: Mensuration and Measurement Techniques (Separate Issue 32)]
Ref. zhur. : Ekonom. prom (5b)	Referativnyi sbornik Ekonomika promyshlennosti [Journal of Abstracts of Industry]	Ref. zhur. : Nasosostroi. i kompres- sorostroi. (16g)	Referativnyi zhurnal. Nasosostroenie i kompressorostroenie (Otdel'nyi vypusk 61) [Journal of Abstracts: Manufacture of Pumps and Compressors (Separate Issue 61)]
Ref. zhur. : Astron. (13b)	Referativnyi zhurnal: Astronomiya (Otdel'nyi vypusk 51) [Journal of Abstracts: Astronomy (Separate Issue 51)]	Ref. zhur. : Nauch. i tekhn. inform. (16a)	Referativnyi zhurnal. Nauchnaya i tekhnicheskaya informatsiya (Otdel'nyi vypusk 59) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 59)]
Ref. zhur. : Avt. raket. dvig. (16b)	Referativnyi zhurnal: Aviatstvomnye i raketnye dvigateli (Otdel'nyi vypusk 14) [Journal of Abstracts: Aircraft and Rocket Engines (Separate Issue 14)]	Ref. zhur. : Ob. vop. pat. Onk. (14c)	Referativnyi zhurnal. Obshchie voprosy patologii. Onkologiya (Otdel'nyi vypusk 53) [Journal of Abstracts: General Problems of Pathology. Oncology (Separate Issue 53)]
Ref. zhur. : Avt. dor. (10d)	Referativnyi zhurnal: Avtomobil'nye dorogi [Journal of Abstracts: Highways]	Ref. zhur. : Obor. pishch. prom. (16g)	Referativnyi zhurnal. Oborudovanie pishchevoi promyshlennosti (Otdel'nyi vypusk 38) [Journal of Abstracts: Equipment of the Food Industry (Separate Issue 38)]
Ref. zhur. : Avt. i gor. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automobile and City Transportation]	Ref. zhur. : Prom. transp. (16g)	Referativnyi zhurnal. Promyshlennyy transport [Journal of Abstracts: Industrial Transport]
Ref. zhur. : Avtom. i telemek. i vych. tekhn. (16a)	Referativnyi zhurnal: Avtomatika, telemekhanika i vychislitel'naya tekhnika [Journal of Abstracts: Automatic Control, Remote Control, and Computer Technology]	Ref. zhur. Radiotekh. i elektrosvyaz' (16e)	Referativnyi zhurnal. Radiotekhnika i elektrosvyaz' [Journal of Abstracts: Radio Engineering and Telecommunication]
Ref. zhur. : Biol. (13c)	Referativnyi zhurnal: Biologiya [Journal of Abstracts: Biology]	Ref. zhur. : Raketostroi. (16b)	Referativnyi zhurnal. Raketostroenie (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]
Ref. zhur. : Biol. khim. (13c)	Referativnyi zhurnal: Biokhimiya (Otdel'nyi vypusk 30f) [Journal of Abstracts: Biochemistry (Separate Issue 30f)]	Ref. zhur. : Rast. (15d)	Referativnyi zhurnal. Rastenievodstvo (Otdel'nyi vypusk 55) [Journal of Abstracts: Plant Culture (Separate Issue 55)]
Ref. zhur. : Dvig. vnutrenn. sgor. (16g)	Referativnyi zhurnal: Dvigateli vnutrennego sgoraniya (Otdel'nyi vypusk 30) [Journal of Abstracts: Internal-Combustion Engines (Separate Issue 30)]	Ref. zhur. : Stroitel'. i dor. mash. (16g)	Referativnyi zhurnal. Stroitel'nye i dorozhnye mashiny (Otdel'nyi vypusk 40) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 40)]
Ref. zhur. : Elek. i ee prim. (16e)	Referativnyi zhurnal: Elektronika i ee primeneniye [Journal of Abstracts: Electronics and its applications]	Ref. zhur. : Tekh. i obor. i sel.- bun. i poligr. prom. (16g)	Referativnyi zhurnal. Tekhnologiya i oborudovanie tselulozno-bumazhnogo i poligraficheskogo proizvodstva (Otdel'nyi vypusk 37) [Journal of Abstracts: Technology and Equipment of the Woodpulp, Paper, and Printing Industry (Separate Issue 37)]
Ref. zhur. : Farm. Khimioterap. sred. Toks. (14f)	Referativnyi zhurnal: Farmakologiya. Khimioterapevticheskie sredstva. Toksikologiya (Otdel'nyi vypusk 54) [Journal of Abstracts: Pharmacology. Chemotherapeutics. Toxicology (Separate Issue 54)]	Ref. zhur. : Tekh. mashinostroi. (16g)	Referativnyi zhurnal. Tekhnologiya mashinostroeniya [Journal of Abstracts: Technology of Machinery Manufacture]
Ref. zhur. : Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]	Ref. zhur. : Teploenerg. (16g)	Referativnyi zhurnal. Teploenergetika [Journal of Abstracts: Heat Engineering]
Ref. zhur. : Fotokinetekh. (16g)	Referativnyi zhurnal: Fotokinetekhnika (Otdel'nyi vypusk 46) [Journal of Abstracts: Photographic and Motion-Picture Equipment (Separate Issue 46)]	Ref. zhur. : Trakt. i sel'khoz. mash. i orud. (16g)	Referativnyi zhurnal. Traktory i sel'skokhoziaistvennyye mashiny i orudiya (Otdel'nyi vypusk 44) [Journal of Abstracts: Tractors and Agricultural Machinery and Equipment (Separate Issue 44)]
Ref. zhur. : Geod. (13b)	Referativnyi zhurnal: Geodeziya (Otdel'nyi vypusk 52) [Journal of Abstracts: Geodesy (Separate Issue 52)]	Ref. zhur. : Trub. transp. (16g)	Referativnyi zhurnal. Truboprovodnyi transport (Otdel'nyi vypusk 43) [Journal of Abstracts: Pipeline Transportation (Separate Issue 43)]
Ref. zhur. : Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]	Ref. zhur. : Turbostr. (16g)	Referativnyi zhurnal. Turbostroenie (Otdel'nyi vypusk 49) [Journal of Abstracts: Turbine Manufacture (Separate Issue 49)]
Ref. zhur. : Geog. (12b)	Referativnyi zhurnal: Geografiya [Journal of Abstracts: Geography]	Ref. zhur. : Vod. transp. (17b)	Referativnyi zhurnal. Vodnyi transport [Journal of Abstracts: Water Transportation]
Ref. zhur. : Geol. (12c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts: Geology]	Ref. zhur. : Vop. tekhn. prog. i org. proizv. v mashinostroi. (16g)	Referativnyi zhurnal. Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroenii (Otdel'nyi vypusk 35) [Journal of Abstracts: Problems of Technological Progress and the Organization of Production in the Machinery Industry (Separate Issue 35)]
Ref. zhur. : Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]		
Ref. zhur. : Gor. mash. (10h)	Referativnyi zhurnal: Gornyye mashiny (Otdel'nyi vypusk 43) [Journal of Abstracts: Mining Machinery (Separate Issue 43)]		
Ref. zhur. : IAd. reak. (16c)	Referativnyi zhurnal: Yadernyye reaktory (Otdel'nyi vypusk 60) [Journal of Abstracts: Nuclear Reactors (Separate Issue 60)]		
Ref. zhur. : Issl. kosm. prostr. (13b)	Referativnyi zhurnal: Issledovanie kosmicheskogo prostanstva (Otdel'nyi vypusk 62) [Journal of Abstracts: Space Research (Separate Issue 62)]		
Ref. zhur. : Khim. (13d)	Referativnyi zhurnal: Khimiya [Journal of Abstracts: Chemistry]		
Ref. zhur. : Khim. i khol. mashinostroi. (16c)	Referativnyi zhurnal: Khimicheskoye i kholodil'noye mashinostroenie (Otdel'nyi vypusk 47) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 47)]		
Ref. zhur. : Kib. (13a)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]		

Ref. zhur. Vo. d. transl. (16b)	Referativnyi zhurnal Vozdushnyi transport [Journal of Abstracts Air Transportation]	Stroi i arkhitekt. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Ref. zhur. Vzaimodeliye razn. vidov transp. i kont. perep. (16g)	Referativnyi zhurnal Vzaïmodeliye raznykh vidov trans- porta i konteynernykh perevozki (Otdel'nyi vypusk 31) [Journal of Abstracts Container Shipments and the Interaction of Various Types of Transportation (Separate Issue 31)]	Stroi i arkhitekt. Len. (10b)	Stroitel'stvo i arkhitektura Leningrada [Construc- tion and Architecture in Leningrad]
Ref. zhur. Zhel. dor. transp. (16a)	Referativnyi zhurnal Zheleznodorozhnyi transport [Journal of Abstracts Railroad Transportation]	Stroi i arkhitekt. Mosc. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Ref. nabl. sov. 1st. spul. 2cm. (13b)	Akademii nauk SSSR, Institut teoreticheskoi astronomii. Rezultaty nabludeniï sovetskikh iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy Results of Observations of Soviet Artificial Earth Satellites]	Stroi i arkhitekt. Uzb. (10b)	Stroitel'stvo i arkhitektura Uzbekistana [Construction and Architecture of Uzbekistan]
Sbor. Inst. stali i splav. (16d)	Moscow, Institut stali i splavov. Sbornik [Steel and Alloy Institute Papers]	Stroi, konstr. (16d)	Stroitel'stvo i konstr. [Building Structures]
Sbor. rab. Vsesoiuzn. (15c)	Vsesoiuznyi nauchno-issledovatel'skii Institut agroleso- melloratsii. Sbornik rabot [All-Union Scientific Re- search Institute of Land Improvement Through Af- orestation Papers]	Subtrop. kul't. (15d)	Subtropicheskie kul'tury [Subtropical Crops]
Sbor. stud. nauch. rab. Arkh. gos. med. inst. (14a)	† Archangel Gosudarstvennyi meditsinskii institut. Sbornik studenticheskikh nauchnykh rabot [State Medical Insti- tute Student Papers]	Sud. all. ust. (17b)	Sudovye silovye ustanovki [Marine Power Plants]
Sbor. trud. NIIST (16d)	Moscow, nauchno-issledovatel'skii institut samoiar- tekhnik. Sbornik trudov [Scientific Research Institute of Samiary Engineering Papers]	Sudostroyenie (17b)	Sudostroyeniye [Shipbuilding]
Sbor. trud. po ag- ron. fiz. (15a)	Sbornik trudov po agronomicheskoi fizike [Papers on Agricul- tural Physics]	Svar. proizv. (16f)	Svartochnoe proizvodstvo [Welding Practice]
Sbor. trud. VIR (15d)	† Leningrad Vsesoiuznyi Institut rastenievodstva. Sbornik trudov [All-Union Institute of Plant Culture Papers]	Svetotekhnika (16a)	Svetotekhnika [Illuminating Engineering]
Sbor. trud. VNIISTROM (16d)	† Moscow Gosudarstvennyi Vsesoiuznyi nauchno-issledova- tel'skii Institut stroitel'nykh materialov i konstruktsii Sbornik trudov [State All-Union Scientific Research In- stitute of Building Materials and Structures Papers]	Svod. bitul. nov. inosti, knig. Ser. A (2a)	Svodnyi biulleten' novykh mostovnykh knig, postupaivshikh v biblioteku SSSR. Ser. A. Patentnyye nauki, meditsina, sel'skokhoziaistvo, tekhnika [Union List of New Books, Books Received by the Libraries of the U.S.S.R. Ser. A Natural Sciences, Medicine, Agriculture, Technology]
Sel'sk. khoz. (15a)	Sel'skoe khoziaistvo, sistematischeeskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Classified Index of Articles in Foreign Periodicals]	Svol. atom. iadei (13f)	Svolya atomnykh iadei [Properties of Atomic Nuclei]
Sel'sk. khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaya literatura SSSR [Agricultural Literature of the U.S.S.R.]	Teatr (9c)	Teatr [The Theater]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]	Tekh. est. (16a)	Tekhnicheskaya estetika [Industrial Aesthetics]
Shkola i proizv. (8i)	Shkola i proizvodstvo [School and Industry]	Tekh. i voozuzh. (17a)	Tekhnika i vozmuzheniye [Technology and Armaments]
Sib. mat. zhur. (13e)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]	Tekh. kino i telev. (9a)	Tekhnika kino i televideniya [Motion Picture and Television Engineering]
Soob. Ak. Gruz. SSR (1a)	Akademii nauk Gruzinskoi Ssr, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports Russian language edition]	Tekst. prom. (16f)	Tekstil'naya promyshlennost' [Textile Industry]
Soob. D. Far. V. Sssr (1a)	Akademii nauk SSSR, Dal'nevostochnyi filial, Vladivostok Soobshcheniia [Academy of Sciences of the U.S.S.R. Far Eastern Branch, Reports]	Teor. i prak. fiz. kul't. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Prac- tice of Physical Education]
Soob. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Soobshcheniia [In- stitute for the Study of the U.S.S.R. Reports]	Teor. veroiatn. i ee prim. (13e)	Teoriia veroiatnostei i ee primeneniia [Theory of Probability and its Applications]
Sots. obes. (5e)	Sotsial'noe obespecheniye [Social Security]	Teor. i ekspt. khim. (13d)	Teoreticheskaya i eksperimental'naya khimiia [Theoretical and Experimental Chemistry]
Sots. trud. (5d)	Sotsialisticheskiï trud [Socialist Labor]	Teplotenergetika (10g)	Teplotenergetika [Heat Engineering]
Sov. bibl. (2a)	Sovetskaya bibliografiia [Soviet Bibliography]	Torif. prom. (16h)	Torifannaya promyshlennost' [Peat Industry]
Sov. etn. (12a)	Sovetskaya etnografiia [Soviet Ethnography]	Torg. za rub. (5a)	Torgovlia za rubizhom [Trade Abroad]
Sov. geol. (12c)	Sovetskaya geologiiia [Soviet Geology]	Trakt. i sel'- khoz. mash. (10g)	Traktory i sel'skokhoziaistvennyye mashiny [Tractors and Agric. Rural Machinery]
Sov. iust. (7)	Sovetskaya iustitsiia [Soviet Justice]	Transp. i khran. nefti i nefte- prod. (16h)	Transport i khraneniye nefli i nefteproduktov [Transportation and Storage of Petroleum and Petroleum Products]
Sov. med. (14a)	Sovetskaya meditsina [Soviet Medicine]	Transp. stroi. (16d)	Transportnoe stroitel'stvo [Construction for the Trans- portation Industry]
Sov. pech. (11b)	Sovetskaya pechat' [Soviet Press]	Trudy AZVI (15b)	Alma-Ata, Zooveterinarnyi Institut, Trudy [Zoological and Veterinary Institute, Transactions]
Sov. potreb. konn. (5a)	Sovetskaya potrebitel'skaya kooperatsiia [Soviet Consumer Trade Unions]	Trudy A/SKH I (15a)	† Khovabad Azerbaidzhan'skii sel'skokhoziaistvennyi Institut Trudy [Azerbaijan Agricultural Institute, Transactions]
		Trudy Arkhiva SSSR (13a)	Akademii nauk SSSR Arkhiv, Trudy [Academy of Sciences of the U.S.S.R. Archives, Transactions]
		Trudy Astrofiz. Inst. AN Kazakh. SSR (13b)	Akademii nauk Kazakhskoi SSSR, Alma-Ata. Astrofizicheskii Institut. Trudy [Academy of Sciences of the Kazakh S.S.R. Astrophysical Institute, Transactions]
		Trudy BKNII (1a)	Ulan-Ude, Durlatskiï kompleknyi nauchno-issledovatel's- kii Institut, Trudy [Buryat Scientific Research Institute, Transactions]
		Trudy GGI (12b)	Leningrad, Gosudarstvennyi gidrologicheskii Institut, Trudy [State Hydrological Institute, Transactions]
		Trudy GIN (12c)	Akademii nauk SSSR, Geologicheskii Institut, Trudy [Academy of Sciences of the U.S.S.R. Geological In- stitute, Transactions]
		Trudy GRUZ- NIMESKHA (15a)	Tiflis, Gruzinskii nauchno-issledovatel'skii Institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva, Trudy [Georgian Scientific Research Institute for the Mechanization and Electrification of Agriculture, Trans- actions]
		Trudy INKH (5b)	Moscow, Institut i narodnogo khoziaistva, Trudy [Institute of the National Economy, Transactions]

Trudy IREA (13d)	Moscow. Vsesoluznyi nauchno-issledovatel'skii institut khimicheskikh reaktivov i osobo chistykh veshchestv. Trudy [All-Union Scientific Research Institute of Chemical Reagents and Analytically Pure Substances. Transactions]	Trudy VSBI (2b)	Ulan-Ude Vostochno-Sibirskii biblioteknyi institut Trudy [East Siberian Library Institute. Transactions]
Trudy Inst. avtom. i elektrometr. 80 AN SSSR (16c)	Akademiya nauk SSSR. Sibirskoe otdeleniye. Institut avtomatiki i elektrometrii. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of Automatic Control and Electrometry. Transactions]	TSement (16d)	TSement [Cement]
Trudy Inst. biol. UFAN SSSR (13c)	Akademiya nauk SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Institute of Biology. Transactions]	TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]
Trudy Inst. khim. AN Gruz. SSR (13d)	Akademiya nauk Gruzinskoi SSR, Tiflis. Institut khimii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Chemistry. Transactions]	Tyl. i snabzhenie Sov. Voor. SII (17a)	Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of Soviet Armed Forces]
Trudy LTITSDP (16c)	Leningrad. Tekhnologicheskii institut tselulozno-bumazhnoi promyshlennosti. Trudy [Technological Institute for the Woodpulp and Paper Industry. Transactions]	Uch. zap. AzSKHI (15a)	Kirovabad. Azerbaidzhanskii sel'skokhoziaistvennyi institut. Uchenye zapiski [Azerbaijan Agricultural Institute Studies]
Trudy Len. inst. epid. i mikro-biol. (14a)	Leningrad. Leningradskii institut epidemiologii i mikrobiologii im. Pastera. Trudy [Leningrad Pasteur Institute of Epidemiology and Microbiology. Transactions]	Uch. zap. KVI (15b)	Kazan. Veterinarnyi institut. Uchenye zapiski [Veterinary Institute. Studies]
Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov rzhelzнодорожного транспорта. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]	Uch. zap. Kaf. ob-shchest. nauk vuz. g. Lon. Filos. (3a)	Uchenye zapiski kafedri obshchestvennykh nauk vuzov g. Leningrada; Filosofiia. [Studies by the Departments of Social Sciences of Leningrad Institutions of Higher Education; Philosophy]
Trudy MINKHIGP (16h)	Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry. Transactions]	Uch. zap. kaf. polit. ekon. (5b)	Uchenye zapiski kafedri politicheskoi ekonomii vysshei partinoi shkoly pri TsK KPSS i mestnykh vysshih partinykh shkoly [Studies by the Departments of Economics of the Higher Party School, Attached to the Central Committee of the Communist Party of the Soviet Union, and Local Higher Party Schools]
Trudy Mosk. mat. ob-va (13c)	Moskovskoe matematicheskoe obshchestvo. Trudy [Moscow Mathematical Society. Transactions]	Uch. zap. MGPI (1a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute Studies]
Trudy NIIGMP (13f)	Leningrad. Nauchno-issledovatel'skii institut gidrometeorologicheskogo priborostroeniia. Trudy [Scientific Research Institute of Hydrometeorological Instrument Making. Transactions]	Uch. zap. Mord. gos. un. (1a)	Saransk. Mordovskii gosudarstvennyi universitet. Uchenye zapiski [Mordvinian State University. Studies]
Trudy NIKHIMMASH (16c)	Moscow. Vsesoluznyi nauchno-issledovatel'skii i konstruktorskii institut khimicheskogo mashinostroeniia. Trudy [All-Union Scientific Research and Design Institute of Chemical Engineering. Transactions]	Ugol' (16h)	Ugol' [Coal]
Trudy NIITma-sha (16g)	Leningrad. Nauchno-issledovatel'skii proektno-konstruktorskii institut tekhnologii mashinostroeniia. Trudy [Scientific Research and Design Institute of the Technology of Machinery Manufacture. Transactions]	Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Trudy NPI (16a)	Novocherkassk. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]	Ukr. biokhim. zhur. (13c)	Ukrains'kii biokhimichnyi zhurnal [Ukrainian Biochemical Journal]
Trudy Old. geog. AN Kazakh. SSR (12b)	Akademiya nauk Kazakhskoi SSR. Alma-Ata. Otdel geografi. Trudy [Academy of Sciences of the Kazakh S.S.R. Department of Geography. Transactions]	Ukr. bot. zhur. (13c)	Ukrains'kii botanichnyi zhurnal [Ukrainian Botanical Journal]
Trudy Paleont. inst. (12c)	Akademiya nauk SSSR. Paleontologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Paleontology. Transactions]	Ukr. fiz. zhur. (13f)	Ukrains'kii fizichnyi zhurnal [Ukrainian Physics Journal]
Trudy 1-go MMI (14a)	Moscow. Pervyi meditsinskii institut. Trudy [First Medical Institute. Transactions]	Ukr. ist. zhur. (4a)	Ukrains'kii istorichnyi zhurnal [Ukrainian Historical Journal]
Trudy Przhnev. pod. inst. (1a)	Przheval'sk. Gosudarstvennyi pedagogicheskii institut. Trudy [State Pedagogical Institute. Transactions]	Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
Trudy SIMSKH (15a)	Saratov. Institut mekhanizatsii sel'skogo khoziaistva. Trudy [Institute of the Mechanization of Agriculture. Transactions]	Ukr. mat. zhur. (13c)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
Trudy Sib. nauch.-issl. inst. onorg. (16c)	Akademiya nauk SSSR. Sibirskoe otdeleniye. Sibirskii nauchno-issledovatel'skii institut energetiki. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Siberian Scientific Research Institute of Power. Transactions]	Urol. i nefr. (14a)	Urologiia i nefrologiia [Urology and Nephrology]
Trudy TGU (1a)	Tomsk. Universitet. Trudy [University. Transactions]	Usp. biol. khim. (13c)	Uspekhi biologicheskoi khimii [Progress in Biological Chemistry]
Trudy TSNII MPS (16g)	Moscow. Vsesoluznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]	Usp. fiz. nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
Trudy TSNIIIEVT (17b)	Moscow. Tsentral'nyi nauchno-issledovatel'skii institut ekonomiki i eksploatatsii vodnogo transporta. Trudy [Central Scientific Research Institute of the Economics and Operation of Water Transportation. Transactions]	Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Trudy TSNII MF (17b)	Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]	Usp. sovr. biol. (13c)	Uspekhi sovremennoi biologii [Progress in Contemporary Biology]
Trudy TSNIIIS (16d)	Babushkin. Vsesoluznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy [All-Union Scientific Research Institute of Transportation Construction. Transactions]	Uzb. biol. zhur. (13c)	Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal]
Trudy Tsel. sel'khoz. inst. (15a)	Tselinograd. Sel'skokhoziaistvennyi institut. Trudy [Agricultural Institute. Transactions]	Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Trudy VNIGNI (16h)	Moscow. Vsesoluznyi nauchno-issledovatel'skii geologorazvedochnyi neflianoi institut. Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions]	V mire knig (2a)	V mire knig [In the World of Books]
Trudy VNIIZ (16d)	Moscow. Vsesoluznyi nauchno-issledovatel'skii institut zerna i produktov ego pererabotki. Trudy [All-Union Scientific Research Institute of Grain and Grain Products. Transactions]	Ved. Verkh. Sov. RSFSR (7)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette]
		Ved. Verkh. Sov. SSSR (7)	Russia (1923- U. S. S. R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette]
		Vest. AMN SSSR (14a)	Akademiya meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
		Vest. AN SSSR (1a)	Akademiya nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
		Vest. KhPI (16g)	Kharkov. Politekhnicheskii institut. Vestnik [Polytechnic Institute. Review]
		Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
		Vest. mashino-str. (16g)	Vestnik mashinostroeniia [Machinery Manufacture Review]
		Vest. Mosk. un. Ser. 2: Khim. (13d)	Moscow. Universitet. Vestnik. Seriya 2: Khimiia [University. Review. Series 2: Chemistry]
		Vest. Mosk. un. Ser. 3: Fiz., astron. (13f)	Moscow. Universitet. Vestnik. Seriya 3: Fizika, astronomiia [University. Review. Series 3: Physics, Astronomy]

Vest Mosk. univ. Ser. 4 Geol. (12a)	Moscow University Vestnik Series 4 Geologia [University Review Series 4 Geology]	Vop. rad. geofiz. (16h)	Voprosy iudnoi geofiziki [Problems of Geophysics. Ore Prospecting]
Vest Mosk. univ. Ser. 5 Geogr. (12b)	Moscow University Vestnik Series 5 Geografika [University Review Series 5 Geography]	Vop. sravn. fiziol. anal. (13c)	Voprosy sravnitel'noi fiziologii i analizatorov [Problems in the Comparative Physiology of Animals]
Vest Mosk. univ. Ser. 6 Biol. (12c)	Moscow University Vestnik Series 6 Biologiya, pchuvstveniya [University Review Series 6 Biology, Soil Science]	Vop. travm. (14h)	Voprosy travmatizma, sboimke nauchnykh rabot [Problems of Traumatism, Pseudo]
Vest Mosk. univ. Ser. 9 Ist. (14a)	Moscow University Vestnik Series 9 Istorika [University Review Series 9 History]	Vop. virus. (13c)	Voprosy virusologii [Problems of Virology]
Vest. protiv. ozbroj. sil. (17a)	Vestnik protiv. ozbroizhennoi borby [Air Defense Review]	Vys. kom. sred. (13d)	Vysokomolekulyarnye soedineniya [Macromolecular compounds]
Vest. sel'skokhoz. nauk. (15a)	Vestnik sel'skokhoz. i selskoi nauk [Review of Agricultural Science]	Zakup. sel'khoz. prod. (15a)	Zakupki sel'skokhoz. i selskoi produktov [Purchase of Agricultural Products]
Vest. sel'skokhoz. nauk. i selskoi nauk. (15a)	Vestnik sel'skokhoz. i selskoi nauk [Review of Agricultural Science] Kazakhstan	Zap. Vses. min. ob. va. (12c)	Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All Union Mineralogical Society. Annals]
Vest. stat. (5b)	Vestnik statistiki [Statistical Review]	Zashch. rast. (15d)	Zashchita rastenii [Protection of Plants]
Vest. svyazi. (16c)	Vestnik svyazi [Communications Review]	Zav. lab. (16h)	Zavodskaya laboratoriya [The Factory Laboratory]
Vest. vyssh. shkoly. (16a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]	Zem. i vsel. (13b)	Zemlja i vselennaya [Earth and the Universe]
Vest. AN BSSR. Ser. biol. nav. (13c)	Akademii nauk BSSR, Minsk. Vestnik Seriya biologicheskikh nauk [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Biological Sciences]	Zemledelie (15d)	Zemledelie [Agriculture]
Vest. AN BSSR. Ser. khim. nav. (13d)	Akademii nauk BSSR, Minsk. Vestnik Seriya khimicheskikh nauk [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Chemical Sciences]	Zheleznodor. transp. (16g)	Zhelezнодорожный транспорт [Railroad Transportation]
Vest. AN BSSR. Ser. sel'sk. na. (15a)	Akademii nauk BSSR, Minsk. Vestnik Seriya sel'sk. nauchnykh nauk [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Agricultural Sciences]	Zhil. stroit. (16d)	Zhiliщное stroitel'stvo [Housing Construction]
Veterinarnia (15b)	Veterinarnia [Veterinary Medicine]	Zhurnal anal. khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Vod. i san. tekhn. (16d)	Vodopabzhenie i sanitarnaya tekhnika [Water Supply and Sanitary Engineering]	Zhur. eksp. i teo. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Voen. med. zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]	Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
Voen. znan. (17a)	Voennoye znanie [Military Knowledge]	Zhur. mikro-biol. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunologii [Journal of Microbiology, Epidemiology, and Immunology]
Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems in the History of the CPSU]	Zhur. mod. (16f)	Zhurnal mod [Fashion Magazine]
Vop. kur. i fizioter. i lech. fiz. (14c)	Voprosy kurologii, fizioterapii i lecheniia fizicheskoi kul'tury [Problems of Health Resort Therapy, Physical Therapy, and Exercise Therapy]	Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Vop. lit. (11b)	Voprosy literatury [Problems of Literature]	Zhur. org. khim. (13d)	Zhurnal organicheskoi khimii [Journal of Organic Chemistry]
Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chemistry]	Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Vop. neirokhir. (14h)	Voprosy neirokhirurgii [Problems of Neurosurgery]	Zhur. prikl. spekt. (13f)	Zhurnal prikladnoi spektroskopii [Journal of Applied Spectroscopy]
Vop. onk. (14c)	Voprosy onkologii [Problems of Oncology]	Zhur. strukt. khim. (13d)	Zhurnal struktural'noi khimii [Journal of Structural Chemistry]
Vop. osushch. mests. pol. iskop. (16h)	Voprosy osusheniia mestorozhdenii poleznykh iskopaemykh [Problems of the Drainage of Mineral Deposits]	Zhur. VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo im. D. I. Mendeleeva [All Union Chemical Society. Journal]
Vop. pit. (13c)	Voprosy pitaniia [Problems of Nutrition]	Zhur. vys. nerv. deiat. (14c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal of Higher Nervous Activity]
Vop. proizv. stali (16h)	Voprosy proizvodstva stali [Problems of Steel Production]	Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

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ADHESION

D. V. P. ... 1964 ... 23 no. 1 ... 1964

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ADHESION (ANATOMY)

Adhesion, K. S. [Pathological adhesions] Spetsial' ... 1966 ... 273 p

ADHESIVES

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ADHESIVES—TESTING

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Determination of estrogens in cutaneous fat ... 1964

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ADRENAL CORTEX

Changes in the differential leucocyte count in sheep as related to the injection of ACTH, acetylcholine, atropine, ephedrine, and ergotamine ... 1964

Correlation of the changes in the function of the adrenal cortex with the blood and brain cholinesterase activity under the effect of picrotoxin ... 1964

Effect of liquid extract from the roots of Eleutherococcus on the hypophyseal-adrenocortical system ... 1964

Effect of some monoamine oxidase inhibitors on the hypophyseal-adrenocortical system ... 1964

Evaluation of the test for the determination of the functional state of the adrenal cortex ... 1964

Histochemical changes in the adrenal cortex of rats with acute radiation sickness ... 1964

Mechanism of the effect of phenamine on the hypophyseal-adrenal system ... 1964

Some current problems connected with the study of the function of adrenal glands in balneophysiotherapy ... 1964

ADRENAL CORTEX—INNERVATION

Effect of vagosympathetic trunks on the activity of the adrenal cortex ... 1964

ADRENAL GLANDS

Changes in the thymus and adrenal glands of rats during the growth of a transplanted tumor ... 1964

Effect of toad vitamin A doses on the ultrastructure of electrolyte metabolism in ... 1964

... of the adrenal glands ... 1964

ADRENOCORTICAL HORMONES

Effect of mineralocorticoids on the motor and secretory function of the stomach ... 1964

Isolation of 17-hydroxyprogesterone in the liver of healthy dogs and dogs exposed to ionizing radiation ... 1964

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Regulation of the activity of alanine-glutamate transaminase and glutamate-aspartate transaminase of the liver and kidneys by adrenocortical and thyroid hormones ... 1964

ADRENOCORTICAL HORMONES—PHYSIOLOGICAL EFFECT

Effect of glyco-corticosteroids on the concentration of nicotinamide dehydrogenase and nicotinamide phosphatide dehydrogenase in cellular fractions of the liver and kidneys in rabbits ... 1964

ADRENOCORTICAL HORMONES—THERAPEUTIC USE

Clinical characteristics of complications in steroid therapy and measures for their prevention ... 1964

ADSORBENTS

Adsorption of gases on adsorbents of varying nature in the regions of low pressure and temperature ... 1964

Adsorptive properties and secondary porous structure of adsorbent having molecular-sieve effect ... 1964

Porous structure of adsorbents and catalysts ... 1964

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Adsorption of carbon disulfide by anion-exchange resins ... 1964

Adsorption of chlorophyll (a+b) on coarse-pored alumina gel ... 1964

Adsorption structure of thermally treated titanium dioxide ... 1964

Adsorption of water vapors on cation-substituted Askan clay ... 1964

Adsorption of water vapors on silica gel modified by dibutyl phthalate preadsorption ... 1964

Adsorption of water vapors on the surface of microcrystals ... 1964

Absorptive properties of carbon adsorbents, Report No. 6 ... 1964

Change of free energy during the displacement of water from the surface of activated carbon by benzene adsorbed from aqueous solutions ... 1964

Characteristics of water behavior during its adsorption from diluted solutions by synthetic zeolites ... 1964

Chromatographic method of studying the adsorption of hydrocarbons on an aluminum-chromium-potassium catalyst ... 1964

Gas chromatography of molecules of various spatial structures on graphitized carbon black ... 1964

Kinetics of adsorption and desorption of water vapors on silica gels of varying porous structure ... 1964

Low-temperature adsorption of krypton and xenon on carbon at low pressures ... 1964

Possible effect of surface migration on the kinetic characteristics of oxygen adsorption by tungsten ... 1964

Processes of short-cycling adsorption for the recovery of condensate and thorough drying of gas ... 1964

Properties of metal-adsorbent systems ... 1964

Simultaneous adsorption of sulfide anions and all ... 1964

Adsorption of potassium from aqueous solutions ... 1964

Studies of liquid adsorption ... 1964

Strength of highly dispersed porous structures ... 1964

Structure and adsorption properties of metal oxides and metal oxides ... 1964

ADSORPTION—THERMODYNAMICS

Adsorption of hydrocarbons and water from the ... 1964

ADULT EDUCATION

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ADVERTISING—TEXTILES; FABRICS see under Novosilsk

ADZHARISTAN—FLAX

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AERIAL PHOTOGRAMMETRY

Akademiya nauk SSSR ... 1964

Integral methods of the interpretation of aerial ... 1964

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AERIAL PHOTOGRAPHY IN GEOGRAPHY

Aerial methods in economic geographical investigations ... 1964

AERODYNAMIC MODELS

Simulation of a jet screen ... 1964

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Aerodynamic interference of profiles in subsonic ... 1964

Effect of a moving pressure wave of finite extent ... 1964

Method for calculating the effect of gusts on the ... 1964

Some exact solutions to the problem of supersonic ... 1964

AERODYNAMICS, HYPERSONIC

Aerodynamic characteristics of rectangular plates in hypersonic rarefied gas flow ... 1964

Hypersonic flow around conical bodies ... 1964

AERODYNAMICS, SUPERSONIC

Analysis of flows around elliptic cones ... 1964

Bodies formed by flow surfaces of conical curvatures ... 1964

Flow at incidence past a permeable cone ... 1964

AERODYNAMICS, SUPERSONIC (Continued)

Supersonic airflow past blunt bodies allowing for equilibrium physicochemical transformations. S.M. Gillsht, N.E. Mal'nova. Izv. AN SSSR, Mekh. zhid. i gaz. no. 1 16-21 Ja-F '66.

Supersonic gas flow around a cylindrical obstacle on a plate. D.M. Vollenko, A.I. Zubkov, I.U.A. Panov. Izv. AN SSSR, Mekh. zhid. i gaz. no. 1 121-125 Ja-F '66.

AERODYNAMICS, SUPERSONIC—BOUNDARY VALUE PROBLEMS

Numerical solution of the problem of supersonic flow at incidence around conical bodies. N.A. Makhin, V.F. Sigaev. Izv. AN SSSR, Mekh. zhid. i gaz. no. 1 140-142 Ja-F '66.

AERODYNAMICS, TRANSONIC

Oscillations of a cascade of profiles in transonic gas flow. D.N. Gorolov. Izv. AN SSSR, Mekh. zhid. i gaz. no. 1 60-74 Ja-F '66.

AERONAUTICAL SOCIETIES

Strengthening the power of the motherland. Kiy. rod. 17 no. 51 My '66.

AERONAUTICAL SPORTS

(see also subdivision under Latvia)

Aid to the sportsman. Kiy. rod. 17 no. 5 inestri-16 My '66.

Facts, events, people. Kiy. rod. 17 no. 5:20-21 My '66.

On the blue ring. B. Porfirov. Kiy. rod. 17 no. 5:10-11 My '66.

AERONAUTICS

Around the world of aviation. Grazhd. av. 22 no. 4:30 Ap '65.

Chronicle of heroism. Kiy. rod. 17 no. 5:2-4 My '66.
Our own sky calls us. Evgenii Molokanov and others. Kiy. rod. 17 no. 5:8-9 My '66.

AERONAUTICS—ABSTRACTS

[Air transportation] Ref. zhur.: Vozd. transp. no. 4 Ap '66. Predmotnyy ukazatel' za 1966 g.

AERONAUTICS—FLIGHTS see subdivision under Airc. regions

AERONAUTICS—STUDY AND TEACHING

Meeting of experience with science. A. Metlin. Grazhd. av. 22 no. 4:24 Ap '65.

AERONAUTICS, COMMERCIAL

(see also subdivision under Alma-Ata, Caucasus, Northern; Domodedovo, Moscow Province, Krasnoyarsk Territory, Leningrad Province, Moll; Mineral'nyye Vody, Stavropol Territory, Ryzan, Tashkent)

Communist Youth League matters for the party. A. Sokolov, V. Linnikov. Grazhd. av. 23 no. 5:8 My '66.

Defunct landmarks. P. Chulkov. Grazhd. av. 23 no. 5:2-3 My '66.

Five answers to two questions. G.S. Ivanov and others. Grazhd. av. 22 no. 4:13 Ap '65.

For you, passengers. I. Neslarenko. Grazhd. av. 22 no. 4:12 Ap '65.

Safety plus regularity. A. Semenov. Grazhd. av. 22 no. 4:2-3 Ap '65.

Trade-union matters on the pages of newspapers. V. Mishinkin. Grazhd. av. 22 no. 4:10 Ap '65.

Under the banner of the immortal Lenin. Grazhd. av. 22 no. 4:1 Ap '65.

Winds of long-distance flights. Grazhd. av. 22 no. 5:1-6 S '65.

AERONAUTICS, COMMERCIAL—FINANCE

Arithmetic, a useful science. A. Lablin. Grazhd. av. 22 no. 5:24-25 S '65.

Profitability and reservation. I. Telman. Grazhd. av. 22 no. 5:24-25 S '65.

AERONAUTICS, COMMERCIAL—JOURNALISM see subdivision under Krasnoyarsk Territory

AERONAUTICS, COMMERCIAL—STUDY AND TEACHING

(see also subdivision under Ulyanovsk; Yegor'yevsk, Moscow Province)

At training institutions. Grazhd. av. 22 no. 5:12 S '65.
From where comes insufficient training? B. Vinogradov, I.U. Kochergin. Grazhd. av. 23 no. 5:18-19 My '66.

AERONAUTICS, COMMERCIAL—TECHNOLOGICAL INNOVATIONS

Technological innovations. Grazhd. av. 22 no. 5:13 S '65.

AERONAUTICS, MILITARY

Birth of initiative. N. Belovol. Sov. voen. 47 no. 17:22-24 S '65.

Engineering research. V. Filimonov. Av. i kosm. no. 5:77-81 My '66.

Under any conditions. V.S. Fedorov. Vest. protivovozd. obor. no. 3:14-18 Mr '66.

AERONAUTICS, MILITARY—SAFETY MEASURES

The party organization fights for accident free flights. A.G. Smolodurov. Vest. protivovozd. obor. no. 8:12-15 Ag '65.

We should increase the responsibility of airmen for the safety of flights. D. Parolainikov. Komm. Vooruzh. Sil. 47 no. 9:41-45 My '66.

AERONAUTICS, MILITARY—STUDY AND TEACHING

Always on the alert. I.V. Kuznetsov. Vest. protivovozd. obor. no. 8:25-29 Ag '65.

Part of the instruction and training of flying personnel. S.A. Gubaev. Mor. sboi. 17 no. 2:56-63 F '64.

The seventh warning. M. Golyshev. Av. i kosm. no. 5: 88-90 My '66.

To new heights of skill, aviators! Vest. protivovozd. obor. no. 8:21-24 Ag '65.

Traditions in teaching. M. Sidorov. Av. i kosm. no. 5:20-21 My '66.

AERONAUTICS, MILITARY—TECHNOLOGICAL INNOVATIONS

People of keen thought. A.G. Ageev, A.M. Sliznev. Vest. protivovozd. obor. no. 8:53-55 Ag '65.

AERONAUTICS IN AGRICULTURE

(see also subdivision under Dnepropetrovsk; Krasnodar Territory)

Both economy and quality. I. Vyshenkov, M. Slavkov. Grazhd. av. 22 no. 4:9 Ap '65.

Hectares of the sky. Grazhd. av. 22 no. 4:5 Ap '65.

Helicopter over the fields. M. Gorbachev. Grazhd. av. 22 no. 4:28 Ap '65.

Paired on in shifts? R. Zharebov, P. Lukashev. Grazhd. av. 22 no. 8:22-23 S '65.

A screen of bad management. Grazhd. av. 22 no. 4:22-23 Ap '65.

So that the orchards may bloom. V. Vnuk. Grazhd. av. 23 no. 5:14 My '66.

AERONAUTICS IN THE MICA INDUSTRY

Mica tips. Grazhd. av. 23 no. 5:21 My '66.

AEROSOL THERAPY

Use of narcotics and electroaerosols. L. Vlasov, J. Reimol. Veterinaria 42 no. 3:98-99 Mr '66.

AEROSOLS

Absorption of light by atmospheric aerosols. G. Sh. Livshits, V.E. Pavlov, S.N. Millutin. Trudy Astrofiz. inst. AN Kazakh SSR 7:85-90 '66.

Atmospheric polarization of light in the case of dry and moist aerosols. E.V. Piskovskaya-Pasenkov. Trudy Astrofiz. inst. AN Kazakh SSR 7:78-84 '65.

Importance of longitudinal diffusion in the filtration of aerosols by layers of fibrous materials. L.V. Radushkevich. Zhur. fiz. khim. 10 no. 2:3170321 F '66.

Moisture increase on the droplet of a solution of hygroscopic substance falling in aqueous aerosol. K.V. Romanov, V.A. Fedoseev, O.M. Todes. Koll. zhur. 28 no. 2:268-274 Mr-Apr '65.

AEROSOLS

Mixed infection of ornithosis and influenza viruses with aerosol. I.I. Tsiskikh, A.I. Gromyko. Vop. virus. 11 no. 1:80-84 Ja-F '66.

AEROSOLS—MICROBIOLOGY

Mixed infection of ornithosis and influenza viruses with aerosol. I.I. Tsiskikh, A.I. Gromyko. Vop. virus. 11 no. 1:80-84 Ja-F '66.

AEROSOLS—OPTICAL PROPERTIES

Polydisperse scattering indicatrices with Young distribution of particles by size. T.P. Toropova, S.O. Obasheva. Trudy Astrofiz. inst. AN Kazakh SSR 7:94-95 '66.

Some properties of polydisperse media with Young distribution of particles by size and refraction coefficients of 1.25 and 1.50. T.P. Toropova. Trudy Astrofiz. inst. AN Kazakh SSR 7:97-103 '66.

AESTHETICS

(see also subdivision under Caucasus)

Certain gnoseological problems of art. V.P. Tugarinov. Nauch. dokl. vye. shkoly filoz. nauk. 9 no. 2:61-66 '66.

Critical review of some problems of contemporary bourgeois aesthetics. M.V. Iloncharenko. Rad. lit. 10 no. 3:77-81 Mr '66.

Natural foundations of a sense of beauty. S.F. Chunaev. Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Filoz. no. 7:177-189 '65.

Stambok, A.A. [The truth of artistic portrayal] Pravda khudozhestvennogo izobrazheniya. Moskva, Sovetskii khudozhnik, 1965. 72 p.

Study of the problem of the typical. Z. Zor'ianov. Vop. lit. 9 no. 11:206-210 N '65.

To "look" and to "see". I.A. Varshavskii. Mol. komm. no. 3:118-123 '66.

AESTHETICS—STUDY AND TEACHING

Alekseeva, V.V. [The role of artistic heritage in the aesthetic education of the people] Rol' khudozhestvennogo naslediya v esteticheskoy vospitatel'noy rabote. Moskva, Sovetskii khudozhnik [1965] 70 p.

Let's enhance the role of aesthetic education in schools. N.I. Tkachenko. Shkola i prodv. 10 no. 3:72-73 My '66.

Shekukha, G.I. [For parents on aesthetic education] Roditel'm ob esteticheskoy vospitatel'noy rabote. Ob-vo "Znanie" RSFSR Leningr. old-nle, 1965. 54 p.

Sinikov, I.U.A. [When the world of beauty is opened... the aesthetic education of children] Kogdy otkryvaetsia mir prekrasnogo... esteticheskoye vospitanie detei. Moskva, Znanie, 1964. 79 p. (Nudovnyy universitet Pedagogicheskii fakul'tet, no. 11)

Work and the development of the aesthetic sense at industrial plants. A. Shlysko. Prof. tch. oia. 23 no. 4:21 Ap '66.

A.FANAS'EV, GEORGI DMITRIEVICH, 1906-

Georgii Dmitrievich Afanas'ev, on the 60th birthday. Izv. AN SSSR. Ser. geol. 31 no. 3:104-105 Mr '66.

AFFORESTATION

(see also subdivision under Astrakhan Province, Krasnodar Territory, Ukraine)

Spot plantings of oak on Chestnut soils of the mid zone of Stavropol Territory. N.I. Fedotova. [Sboi: ab.] VNIILM no. 43, 91-91 '63.

AFGHANISTAN—DESCRIPTION AND TRAVEL

On the Afghan "silk road." V.I. Nakariakov. Nov. vrem. 23 no. 21:26-30 My '66.

A.FIMOV, VIKTOR

Song borne by the sea. A. Slobozhanuk. Sov. voen. 48 no. 9:13 My '66.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of Asia and Africa] Nov. sov. i inostr. lit. po stran. Az. i Afr. no. 3 '65.

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 7 '66.

AFRICA—COMMUNIST REVISIONISM

Exponents of neocolonialism as the interpreters of socialism. A. Lulnev. Mir. ekon. i mezhdunar. otn. no. 5:28-37 '66.

AFRICA—DIAMONDS

New diamond deposits in Africa. V.V. Soboleva. Razved. i okh. nedr. 31 no. 3:60-61 Mr '66.

AFRICA—ECONOMIC ASSISTANCE, BRITISH

Some forms of British neocolonialism in the developing countries of Africa. I.U. V. Ilin. Vest. LGU 21 no. 5: 24-34 '65.

AFRICA—HISTORY

Akademiia nauk SSSR, Institut Afriki. [Problems in the history of Africa] Problemy istorii Afriki. Moskva, Nauka, 1966. 265 p.

AFRICA—INDUSTRIES

Propects for the industrialization of Africa. A. Vladin. Nov. vrem. 23 no. 20:11-13 My '66.

AFRICA—INVESTMENTS, GERMAN

Early stage of the colonialist expansion of the German Empire in the first half of the 1880's. I.S. Charnyi. Uch. zap. MGPI no. 205:241-293 '64.

AFRICA—LITERATURES

'No man is an island unto himself...' (seminar on the story in the literatures of Asia and Africa). M. Salganik. Vop. lit. 9 no. 11:93-108 N '65.

AFRICA—POLITICS

Certain methodological problems in the study of "small imperialisms" in Africa. V.L. Sheinle. Vest. LGU 21 no. 5:136-139 '66.

AFRICA—SOCIALISM

Socialist conceptions of the revolutionary democrats of Africa. V. Savchuk. Ekon. Rad. Ukr. 8 no. 7:88-93 Ji '65.

AFRICA—TRADE UNIONS

Millions for undermining work. E. Makukhin. Sov. profsoyuz. 22 no. 7:42-43 Ap '66.

AFRICA, EAST—MYCOBACTERIUM

Correlation between the catalase activity and resistance to drugs in Mycobacterium tuberculosis circulating in southeastern Africa. M.P. Zykov. Zhur. mikrobiol., epid. i immun. 43 no. 3:49-53 Mr '66.

AFRICA, SOUTH—MILITARY ASSISTANCE, WEST GERMAN

Who is giving arms to Verwoerd and why? N. Pahl. Nov. vrem. 23 no. 21:22-23 My '66.

1520 t

AGRICULTURAL WORKERS—NUTRITION

Study of the nutrition of agricultural workers. A. B. Rukhovich. Vopr pit 23 no. 11-12 May-June '61

AGRICULTURE

(see also subdivision under Estonia, Koshonka Province, Krasnodar Territory, Mangyshlak Peninsula, Osetia, North, Ukraine; Ural'sk Province, Virgin Territory)

Agriculture in early Russia. B. Kafengauz. Nov mir 12 no. 3 268-270 Mar '66

Fertile floodlands as great potentialities. S. I. Agasieva. Zemledelie 28 no. 3 32-35 Mar '66

Fertility of our land, a review. Nov. vrem 23 no. 23-31 3 June '66

Following Lenin's course. Zemledelie 28 no. 11-3 Nov '61

[For a high standard of agriculture] Zn vysokulu kul'turu sel'skokhozhyaistvennogo proizvodstva. [Moskva] Mosk. rabochii, 1965. 206 p.

(DNAL)

Interesting achievements, inspiring prospects. L. A. Znamova, L. E. Sirotkina. Zemledelie 28 no. 3:8-10 Mar '66

Nestorov, V. G. [Cybernetics and agriculture; expanded verbatim report of a lecture read in the Central Auditorium of the All-Union Society "Znanie"] Kibernetika i sel'skoe khozaystvo, rasshitennaya stenografiya lektsii, predlagnaya v tsentrakh nom. lektsii Vsesoyuznogo obshchestva "Znanie." Moskva, Znanie, 1966. 61 p. (Novoe v zhizni, nauke, tekhnike. V seriya Sel'skoe khozaystvo, no. 8)

Strenuous work isn't over. V. Duvakina. Mol. komm. no. 6 37-42 June '61

AGRICULTURE—ABSTRACTS

[Agriculture; classed index of articles in foreign periodicals] Sel', khoz., sluzhba, st. v mostu zhur. no. 2 '66

AGRICULTURE—ACCIDENTS see subdivision under Khopersky (Volgograd Province), Pallasovka District

AGRICULTURE—ACCOUNTING

Improve the level of agricultural accounting. D. Vasil'yev. Bakhg. uch. no. 13-9 Mar '62

AGRICULTURE—AUDITING AND INSPECTION see subdivision under Sverdlovsk Province

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES

For scientific principles and profitability in agricultural management on virgin lands. N. Anisimov. Ekono. zhurn. 11 no. 4 118-123 Apr '66

AGRICULTURE—ECONOMIC ASPECTS

(see also subdivision under Mongolia; Siberia; Underdeveloped Areas, White Russia)

Economic principles of the systems of agricultural management. K. Obolenskii. Ekono. sel'khoz., 41 no. 1:15-20 Apr '66

The five-year plan for rural regions. F. Savitskii. Agritov. 31 no. 9 13-17 May '66

On the live material of collective farm production. N. G. Polikarov. Vest. vys. shkoly 24 no. 4 70-71 Apr '66

Problems of propagandizing economic knowledge in rural areas. V. A. N. vskii. Trudy VSNII no. 1:57-65 May '62

Rural workers struggle against monopolies. S. Nadein. Kommunist 43 no. 7 105-112 May '66

AGRICULTURE—EXPERIMENTATION

Toward new successes of young researchers. L. P. Torshko, A. A. Pionikova'kyl, T. II. Kostelska. Rad. shkol. 44 no. 2:71-77 Apr '66

AGRICULTURE—FINANCE see subdivision under Chuvashia; Slutsk District

AGRICULTURE—HANDBOOKS, MANUALS, ETC

New reference books. V mire knig 6 no. 3:21 Mar '66

AGRICULTURE—HYGIENIC ASPECTS

Hygiene of students' agricultural work. M. A. Shirova. Shkola i prosv. 10 no. 4:16-20 Apr '66

In the Kuban land. Okhr. truda i sots. strakh. 9 no. 4 14-15 Apr '66

AGRICULTURE—PERIODICALS

First journal on agriculture in Russia. E. M. Tsveiteva. Zemledelie 28 no. 3:75 Mar '66

AGRICULTURE—PRODUCTION STANDARDS see subdivision under Kazakhstan

AGRICULTURE—STUDY AND TEACHING

(see also subdivision under Lithuania)

Aesthetics of students' work. I. K. Matlusha. Rad. shkol. 41 no. 2:77-80 Apr '66

The dialectics of profit. A. Aleksandrov, A. Shapovalov. Mol. komm. no. 3:36-40 Mar '66

Let's acquaint students with the methods of cultivation. M. T. Lobov. Shkola i prosv. 10 no. 4:72-74 Apr '66

Let's follow the example of progressive workers. V. G. Iudetskaya. Prof. i tekhn. obr. 23 no. 4 17-18 Apr '66

AGRICULTURE, COOPERATIVE

The development of collective farms during the reconstruction of the national economy, 1921-1925. N. N. Sibirskov. Vest. LGU 21 no. 8:36-41 Aug '66

AGRICULTURISTS

Chief agronomist. A. Kovrik. Zemledelie 28 no. 3:49 Mar '66

Draft statute on agronomists. Zemledelie 28 no. 3 10-16 Mar '66

Problems facing an agronomist. Z. Radaeva. Zemledelie 28 no. 3 47-48 Mar '66

AIDS TO NAVIGATION

Cycloscopic indicator of turns of the ship. N. Stoizhev. Rech. transp. 21 no. 9 46-47 '65

AIR

Air in the processes of pressing of powdered hydrophilic fuels. V. G. Bul'ychev, N. I. Gamaunov, O. A. Tsyplakov. Koll. zhur. 28 no. 2:191-197 Mar-Apr '66

AIR—ANALYSIS

Physicochemical processes leading to the formation and decomposition of nitrogen oxides in the air under the effect of nuclear and ionized radiation. M. I. Dmitriev. Trudy NIIGMP no. 13:60-66 '65

AIR—MICROBIOLOGY

Bactericidal irradiation of the air in drugstores. D. A. Zil'ber, A. I. Olekinovich. Apt. delo 13 no. 6:8-12 Nov '61

AIR—POLLUTION

Kozlik, I. V. [Methods for testing air dustiness in working areas] Metody ispytovaniya zapylenosti vozdukhа rabochikh pomeshchenii. Moskva, TSentr. in-t usovershenstvovaniya vracheb. 1965. 57 p. [MICROFILM]

Russia (1923- U.S.S.R.) Glavna gosudarstvennaya sanitarnaya inspeksiya. [Technical conditions for the methods of determining harmful substances in the air] Tekhnicheskie uslovia na metody opredeleniya vrednykh veshchestv v vozdukh. Moskva, Meditsina. No. 4. 1965. 178 p.

AIR BLADDER (IN FISHES)—DISEASES

Contagiousness of the air-bladder disease in carp. N. M. Arshanlian. Veterinaria 42 no. 3:50-57 Mar '66

Microflora of carp in inflammation of the air bladder. K. A. Lobutsov. Veterinaria 42 no. 3:37-39 Mar '66

AIR COMPRESSORS

Automatic compressor unit. L. A. Kuznetsov. Bezop. truda v prom. 7 no. 11:26 Nov '63

Increasing the productivity of a piston compressor by using acoustic supercharge. V. I. Kiselev, V. V. Alekseev. Izv. vys. ucheb. zav., geol. i razv. 9 no. 4 125-129 Apr '66

AIR COMPRESSORS—COST OF OPERATION

Determining the cost of compressed air depending on its pressure. G. T. L'vovskii. Met. i gos. prom. no. 2:66-67 Mar-Apr '66

AIR CONDITIONING

Air cooling and dust removal in centrifugal ventilators. L. Pavlukhin, A. Savina. Okhr. truda i sots. strakh. 9 no. 5:39-40 May '66

AIR CONDITIONING—EQUIPMENT AND SUPPLIES

see subdivision under Armenia

AIR DEFENSES, MILITARY

Air defense forces in the Great Patriotic War. 4. In the victorious campaigns of 1944. N. A. Svetlshin. Vest. protivovozd. obor. no. 4:78-80 Apr '66

Calculation of the limits of interception. L. B. Goroshchenko. Vest. protivovozd. obor. no. 3 69-74 Mar '66

Carefully preserve and increase the combat traditions of the Soviet Army. Air Defense Forces. I. A. Tormozov. Vest. protivovozd. obor. no. 3 55-60 Mar '66

Contribution of scholars to the development of Soviet science. S. F. Nilovskii. Vest. protivovozd. obor. no. 3 50-53 Mar '66

Important landmarks on the way to communism. I. F. Khalipov. Vest. protivovozd. obor. no. 3:3-8 Mar '66

Inexhaustible source. M. V. Levin. Vest. protivovozd. obor. no. 4:11-15 Apr '66

Leninist style in the work of every officer. I. F. Khalipov. Vest. protivovozd. obor. no. 4:3-9 Apr '66

My word to you, young friends. A. A. Ostrov. Vest. protivovozd. obor. no. 3:45-48 Mar '66

On the call of the heart. P. M. Stefanovskii. Vest. protivovozd. obor. no. 8:74-78 Aug '65

Such are workdays with missiles. I. P. Dobrov. Vest. protivovozd. obor. no. 3:40-44 Mar '66

Workday of inceptors. S. B. Shmal'ing, A. P. Kharev. Vest. protivovozd. obor. no. 4:38-39 Apr '66

Years of creativity and persistent work. A. I. Alkhaltov. Vest. protivovozd. obor. no. 3 9-13 Mar '66

AIR DEFENSES, MILITARY—EQUIPMENT AND SUPPLIES

There are no reclamations. M. A. Bragin'skii. Vest. protivovozd. obor. no. 3:35-39 Mar '66

Use the combat possibilities of equipment more fully. N. D. Grebennikov. Vest. protivovozd. obor. no. 8:3-5 Aug '65

Utilizing the resources of equipment more fully. A. I. Ikhlyshin. Vest. protivovozd. obor. no. 1:18-22 Apr '66

AIR DEFENSES, MILITARY—STUDY AND TEACHING

Caring for the training standard of every soldier. A. P. Khochin. Vest. protivovozd. obor. no. 1 14-17 Apr '66

Experience of troops in the training process. F. M. Tetekhov. Vest. protivovozd. obor. no. 4:57-59 Apr '65

From frontier to frontier. A. K. Mezenisev. Vest. protivovozd. obor. no. 3 24-27 Mar '66

Greater attention to the training of the staffs of small units. D. D. Smirnov. Vest. protivovozd. obor. no. 8:30-38 Aug '65

Increasing the role of teachers in educational work. I. U. P. Bazhanov. Vest. protivovozd. obor. no. 4:43-45 Apr '65

To our own party. I. S. Chasovskikh. Vest. protivovozd. obor. no. 3 32-31 Mar '66

The training of cadres should be on a scientific basis. I. U. P. Bazhanov. Vest. protivovozd. obor. no. 1:23-26 Apr '66

Urgent tasks of military educational institutions. P. K. Demidov. Vest. protivovozd. obor. no. 8:7-11 Aug '65

Using the comprehensive method creatively. Vest. protivovozd. obor. no. 1:28-31 Apr '65

We are improving combat skill. V. M. Puchkovskii. Vest. protivovozd. obor. no. 3 19-23 Mar '66

AIR FILTERS

Purification of air entering gas turbine installations. V. N. Stechenko. Gaz. prom. 11 no. 4 23-26 '66

AIR FLOW

Suspension flow in a Laval nozzle. G. A. Komov. Inzh. i fiz. zhur. 10 no. 3:368-373 Mar '66

Transport processes occurring when the fuel-oxidizer mixture is injected into the reacting boundary layer. A. L. Mosseev, G. T. Sergeev. Inzh. i fiz. zhur. 10 no. 3 311-317 Mar '66

Uniform helical fluid motion in a diaphragmed cone. S. A. Bostantshilin. Izv. AN SSSR. Mekh. zhid. i gaz. no. 1:14-20 Jan-Feb '66

AIR FORCES see subdivision 'Air force' under Russia

AIR PREHEATERS

Air preheater made from glass tubes. A. F. Gorelov. Diekt. sta. 36 no. 7:75-76 Jul '65

AIR TRAFFIC CONTROL

Controller device. P. M. Ereemov. Vest. protivovozd. obor. no. 8:67-69 Aug '65

AIR WARFARE

Attack with an account of the accompanying jet of the target. V. V. Iukoshkov. Vest. protivovozd. obor. no. 4 38-40 Apr '66

Attacking ground targets from low altitudes. V. Beliaev. Av. i kosm. no. 5:46-49 May '66

Search and attack of slow-moving aerial targets. A. Pashkin. Av. i kosm. no. 5:11-15 May '66

AIR WARFARE—STUDY AND TEACHING

Tactical skill of the pilot. V. A. Kuznetsov. Vest. protivovozd. obor. no. 8:30-35 Aug '65

AIRCRAFT—DESIGN AND CONSTRUCTION

Aviation and aesthetics. A. Tananov. Grazi. av. 22 no. 4:20-21 Apr '65

Marchenko, V. M. [Temperature fields and stresses in aircraft structures] Temperaturnye polia i napriazhenia v konstruktsii letatel'nykh apparatov. Moskva, Mashinostroenie, 1965. 298 p.

AIRFOILS

Effect of a moving pressure wave on finite extent on a thin airfoil. E. A. Krasil'shchikova. Izv. AN SSSR. Mekh. zhid. i gaz. no. 1 61-68 Jan-Feb '66

Method for calculating the effect of gusts on an arbitrary thin airfoil. S. M. Belotserkovskii. Izv. AN SSSR. Mekh. zhid. i gaz. no. 1:61-60 Jan-Feb '66

- ALAKOL'** see subdivision under Tashkent
- ALAKOL' LAKES** see subdivision under Tashkent
- ALAKOL' LAKES—PILGRI**
Pilgrimage of the Alakol' Lakes. T. V. Kuznetsov. Trudy Old. geog. AN Kazakh SSR no. 12:106-107 1965
- ALAKOL' LAKES—PIRGH**
Biology of the white perch (*Perca schrenkii*) in the Alakol' Lakes. K. P. Lygina. Trudy Old. geog. AN Kazakh SSR no. 12:106-107 1965
- ALAKOL' LAKES—PIRGH**
Biological foundations and features of the fish fauna of the Alakol' Lakes. K. P. Lygina. Trudy Old. geog. AN Kazakh SSR no. 12:106-107 1965
- ALAKOL' LAKES—SILT—ANALYSIS**
Some data on the chemical composition of the sediments of the lakes of the Alakol' group. T. V. Kuznetsov. Trudy Old. geog. AN Kazakh SSR no. 12:106-107 1965
- ALAKOL' LAKES—TEMPERATURE**
Thermal regime of the Alakol' Lakes. R. D. Kurdin. Trudy Old. geog. AN Kazakh SSR no. 12:106-107 1965
- ALAKOL' LAKES—WATER—COMPOSITION**
Hydrochemical regime of the Alakol' Lakes. R. D. Kurdin. Trudy Old. geog. AN Kazakh SSR no. 12:106-107 1965
- ALAKOL' LAKES—WATER**
Wind waves in the Alakol' Lakes. R. D. Kurdin. Trudy Old. geog. AN Kazakh SSR no. 12:106-107 1965
- ALANINE**
Chlorophyll mutant resistant to beta-nitrophenyl. L. A. Zakharova. Genetika no. 1:115-117 1965
Separation of racemic D,L-alanine into optical isomers by their diastereomeric derivatives with L-proline. V. K. Butskanov, K. T. Dorashina, S. D. Kabanov. AN Tashkent SSR no. 1:21-26 1965
- Synthesis of β -(pentafluorophenyl)alanine. M. V. Shishkin, V. P. Manarov, Zhur. ob. khim. 30 no. 4:122-123 1965
- Synthesis of polycholates based on poly-L-alanine. S. S. Ivanov, L. P. Gavrushchikova, M. M. Kotov. Vysokomol. soed. 8 no. 3:470-475 1965
- ALATAU, KUZNETSK** see Kazanetskiy Alatau
- ALBANIAN** see subdivision under Azerbaijan
- ALBERON**
Organic reagents in the analytical chemistry of the soil and humus. Report No. 1. Albeon and its derivatives. L. V. Albeon, V. S. Shishkinov. Trudy Old. geog. AN Kazakh SSR no. 12:106-107 1965
- ALBITE**
Characteristics of biochemical decomposition of albitic acid. L. N. Andreyev-Kuznetsov, L. V. Albeon, V. A. Albeon. Izv. vuzov no. 7:54-55 1965
- ALBOMYCIN**
Chemical structure of the antibiotic albomycin. Part II. Bioluminescence of albomycin fractions. G. I. Lavrenko, N. P. Logunova, N. A. Poddubnaya. Zhur. ob. khim. 30 no. 4:680-687 1965
- Effect of penicillin and albomycin administration on the level of liver glycogen in guinea pigs. A. F. Galitskiy. Antibiotiki 10 no. 4:338-341 1965
- ALCOHOLATES**
Solubility of alkali metal methylates with methanol. S. I. Idrak, R. Kh. Kuznetsova, M. Kh. Kuznetsov. Teoret. i eksper. khim. 3 no. 1:52-53 1965
- ALCOHOLISM AND CRIME**
Tchachovskiy, I. M. [Crime and alcoholism] *Prisutstvo i alkoholizatsiya*. Moscow, Znaniye, 1965, 76 p. (Narodnyi universitet. Fakul'tet pravovykh nauk, no. 3)
- ALCOLOMETRY**
Dmitrii Ivanovich Mendeleev, creator of the scientific basis of modern alcoholometry. S. Z. Ivanov. Yerni i spir. prom. 32 no. 3:44-45 1965
- ALCOHOLS**
Application of the gas-liquid chromatography method to the analysis of the mixtures of aliphatic alcohols with water. L. I. Butskanov. Khim. i tekhn. topl. i energ. 10 no. 4:82-81 1965
- Catalytic ketonization of n- and primary n- alcohols. V. A. Komarov, P. V. Maslov, Zhur. ob. khim. 30 no. 2:304-308 1965
- Effect of aliphatic alcohols on the structure formation and strength of white often pastes in polysiloxane. T. I. Zaitseva, A. A. Trajanznikova, N. E. Shchurukova. Koll. zhur. 28 no. 2:313-318 1965
- Interaction of alcohols and products of their decomposition with yttrium oxide studied by infrared spectroscopy. M. B. Krasnoludskaya, V. I. Lygin, K. V. Topolova. Teoret. i eksper. khim. 2 no. 1:89-90 1965
- AKHALTSIKHE REGION (GEORGIA)—COAL MINES AND MINING**
Mikheev, I. G. [Some problems of the mobility of clay rocks] *Nekotorye voprosy podvizhnosti glinistykh porod*. Tbilisi, Metsnereba, 1968, 137 p.
- AKHMATOVA, ANNA ANDREYEVNA, 1888-1980**
Poets don't die. Al. Surkov. Nov. mir 12 no. 3:283-284 1966
- Value of talent. A. Tvardovskiy. Nov. mir 12 no. 3:285-288 1966
- AKKURGAN DISTRICT—AGRICULTURE—CONGRESSSES**
Study economics. Ekonomika 8 no. 3:69-71 1966
- AKMOLINSK PROVINCE** see Tselinograd Province
- AKTYUBINSK—IRON INDUSTRY—COSTS**
Iron alloys are still expensive. R. Korlovskiy. Nauch. zh. 23 no. 2:43-46 1965
- AKTYUBINSK—IRON INDUSTRY—MANAGEMENT**
Creative search and its results. R. Korlovskiy. Nauch. zh. 23 no. 3:57-59 1965
- AKTYUBINSK PROVINCE—WATER, UNDERGROUND**
Determination of the coefficient of the underground discharge of structures of the Saybulinsk biachysyneline in the Aktyubinsk portion of the Ural Mountain region. G. N. Vlasov. Izv. AN Kazakh SSR Ser. geol. 23 no. 2:75-76 1965
- ALAKOL' DEPRESSION—CLIMATE**
Climatic characteristics of the Alakol' Depression. T. N. Trifonova. Trudy Old. geog. AN Kazakh SSR no. 12:26-39 1965
- ALAKOL' DEPRESSION—GEOMORPHOLOGY**
Geographical position and surface structure of the Alakol' Depression. A. V. Popov. Trudy Old. geog. AN Kazakh SSR no. 12:3-25 1965
- ALAKOL' DEPRESSION—PHYTOGEOGRAPHY**
Vegetation of the Alakol' Depression. O. M. Nasonova. Trudy Old. geog. AN Kazakh SSR no. 12:68-70 1965
- ALAKOL' DEPRESSION—RIVERS**
The regime of rivers and intermittent streams in the Alakol' Depression. V. M. Boldyrev. Trudy Old. geog. AN Kazakh SSR no. 12:52-61 1965
- ALAKOL' DEPRESSION—SOILS**
Soil cover of the Alakol' Depression. P. I. Shishkinov. Trudy Old. geog. AN Kazakh SSR no. 12:62-68 1965
- ALAKOL' DEPRESSION—WIND POWER**
Wind power resources of the Alakol' Depression and their utilization in the national economy. T. M. Trifonova. Trudy Old. geog. AN Kazakh SSR no. 12:30-51 1965
- ALAKOL' LAKES—COAST CHANGES**
Shore morphology and dynamics of Lake Alakol'. R. A. Kazanetskiy. Trudy Old. geog. AN Kazakh SSR no. 12:88-121 1965
- ALAKOL' LAKES—DESCRIPTION**
Morphometry of the Alakol' Lakes. P. P. Filonov. Trudy Old. geog. AN Kazakh SSR no. 12:79-87 1965
- ALAKOL' LAKES—EVAPORATION (METEOROLOGY)**
Water losses due to evaporation from the surface of Lake Alakol'. T. M. Trifonova. Trudy Old. geog. AN Kazakh SSR no. 12:172-181 1965
- ALAKOL' LAKES—FISHERIES**
Present utilization of fish resources of the Alakol' Lakes and outlook for their increase. N. G. Nekrashevich. Trudy Old. geog. AN Kazakh SSR no. 12:296-306 1965
- ALAKOL' LAKES—FISHES**
Ichthyological materials of the Alakol' Lakes. N. G. Nekrashevich. Trudy Old. geog. AN Kazakh SSR no. 12:236-268 1965
- ALAKOL' LAKES—FISHES—FOOD**
Food resources of the Alakol' Lakes and their utilization by fishes. E. V. Logunovskiy. Trudy Old. geog. AN Kazakh SSR no. 12:223-235 1965
- ALAKOL' LAKES—HYDROLOGY**
Level regime of the Alakol' Lakes. V. I. Korovin, R. D. Kurdin. Trudy Old. geog. AN Kazakh SSR no. 12:122-140 1965
- Studying the relations between the level of Lake Alakol' and the hydrometeorological factors. V. I. Korovin. Trudy Old. geog. AN Kazakh SSR no. 12:141-160 1965
- ALAKOL' LAKES—ICE**
Ice regime of the Alakol' Lakes. R. D. Kurdin. Trudy Old. geog. AN Kazakh SSR no. 12:106-208 1965

- ALCOHOLS (Continued)**
Mass spectra of some cyclic alcohols. A. A. Pollakova, T. I. Popova, M. I. Khotimskaya, Neftekhimika 6 no. 1:150-157 Ja-F '66.
Selective reduction of nicotinic acid by alcohols in the vapor phase. S. D. Melnikov, O. V. Narimanbekov, Neftekhimika 3 no. 2:237-245 Mr-Apr '65.
Synthesis of methylisobutylcarbinol and dimethylpyrrolcarbinol by sulfuric acid hydration of a propylene dimer. V. Sh. Fedulov, I. U. G. Osokin, Neftekhimika 5 no. 2:234-236 Mr-Apr '65.
Synthesis of potential antineoplastic compounds derived from some aliphatic alcohols. R. M. Lagidze, A. I. Dvashvili, R. M. Akhmediani, Soob AN Gruz SSR 11 no. 2:320-326 Jr '66.
Vinylation of amino alcohols at atmospheric pressure. I. A. Chelkova and others, Zhur. prikl. khim. 39 no. 3:711-716 Mr '66.
- ALCOHOLS—PHYSIOLOGICAL EFFECT**
Pharmacology of amino alcohols of the acetylene series. M. A. Razumova, Farm. i toke, 28 no. 2:153-158 Mr-Apr '65.
- ALCOHOLYSIS**
Continuous method of alcoholysis under the action of acoustic vibrations. K. M. Gol'dberg, M. M. Fulevich, I. A. Zaslavskii, Lakokazmat i khim. no. 2:61-67 '65.
- ALDEHYDES**
Determination of aldehyde groups in cellulosic materials based on the diffuse reflection spectra in the ultraviolet. I. N. Ermolenko, L. N. Kluchnikova, M. Z. Gavrilov, Zav. lab. 32 no. 4:434-438 '66.
New method of introducing aldehyde groups into polymer macromolecules containing nitrile groups. N. F. Kononova and others, Vysokom. soed. 8 no. 3:422-426 Mr '66.
- ALDEHYDES—PHYSIOLOGICAL EFFECT**
Effect of aldehydes and ketones on enzymatic decomposition of isonicotinic acid hydrazide. L. I. Ghechemik, Farm. i toke, 28 no. 4:171-175 Ji-Ag '65.
- ALDOLASE**
Activity of aldolase in subcellular elements of the muscles under normal conditions and in muscular dystrophy. Vop. mod. khim. 12 no. 2:193-195 Mr-Apr '66.
Effect of radiolabeled embol preparation on the change in glucose phosphate isomerase and aldolase. I. E. M. Vasyutynska, Ukr. biokhim. zhur. 30 no. 2:146-154 '66.
- ALEKSANDROV, IVAN GAVRILOVICH, 1875-1930**
Scientists and engineers. Shkola i polov. 10 no. 4:194-200 Ap '65.
- ALEKSEEV, ALEKSEI ALEKSEEVICH, d 1965**
To the memory of A. A. Alekseev; an obituary. Avtom. svai. 19 no. 3:80 Mr '66.
- ALEKSEEV, GEORGI DMITRIYEVICH**
Dear features. D. Zorin, Voen. zhur. 42 no. 4:3 Ap '66.
- ALEKSEEV, MIKHAIL, 1893-**
Tales of the Byansk forest. Nat. khim. Nov. mir 42 no. 1:245-251 Ja '66.
- ALEKSENKO, GENNADI VASIL'EVICH, 1900-**
G. V. Alekseenko; on his 60th birthday. Elektrotehnika 37 no. 4:404 Ap '66.
G. V. Alekseenko; on his 60th birthday. Prom. energ. 21 no. 1:63-64 Ap '66.
- ALFALFA—DISEASE AND PEST RESISTANCE**
Resistance of clover and alfalfa varieties to root rot. P. A. Lubenets, Sbor. trud VIR no. 2:61-65 '61.
- ALGAE**
(see also subdivision under Kedrovaya Pad' Preserve; Soviet Central Asia)
Dependence of the photosynthesis of *Proocentrum micans* and *Gymnodinium kowalevskii* on solar radiation intensity. D. K. Aklintsa, Fiziol. rasi. 13 no. 2:228-230 Mr-Apr '63.
Photoreduction of algae. M. V. Ulubekova, Usp. sov. biol. 61 no. 2:294-311 Mr-Apr '66.
Study of phosphorus metabolism in protozoal algae. S. S. Baslavskaya and others, Nauch. dokl. vuz. shkoly biol. nauk no. 2:144-148 '66.
Synzoospores in algae and their experimental development in *Chlamydomonas glauca* Pascher. N. P. Gorbunova, Bot. zhur. 51 no. 3:382-388 Mr '66.
- ALGAE—CULTURES AND CULTURE MEDIA**
(see also subdivision under Ukraine)
Polymorphism in *Ankistrodesmus braunii* Braund. Report No. 2: Cultivation of *A. braunii* in solutions with a high content of salts. H. M. Palamari-Mordvinova, K. P. Petonko, Ukr. bot. zhur. 23 no. 2:60-65 '66.
- ALGAE—GENETIC RESEARCH**
Chlorophyll mutants resistant to beta-alanine and serine. I. A. Zakharenko, Genetika no. 3:115-117 '68.
- ALGAE, FOSSIL**
First All-Union Paleontological Conference. Z. V. Aleskhinskaya, N. G. Zaikina, Vest. Mosk. un. Ser. 5: Geog. 21 no. 2:126 Mr-Apr '66.
- ALGAE, FOSSIL—CONGRESSES**
First All-Union Paleontological Conference. L. A. Saldukova, Geol. zhur. 26 no. 1:127-128 '66.
- ALGERIA**
At the world map. A. Timofeev, Mezhdunar. zhurn. 13 no. 5:111-143 '60.
- ALGERIA—FRENCH NEWSPAPERS**
A carnival of victory. V. P. Kikht'ko, Sov. pech. no. 11: 31-55 N '64.
- ALGERIA—MINES AND MINERAL RESOURCES**
Algeria: Nationalization. N. Paklin, Nov. vrem. 23 no. 22:18 My '66.
- ALGERIA—YOUTH—CONGRESSES**
A relay of solidarity. P. Reshetov, Mol. komm. no. 3: 51-55 Mr '65.
- ALGORITHMS**
Algorithm for calculating shells of revolution by the method of differentiation. L. A. Rozin, L. B. Glimze, Metod. vych. no. 3:34-50 '66.
An algorithm for fast determination of the pseudomaxima of a function defined on an integral lattice in the case of bounded memory. G. M. Adelson-Vol'skii, A. A. Leman, Dokl. AN SSSR 167 no. 4:772-774 Ap '66.
Algorithms establishing congruences between letters of two different alphabets. B. V. Sukhotin, NTI no. 2:38-40 '66.
Algorithms for determining the spacing between words. E. M. Dzhalos, NTI no. 3:35-40 '66.
Babenko, L. P., and others. [System of automatic programming for the M-20 computer, address language translator] Sistema avtomaticheskogo programmirovaniia dlia mashiny M-20; translator's adresnogoazyka. Spravochnoe rukovodstvo. Kiev, Naukova dumka, 1965. 153 p.
- ALHAGI**
Methods of presowing treatment of Alhagi adana seeds. N. V. Oleinikova, Izv. AN Kazakh SSR, Ser. biol. nauk 2 no. 5:33-34 S-O '64.
- ALIMENTARY CANAL**
Permeability of the gastric wall and duodenum for vital stains. A. A. Komlin, A. A. Golova, T. N. Shpotto, Sbor. stud. nauch. rab. Arkh. gos. med. inst. no. 2:4-5 '63.
- ALIMENTARY CANAL—CANCER**
Causes of a late diagnosis of cancer of the organs of the gastrointestinal tract based on materials of the Faculty Surgical Clinic for 1962. A. I. Koltinko, A. I. Ivashina, Sbor. stud. nauch. rab. Arkh. gos. med. inst. no. 2:37-38 '63.
Functional changes in the vascular system in patients with cancer of the gastrointestinal tract. F. N. Zusanovich, Khirurgia 42 no. 4:108-113 Ap '66.
- ALIMENTARY CANAL—DISEASES**
Effect of intestinal parasites on the course of gastrointestinal diseases. V. M. Titunov, Sov. med. 29 no. 3:83-85 Mr '66.
Gubergit, A. I., L. A. Leshchinskii, and I. A. TSlim-mormina. [Prevention of gastrointestinal diseases] Preduprezhdeniye zheludочно-kishechnykh zabolevaniy. Izd. 2. Moskva, Meditsina, 1966. 63 p. (Nauchno-populnaya meditsinskaya literatura) (DNLM)
Our experience in the treatment and prevention of gastrointestinal diseases in calves. V. I. Davydov, V. S. Uchailin, Uch. zap. Mord. gos. un. no. 47:80-81 '65.
Transfusion of L-3 hydrolysin in children with pyoinflammatory diseases and lesion of the gastrointestinal tract. L. G. Smollik, N. S. Anishin, Sov. med. 29 no. 3:45-49 Mr '66.
- ALIMENTARY CANAL—MICROBIOLOGY**
Microbial picture of the gastrointestinal tract in newborn calves with dyspepsia. A. V. Sturman, Veterinaria 42 no. 3:30-31 Mr '66.
- ALIMENTARY CANAL—SECRETIONS**
Secretory activity of the alimentary canal in dogs with a nicotinic acid deficiency. M. F. Nesterin, IA Mikhlin Vop. pil. 23 no. 3:53-58 My-Je '64.
- ALKALI HALIDE CRYSTALS**
E. m. f. generation by the annealing of alkali halide crystals irradiated by beta-particles. V. A. Shibaev and others, Izv. AN SSSR, Ser. fiz. 30 no. 4:679-680 Ap '66.
- ALKALI HALIDE CRYSTALS—SPECTRA**
Ionic activation mechanism of the photochemical disintegration of color centers in alkali halide crystal phosphors. T. N. Zaitov, I. U. Lukanitsa, E. S. Dudarev, Izv. AN SSSR Ser. fiz. 30 no. 4:701-706 Ap '66.
Luminescence of localized electronlike excitations in alkali halide crystals. I. A. Valbis, V. E. Gravuris, Z. A. Rastvor, Izv. AN SSSR Ser. fiz. 30 no. 4:661-663 Jr '66.
- ALKALI LANDS** see Saline and alkali soils
- ALKALI METAL ALUMINATES—TESTING**
Automatic analysis of aluminate-alkaline solutions using the high-frequency method. L. A. Khotskii, V. A. Zaitov, I. U. A. Tonkushin, Zvr. lab. 31 no. 7:825-827 '65.
- ALKALI METAL CHLORIDES**
Separation of lithium and sodium chlorides in an extraction apparatus. E. M. Kuznetsova, G. M. Panchenkov, Zhur. fiz. khim. 40 no. 2:481-482 F '66.
- ALKALI METAL CHLORIDES—ELECTRIC PROPERTIES**
Electric conductivity of lithium and cesium chloride solutions. A. V. Akhutin, T. A. Komarova, Vest. Mosk. un. Ser. 2 Khim. 21 no. 1:26-28 Ja-F '66.
- ALKALI METAL CHROMATES**
Chemical and spectral determination of impurities of barium, iron, cadmium, and copper in sodium and potassium chromates. G. A. Pevtsov, T. G. Manova, M. D. Shirokova, Trudy IREA no. 27:67-72 '65.
- ALKALI METAL HALIDE CRYSTALS—SPECTRA**
Low-temperature photoluminescence of alkali halides single crystals with anion admixtures. I. A. M. Bilyi and others, Ukr. fiz. zhur. 11 no. 3:293-298 Mr '66.
- ALKALI METAL HALIDES**
Extraction flame-photometric determination of calcium in halides of high-purity alkali metals. N. T. Sizonenko and others, Zhur. anal. khim. 21 no. 3:264-268 '66.
Luminescence of solutions and pressed alkali halides containing gold. M. U. Bilyi, P. I. Kiyenko, Ukr. fiz. zhur. 11 no. 3:286-292 Mr '66.
Molar volume of melts in the ternary reciprocal system K, Cs, Rb, Li. V. D. Pislazhnyi, I. I. Byzgalov, Ukr. khim. zhur. 32 no. 3:246-248 '66.
- ALKALI METAL SALTS**
Heat capacity of lithium, sodium, and potassium salt solutions in methanol. S. I. Draklin, L. V. Lankhova, M. Kh. Karapetianis, Zhur. fiz. khim. 40 no. 2:451-455 F '66.
- ALKALI METAL SULFATES**
Study of the ternary system $\text{Li}_2\text{SO}_4 - (\text{NH}_4)_2\text{SO}_4 - \text{H}_2\text{O}$ by the methods of physicochemical analysis. V. G. Shevchuk, R. A. Averina, Ukr. khim. zhur. 32 no. 3:249-252 '66.
- ALKALI METALS**
Reduction of some D-homosteroids having an aromatic ring A by alkaline metals according to the Birch reaction. Part 2. V. M. Ruzhnikov, S. N. Ananchenko, I. V. Toigov, Khim. prirod. soed. no. 2:99-100 '65.
Selectivity of sulfonic and phenolsulfonic cationites with respect to alkali metal ions. V. I. Gorshkov, I. U. Z. Kerolev, Vest. Mosk. un. Ser. 2 Khim. 21 no. 1:16-20 Ja-F '66.
- ALKALI PROTEINASE** see Trypsin
- ALKALIES**
Behavior of alkalies in some petrological processes as revealed by a study of Devonian granitoids in the Saryau-Tengiz watershed (central Kazakhstan). R. N. Sobolev, V. M. Agoshkov, M. M. Chekhovskikh, Izv. AN SSSR, Ser. geol. 31 no. 3:38-41 Mr '66.
Effect of the alkali content of lithium lubricating greases on their properties and microstructure. G. G. Shelegolev, A. A. Trapeznikov, Koll. zhur. 28 no. 2: 308-312 Mr-Apr '66.
Intramolecular reaction of diene synthesis in aqueous-alkaline cleavage of ammonium salts. A. T. Babayan, K. TS. Tagmazian, G. T. Babayan, Dokl. AN Arm. SSR. 42 no. 1:23-25 '66.
- ALKALINE EARTH CARBONATES—PURIFICATION**
Removal of impurities from barium, strontium, and calcium carbonates. A. P. Nakhmedova, V. I. Krivobok, A. I. Artushenko, Zhur. prikl. khim. 39 no. 3:498-501 Mr '66.
- ALKALINE EARTH METALS**
Some regularities of the behavior of alkaline earth elements (Ca, Mg, Sr) in forest biogeocenosis. R. M. Alekashin, M. M. Ravikovich, Pochvovedenie no. 4: 50-58 Ap '66.

ALKALOIDS

Alkaloids from *Hydrophyllum robustum*. Structure of robustine. I. M. Fakhimudinov, G. P. Sukhina, S. R. Umarov. Khim. prirod. soed. no 2 110-110 '65

Alkaloids of *Thermopsis lupanoides*. A. D. Daulsba, E. I. Denisova. Rast. res. 2 no 150-52 '66

Extraction and identification of alkaloids from the heliopsis *Veratrum lobelianum* Reish. Report No. 1. A. L. Chinkarenko, N. V. Bondarenko. Rast. res. 2 no 115-50 '66

Isolation of alkaloids from biological materials. V. P. Kravchenko. Farmatsiya zhur. 19 no 345-51 '61

Paths of alkaloids synthesis in *Datura innoxia*. E. I. Burdykova-Cherkiz. Rast. res. 2 no 158 '66

Pharmacodynamic study of *Nyctanthes arborea*. V. I. Il'yum, T. I. Tikhonov. Farmatsiya zhur. 20 no 2 70-71 '65

Separation of oleiferous poppy alkaloids by means of chromatography on a thin layer of silica gel. R. K. Morozov. Apt. delo 13 no 624-24 N-D '61

Some reactions of alkaloids with dyes. T. M. Shumyagin, N. K. Medvedeva. Trudy Igo VIM 17,118-174 '62

Structure of vincetoxin. P. I. Mikhalev, S. R. Umarov. Khim. prirod. soed. no 2 119-115 '65

Studies on *Cynoglossum officinale* and *Lithium vulgare* and obtaining of standard preparations from *Cynoglossum*. I. V. Mal'ko. Farmatsiya zhur. 19 no 322-28 '61

Study of acoustic alkaloids. T. E. Monakhova and others. Khim. prirod. soed. no 2 113-114 '65

Study of alkaloids of some *Corvula* species of Tajikistan. Kh. Sh. Rafishev, B. K. Rostovskii, S. B. Davydants. Dokl. AN SSSR 4 no 3-39 '66

ALKANES see Paraffins

ALKENES see Olefins

ALKOXY GROUPS

Reactions of alkoxy radicals in the liquid phase. G. A. Razuvayev, L. M. Teiman, V. A. Dodonov. Zhur. VMO 11 no 2 202-207 '66

ALKYD RESINS

Development and study of a circular reactor applicable to the synthesis of alkyd resins with the acetone film method. L. N. Uchanskii, N. I. Goltysheva. Loksias, mal. i tekhn. no 2-50-58 '66

Studying the mechanism of film formation by water-soluble alkyd resins modified by linseed oil. M. G. Chagbi, G. F. Filippov. Loksias, mal. i tekhn. no 2, 6-9 '66

ALKYL CHLORIDES—SPECTRA

Nuclear quadrupole resonance spectra of Cl^{35} in tetra-chloroalkanes. G. K. Semina, V. I. Rohas. Zhur. strukt. khim. 7 no 1 117-118 Ja-F '66

ALKYL CHLORIDES—THERMAL PROPERTIES

Thermal decomposition of chloroalkanes of normal structure. M. G. Rudin, A. E. Dyabkin. Zhur. prikl. khim. 39 no 1138-114 Ja '66

ALKYL HALIDES—SPECTRA

Nuclear quadrupole resonance method of studying the characteristics of phase transitions in dihalo-substituted methanes. T. A. Babushkina, G. K. Semina. Zhur. strukt. khim. 7 no 1 114-116 Ja-F '66

ALKYLATION

Alkylation of phenols by higher olefins. O. N. Tsvetkov and others. Khim. prom. 42 no 4 243-250 Ap '66

Benzene alkylation on synthetic zeolites under atmospheric pressure. Kh. M. Minachev and others. Neftekhimiya 6 no 1 47-52 Ja-F '66

Effect of the nature of the cation on the catalytic activity of zeolite Y in the alkylation of benzene with propylene. Kh. M. Minachev, I. A. Isakov, V. I. Garandin. Neftekhimiya 6 no 1 53-57 Ja-F '66

Kinetics of toluene alkylation with ethylene on an aluminum-silicate catalyst at atmospheric pressure. G. M. Panchenkov, I. M. Kolesnikov, F. A. Morozov. Zhur. fiz. khim. 40 no 2 351-356 F '66

Mechanism of alkylation reaction of organomercury compounds by triethylmethane derivatives. O. A. Makimenko, I. P. Eletskaia, O. A. Rukov. Izv. AN SSSR Ser. khim. no 4 662-668 '66

Reactions of antitumor compounds. Part I. Characteristic feature of the hydrolysis of some bifunctional alkylating agents. L. S. Aguzhinski, A. D. Chirayeva. Zhur. obshch. khim. 36 no 4 671-674 Ap '66

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLANITE

Oxide. T. B. Zdobik. Geol. mest. red. elem. no 20 147-157 '66

ALLERGY

Infectious allergy. Report No. 1: Manifestation of infectious allergy to diphtheria exotoxin depending on the intervals between injections. A. T. Kravchenko, L. I. Privalova, Zhur. mikrobiol., epid. i immunit. 43 no 3 94-99 Mr '66

Non-specific allergic reactions detected during the diagnosis of tuberculosis in cattle. N. I. Churbaev. Vest. sel'khoz nauk (Kazakh) 9 no 3 71-78 Mr '66

ALLOY PLATING

Studying the effect of ultrasonic vibration on the electro-deposition of alloys. G. R. Pobedinskii, Zhur. prikl. khim. 38 no 2 365-369 F '65

ALLOYS—ANALYSIS

Photo analysis of solid alloy. W. C. - 71C - Co. V. I. Tumanov and others. Zav. lab. 31 no 6 613-616 '65

ALLOYS—ANODIC PROTECTION

Electrochemical behavior of the Vb-A alloy during electro-treatment. A. I. Levin, M. I. Lyayev, I. G. Zhigov. Zhur. prikl. khim. 19 no 1 591-593 Mr '65

Formation of anode films on the Al-Mg alloy in oxalic acid solutions. P. N. Petrov. Zhur. prikl. khim. 19 no 1 519-523 Mr '65

ALLOYS—HARDENING

Mechanical and heat treatment as method for an effective increase in the heat resistance of metals and alloys. V. S. Ivanova and others. Fiz.-khim. mekh. mal. 2 no 1 119-126 '66

ALLOYS—SPECTRA

Spectral analysis of alloys using an unipolar arc. N. K. Gudimovskii, D. P. Mironova. Zav. lab. 31 no 6 612-613 '65

ALLUVIAL PLAINS

(see also subdivision under Kaliningrad Province)
Fertile floodlands as great potentialities. S. I. Agasheva, Zemledelie 28 no 3 32-35 Mr '66

ALLUVIUM see subdivision under Ustyurt

ALLYL COMPOUNDS

Allylation of phenols and phenol ethers. Study of allyl phenols and their ethers by gas-liquid chromatography. S. G. Mel'nikovskaya, T. T. Gorovits. Urb. khim. zhur. 8 no 3 24-29 '65

ALMA-ATA—AERONAUTICS, COMMERCIAL

When stars catch fire. V. Gorskii. Gashid. av. 22 no 9 14-17 S '66

ALMA-ATA—BAKERIES—MANAGEMENT

Scientific labor organization problems should be solved in their entirety. L. Gilekhterman. Nar. khoz. Kazakh 24 no 1 51-59 Ja '66

ALMA-ATA—BUILDING MATERIALS INDUSTRY—MANAGEMENT

Creative brigades. T. Kepanova. Nar. khoz. Kazakh, 24 no 4 40 Ja '66

ALMA-ATA—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Party committee and the workshop party organization. M. Sulcmanov. Part. zhizn' no 9 48 Mr '66

ALMA-ATA—FOUNDRIES—MANAGEMENT

The plant council for scientific labor organization. G. Bubnov. Nar. khoz. Kazakh, 24 no 1 24-26 Ja '66

ALMA-ATA—FURNITURE INDUSTRY—QUALITY CONTROL

Will there be good-quality furniture? I. Stepanov. Nar. khoz. Kazakh 23 no 2 17-19 Ja '66

ALMA-ATA—INDUSTRIAL MANAGEMENT—STUDY AND TEACHING

Captains of industry are behind the school desk. V. Radov. Nar. khoz. Kazakh, 24 no 3 73 Mr '66

ALMA-ATA—MACHINERY INDUSTRY—MANAGEMENT

Our vital concern. V. Linevskii. Nar. khoz. Kazakh, 24 no 1 37-38 Ja '66

ALMA-ATA—MEASLES—PREVENTIVE INOCULATION

Results of using in Alma-Ata a live measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology. V. F. Rozhnov. Trudy Len. inst. epid. i mikrobiol. 28 388-391 '65

ALMA-ATA—NIGHTSHADE

Effect of a growth promoting substance of petroleum origin on the growth and development of the nightshade *Solanum aviculare* Forst. grown in the Alma-Ata Botanical Garden of the Academy of Sciences of the Kazakh S. S. R. A. V. Paravian and others. Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no 5 126-32 S-O '64

ALMA-ATA—SERVICE STATIONS

Tank farm management of the Alma-Ata Commodity Transport Administration of the Kazakhstan Main Administration of the Enterprises for the Supply with Petroleum and Petroleum Products. V. V. Dremkov, B. P. Krotov. Transp. i khran. nefii i nefteprod. no 3: 20-21 '66

ALMA-ATA—TEXTILE INDUSTRY—MANAGEMENT

Spring of the five-year plan. V. Shamardin. Nar. khoz. Kazakh, 24 no 3 22-23 Mr '66

ALMA-ATA PROVINCE—CORN (MAIZE)

Organogenesis of sweet corn varieties in Alma-Ata Province. I. I. Ishkin. Vest. sel'khoz nauk (Kazakh) 9 no 3 37-41 Mr '66

ALMA-ATA PROVINCE—PULPY KIDNEY DISSEASED LAMBS

Effect of wintering conditions on the occurrence of the enzootic of enterotoxemia in sheep in Alma-Ata Province. G. I. Lopatinov. Trudy AZVI 11 101-104 '64

ALMA-ATA PROVINCE—SOLAR RADIATION—PHYSIOLOGICAL EFFECT

Effect of solar radiation on the organism of calves. T. P. Dantlov. Trudy AZVI 13 193-198 '64

ALMANACS, UKRAINIAN see subdivision under Canada

AL'MET'YEVSK (TATAR A. S. S. R.)—JUDGERS

Functions of the presiding judge of a people's court. A. Khurmatullin. Sov. iust. 30 no 8 18 Ap '66

ALMOND

Commercial growing of almonds in the U. S. S. R. K. P. Ivovskikh. Subtrop. kul't. no 1 119-120 Mr '65

ALPINE FLORA

(see also subdivision under Sikhote-Alin' itum)
Diurnal dynamics of carbohydrates in leaves of mountain plants growing under various conditions. A. A. Guseynov. Dokl. AN Arm. SSR 12 no 1 11-12 '66

ALPS—GEOLOGY, STRUCTURAL

Tectonics of the Eastern Alps and some suggestions concerning the legend of tectonic maps. Hans Rud. J. von Gaertner. Geotektonika no 2 26-30 Mr-Apr '66

ALPS—GEOLOGY, STRUCTURAL—MAPS

Concerning the report made by Professor Gaertner and Professors A. A. Bogdanov, P. D. Gamskiy, M. V. Muralov, and V. E. Khain. M. Lembo. Geotektonika no 2 34-35 Mr-Apr '66

ALTAI MOUNTAINS—GEOCHEMICAL PROSPECTING

Water dispersion halos and hydrogeochemical prospecting of hidden ore deposits in the Altai. G. A. Golovov, V. I. Beletskii. Geol. iud. mestorozh. 8 no 2 14-15 Mr-Apr '66

ALTAI MOUNTAINS—GEOLOGICAL TIME

Age of granitoids of the Shyushinsk Massif in the Altai. A. N. Litvinovich, L. K. Butina. Izv. AN Kazakh. SSR. Ser. geol. 23 no 2 65-69 Mr-Apr '66

ALTAI MOUNTAINS—GRANITE

Age of granitoids of the Shyushinsk Massif in the Altai. A. N. Litvinovich, L. K. Butina. Izv. AN Kazakh. SSR. Ser. geol. 23 no 2 65-69 Mr-Apr '66

ALTAI MOUNTAINS—NEPHELITE

Criteria of the separation of nepheline rocks in the central part of the Altai-Sayan area. V. V. Golovov. Dokl. AN SSSR 167 no 5 1139-1142 Ap '66

ALTAI MOUNTAINS—ORE DEPOSITS

Water dispersion halos and hydrogeochemical prospecting of hidden ore deposits in the Altai. G. A. Golovov, V. I. Beletskii. Geol. iud. mestorozh. 8 no 2 14-15 Mr-Apr '66

ALTAI MOUNTAINS—ORES—SAMPLING AND ESTIMATION

Activation method of determining copper in boreholes of the Gornyi Altai ore deposits. M. M. Shivalman. I. P. Koshelev. Vop. rud. geofiz. no 6 111-112 '65

ALTAI MOUNTAINS—PALEONTOLOGY, STRATIGRAPHIC

Basic problems of the correlation of Lower Cambrian sediments in the Altai-Sayan fold area. V. V. Krasnov. Dokl. Geol. i geofiz. no 1 3-18 '64

ALTAI TERRITORY—CHILDREN—RELIGIOUS LIFE

"Strengthen my heart, O God!" G. Shevarev. Mol. komm. no 6 32-33 Je '64

ALTAI TERRITORY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Evening gatherings in the village of Zimino. V. Dobrosel'skaya. Agitator 34 no 9 37-38 Mr '66

ALTAI TERRITORY—CONSTRUCTION INDUSTRY—MANAGEMENT

The working area is the main object of scientific labor organization. Kh. Chemberisov. Nar. khoz. Kazakh, 24 no 1 65-66 Ja '66

ALTAI TERRITORY—COOPERATIVE SOCIETIES

Let's improve the style of administration. Z. Ivacheva. Sov. potrebn. koop. 10 no 4 33-36 Ap '66

ALTAI TERRITORY—ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

Organization of the repair of the electric equipment of machines in manufacturing enterprises. I. P. Anan'ev, V. A. Iakobas. Izv. SO AN SSSR, no. 1 Ser. obshchestv. nauk, no. 166-71 '66.

ALTAI TERRITORY—RURAL CONSTRUCTION

Mechanized units on the collective and state farms of the Altai. I. S. Kozlov. Prom. stroit., 8 no. 5-15-18, May '66.

ALTERNATING ELECTRIC CURRENTS see Electric currents, Alternating

ALTITUDE, INFLUENCE OF

Effect of high-mountain climate on cats with experimental hepatic insufficiency. I. L. V. Kolpatov, N. M. Slumyatskaya, I. I. L. Zhur. [Ukr.] 12 no. 2,232-237 '66.

ALUF, MARIA ALEKSANDROVNA, 1901-1964

In memory of M. A. Aluf. Farm. i toki, 28 no. 2,254, May-Apr '65.

ALUMINATES

Formation and the role of bayonite in the decomposition of aluminate solutions. V. A. Kavina, A. N. Linaev, V. A. Chistakova. TSvet. met., 39 no. 1-50-55, Apr '66.

Induction period during the decomposition of aluminate solutions. V. N. Tikhonov, S. I. Kuznetsov, A. M. Muller. Zhur. prikl. khim., 38 no. 2,275-279, Apr '65.

Vanadium sorption from aluminate solution by some hydroxides. A. P. Iatsenko, S. P. Iatsenko. Zhur. prikl. khim., 39 no. 1-15-19, Jan '66.

ALUMINOSILICATES

Conversion of β -alkylstyrenes over an aluminosilicate catalyst. I. N. Polovoi, V. P. Tikhonov. Zhur. prikl. khim., 38 no. 2,149-151, Apr '65.

Thermographic characteristics of sodalite-like sodium hydroaluminosilicates. A. S. Beigoi, L. K. Iakovlev. Zhur. prikl. khim., 39 no. 1,26-34, Jan '66.

Zeolite aluminosilicate as a carrier of nickel catalysts in hydrogenation and dehydrogenation reactions. A. V. Kikvidze. Trudy Inst. khim. AN Gruz. SSR, 17, 279-280, 1964.

ALUMINOTHERMY

Certain peculiarities in the high-purity titanium. I. S. Komysh. Stal', 26 no. 4,131-132, Apr '66.

ALUMINUM

Dissolution rate of zone-purification aluminum as dependent on residual electric resistance. M. N. Rozov, M. A. Andreeva. Zhur. prikl. khim., 39 no. 1,200-220, Jan '66.

ALUMINUM—ANALYSIS

Method of determining aluminum in metallic titanium with methylthymol blue. V. N. Tikhonov, M. A. Grankina. Zav. lab., 32 no. 3,278-279, '65.

Photometric determination of aluminum with methylthymol blue. V. N. Tikhonov. Zhur. anal. khim., 21 no. 3,275-280, '66.

ALUMINUM—ELECTROMETALLURGY

Certain physicochemical properties of electrolytes used in the electrolytic refining of aluminum. A. I. Belov and others. Sbor. inst. stali i splav., no. 11, 773-280, '66.

Studying the dependence of current efficiency during aluminum electrolysis on the composition of gases. P. S. Sanyalov. TSvet. met., 39 no. 3,11-18, May '66.

ALUMINUM—METALLOGRAPHY

Mechanical properties and structure of zone-refined aluminum. S. I. Mazaev, I. I. Mudrova, M. I. Linaev. TSvet. met., 39 no. 3,77-79, May '66.

ALUMINUM—WELDING

Gas welding of aluminum. I. U. Gnedovskii, Tekh. i vopr. razv., 24 no. 2,144-15, Apr '66.

ALUMINUM, STRUCTURAL

Use of aluminum supports in the distribution system of North America. D. A. Koshkin. Neorg. stali, no. 10, 97-102, '64.

ALUMINUM, STRUCTURAL—WELDING

Argon-arc welding of the aluminum elements of a hangar roof. A. V. Semenov. Svar. prozv., no. 2,34-35, Apr '66.

ALUMINUM ALLOYS

Determination of beryllium in aluminum alloys with beryllium IV. L. M. Budanova, S. N. Pinaeva. Zav. lab., 32 no. 4,401-402, '66.

Preparing semifinished aluminum alloy products by cold extrusion. L. Kh. Ralibarg. TSvet. met., 39 no. 4,176-77, Apr '66.

ALUMINUM ALLOYS—ELECTROMETALLURGY

Electrolytic segregation method of refining aluminum alloys. A. I. Beliaev, A. A. Fisher, A. G. Nikitin. TSvet. met., 39 no. 4,184-86, Apr '66.

ALUMINUM BROMIDE

Equilibrium in the system $AlBr_3 - H_2S$ - toluene. A. M. Sheuchik, B. V. Drafec. Vestn. AN BSSR, Ser. Khim. nav., no. 1-10-16, '65.

ALUMINUM BRONZE—WELDING

Soldering of aluminum bronze. V. R. Bolte. Svar. prozv., no. 5,23-24, May '66.

ALUMINUM CASTINGS

Electric slag additional feeding of aluminum castings with large consumable electrodes. A. A. Ischenko, I. I. Lychev. Atom. stali, 19 no. 3,53-56, May '66.

ALUMINUM COATING

Aluminum metallization by gas. I. V. Kagan, Bud. tekhn. ekonom. Uss. nauch.-issl. inst. nauch. tekhn. inform., 19 no. 2,17-18, Apr '66.

ALUMINUM COMPOUNDS

Forming clean raw blades with aluminum citrate complexes in the presence of polyvinyl alcohol. I. Strakhov, M. Kirakos'iants. Prom. stali, 7 no. 4,36-38, Apr '61.

ALUMINUM CRYSTALS

Magnified X-ray diffraction patterns obtained from the surface of bent crystals of monatomic structure. I. R. Stal', O. A. Khamitov. Ukr. fiz. zhur., 11 no. 3,340-341, May '66.

ALUMINUM FOUNDRY

Calculating the risers of Al-Si alloy castings. G. M. Dubitskii, R. Sh. Safarov. Lit. prozv., no. 3,9-10, May '66.

Effect of the casting temperature on the crystallization of primary intermetallic compounds. R. R. Malinovsky. TSvet. met., 39 no. 3,65-68, May '66.

ALUMINUM HYDROXIDE

Highly concentrated colloidal solutions of aluminum and chromium hydroxide salts. A. I. Buzanov, M. I. Shakhmurov, I. N. Muzladze. Trudy Inst. khim. AN Gruz. SSR, 17, 125-133, '65.

Interaction of humic acids with iron and aluminum hydroxides. G. A. Levashkevich. Pochvovedenie, no. 4, 58-65, Apr '66.

Kinetics and mechanism of the reaction of silicohydrofluoric acid with aluminum hydroxide. L. D. Skayev. Zhur. prikl. khim., 38 no. 1,56-64, Jan '66.

ALUMINUM INDUSTRY—BY-PRODUCTS

Solutions of aluminum production wastes for hardening fills. S. A. Atmansikh. K. I. U. Repp. Gor. zhur., no. 1, 51-55, Apr '66.

ALUMINUM LITHIUM HYDRIDE

Lithium Aluminum hydride in analysis. Report No. 3. Determination of organic peroxides and hydroperoxides, and impurities of peroxide compounds in alkylacetylenes. A. P. Tsel'nikov, G. G. Litkovskii, A. A. Bondarevskii. Zhur. anal. khim., 21 no. 3,355-359, '66.

ALUMINUM-MAGNESIUM ALLOYS—ELECTRO-METALLURGY

Studying the dependence of current efficiency on current density during the electrolytic separation of magnesium from aluminum-magnesium alloys. A. G. Nikitin, A. I. Beliaev, A. A. Fisher. Sbor. inst. stali i splav., no. 11, 269-272, '66.

ALUMINUM-NICKEL ALLOYS see Nickel-aluminum alloys

ALUMINUM NITRIDES

Dissolution and isolation of aluminum nitride in low-alloy steel. I. L. Blum, A. V. Grin', M. I. Gol'dshstein. Fiz. met. i metalloved., 21 no. 3,471-176, May '66.

ALUMINUM ORGANIC COMPOUNDS see Organocaluminum compounds

ALUMINUM OXIDES

Absorption of chlorophyll (a+b) on coarse-pored alumina gel. L. I. Nekrasov, M. Kalvin. Zhur. fiz. khim., 40 no. 4,868-871, Apr '66.

Preparation of activated aluminum oxide by the calcination of aluminate solutions in alumina production. I. A. R. Katsobashvili, N. S. Kurkova, F. A. Ummat. Khim. i tekhn. topol. i masel, 10 no. 4,20-26, Apr '65.

Surface tension and the density of liquid alloys in the system Ni - Ga and the wettability of Al_2O_3 by them. V. N. Dement'ko, V. I. Nizhenko, L. I. Skliarenko. Izv. AN SSSR, Met., no. 2,188-192, May-Apr '66.

ALUMINUM PHOSPHATES

Thermal transformations of aluminophosphate binders. I. L. Rashkovan, L. N. Kuz'minskaya, V. A. Kopeikin. Izv. AN SSSR, Neorg. mai., 2 no. 3,541-540, May '66.

ALUMINUM PIPE see Pipe, Aluminum

ALUMINUM PLANTS—FIRES AND FIRE PREVENTION

Safe technology. G. Osipov, P. Nasonov. Poch. delo, no. 3,24, May '66.

ALUMINUM SALTS

Fluoride complexes of uranium (IV) in aluminum salt solutions. Y. M. Vdovenko, G. A. Romanov, V. A. Shecherbakov. Zhur. neorg. khim., 11 no. 2,252-255, Apr '66.

ALUMINUM-TITANIUM ALLOYS see Titanium-aluminum alloys

ALUMINUM-ZINC-MAGNESIUM ALLOYS—WELDING

Effect of welding heat on the mechanical properties of the A7SM alloy. Z. A. Iusufova, A. P. Astakhova. Svar. prozv., no. 2,12-15, Apr '66.

ALUNITE

Labutin, G. V. [Alunites] Alunite. Moskva, Metallurgiz, 1955. 98 p.

ALYATY UPLAND—GEOLOGY, STRATIGRAPHIC

Field geophysical characteristics of the cross section of the producing formation in the southeastern part of the Alyaty Upland. K. M. Kerimov, A. P. Abdullayev. Izv. vys. ucheb. zav., neft' i gaz, 8 no. 8,3-6, '65.

AMATEUR RADIO STATIONS

E. K. on the comments on the sports calendar. Radio, no. 4,13, May '66.

Short and ultrashort radio waves. Radio, no. 3,15, May '66.

AMATEUR RADIO STATIONS—STANDARDS

Words should be followed by deeds. N. Denisov. Radio, no. 3,14, May '66.

AMBER

Refining of amber oil by the sorption method. V. P. Samarin, Z. M. Volodutskaya, T. I. Samoilova. Zhur. prikl. khim., 39 no. 3,621-629, May '66.

AMEBIASIS see subdysion under Vietnam, North

AMERICAN AUTHORS see Authors, American

AMERICAN INVESTMENTS see Investments, American

AMERICAN LITERATURE—HISTORY AND CRITICISM

"The sense of life" in the modern novel. N. Eishskina. Vop. lit., 9 no. 1,218-222, May '61.

AMERICAN PERIODICALS

Fascinating cave dwellers. G. Petrov. Mol. komm., no. 3,104-107, '66.

AMERICAN PROPAGANDA see Propaganda, American

AMERICAN RADIO STATIONS see Radio stations, American

AMIDES

Effect of alkylamides of saturated fatty acids on the critical concentration of micelle formation of potassium stearate and laurate. P. A. Demchenko, T. P. Kudina. Ukr. khim. zhur., 32 no. 3,279-280, '66.

Formation and stability of amide and imide bonds. T. V. Shcherbina, V. A. Gushchikova. Izv. AN SSSR, Ser. khim., no. 4,695-700, '66.

Halobionts and plant regulators. Part 45: Synthesis of some substituted arylamides. N. A. Aliev, N. N. Mel'nikov, N. I. Sivtsov-Shilovskii. Zhur. ob. khim., 36 no. 4,638-639, Apr '66.

AMINE OXIDASES

Chromatographic purification and some properties of monoamine oxidase of the liver mitochondria. L. B. Klishchorn, L. I. Gridneva, V. Z. Gorkin. Biokhimiia, 31 no. 1,167-173, Jan-Feb '66.

Studying the process of the production of amides of fatty acids. A. S. Basov, Sh. A. Zelknaia, T. I. Partelei. Masl. i zhir. prom., 32 no. 2,14-15, Apr '66.

Effect of some monoamineoxidase inhibitors on the hypophysal-adrenocortical system. V. G. Zorin. Farm. i toki, 28 no. 4,409-113, May '65.

AMINE OXIDASES—PHYSIOLOGICAL EFFECT

Effect of the indopan monoamine oxidase inhibitor on experimental pneumococcal infection in rats. Z. A. Poponenkova, E. V. Gusova. Biol. eksp. biol. i med., 61 no. 2,36-39, Apr '66.

AMINES

Amines as extracting agents in chemistry (survey). I. A. Shevchuk. Trudy IRE, no. 27,251-268, '65.

Development of aromatic amines on chromatograms. L. N. Nikolenko and others. Zhur. anal. khim., 21 no. 3,382, '66.

Hardening of epoxy resins with tertiary amines. M. F. Sorokin, L. G. Shode. Lakokras. mat. i tekhn., 36 no. 2,1-5, '66.

Solvent extraction of reduced phosphomolybdate acid with high molecular weight amines. V. I. Kifina, I. P. Sudakov, I. P. Alimain. Zhur. anal. khim., 21 no. 3,338-344, '66.

Sorption of long-chain amino salts on minerals. G. A. Pechodina, N. V. Vdovenko. Ukr. khim. zhur., 32 no. 3,258-259, '66.

Syntheses based on aldehydes of the thiophene series. Report No. 3. Some diamines of the thiophene series and their reducing desulfurization. I. A. I. Gol'dfarb, B. P. Fabrichny, V. I. Rogovik. Izv. AN SSSR, Ser. khim., no. 1,708-713, '66.

AMINES (Continued)

Synthesis and analysis of secondary aromatic diamines used as stabilizers in the production of polymeric materials. V. P. Kreshchuk and others. Zhur. prikl. khim. 31 no. 1206-203 Ja '64

Synthesis and study of a series of substituted trimethyl-amine sulfone. Part 7: Interaction of halo-substituted trimethyl-amine with trimethylamine trifluoromethanesulfonate with substituted tertiary amines. R. G. Dubenko, I. U. V. Tur, P. S. Pilya. Zhur. org. khim. 2 no. 2 270-271 F '65

AMINO ACID DECARBOXYLASES

Amino acid decarboxylases in *Escherichia coli*. I. U. V. Galiev, F. S. Karata. Vop. med. khim. 12 no. 2 177-182 Mr-Apr '66

AMINO ACID METABOLISM

Activity of the enzymes of amino acid metabolism in malabar nut. T. T. Erezov. Vop. med. khim. 12 no. 2 131-141 Mr-Apr '66

Distribution of the distribution of free amino acids in the cell of the gastrointestinal tract subjected to penetrating infection. S. S. Vol. nakit, K. Kh. Khizhuk, S. I. Filin. Parazitologiya 6 no. 2 170-173 '66

Study of free amino acids and phosphorus fractions in the blood following the administration of streptomycin. I. A. Conrto, Zh. Z. Kharakter. Vop. med. khim. 11 no. 3 40-44 My-Jc '65

AMINO ACIDS

Accumulation of free extracellular amino acids by the *Parabionas lugifaciens* culture. V. N. Shposhnikov, I. G. Olo. Dokl. AN SSSR 167 no. 4 919-922 Ap '66

Acids of life. L. Bolsov. NTO 8 no. 4 11-13 Ap '66

Amino acid composition and biological efficiency of certain soil preparations for parental nitrogen supply. B. E. Damberg and others. Vop. pit. 23 no. 3 14-18 My-Jc '64

Amino acid composition of the α -3-protein of the serum in nonirradiated and irradiated dogs. A. V. Chudnovskikh. Vop. med. khim. 11 no. 3 53-57 My-Jc '65

Amino acid composition of the proteins of actions of fish muscle juice. V. V. Bal, L. A. Melnikova, V. I. Hur'eva. Izv. vyz. ucheb. zav. pishch. tekhn. 2 51-53 '66

Amino acid content in the leaves of mulberry (*Morus alba* L.) and *Scorzonera hispanica* L. G. V. Samokhvalova, V. P. Korzhenko, L. M. Galtanova. Nauch. dokl. vyz. shkoly. biol. nauki no. 2 175-178 '66

Amino acid spectrum in diploid and tetraploid buckwheat seeds. E. A. Zhebrak, N. M. Bolchin, I. U. K. Nikol'skii. Vest. AN BSSR. Ser. biol. nav. no. 1 133-135 '66

Changes in the composition of free amino acids during the aging of salted Caspian herring. A. A. Konovalova. Izv. vyz. ucheb. zav. pishch. tekhn. 2 54-56 '66

Comparative study of the hydrolytic stability of a phosphamide bond in adenylyl-(5'-3')-amino acids and peptides. T. S. Rikova, Z. A. Shabarova. Vest. Mosk. un. Ser. 2 Khim. 21 no. 1 114-117 Ja-F '65

Copper complexes of peptides of polyfunctional amino acids: serine, ornithine, and lysine. N. A. Poddubnaya, Akhmed M. el' Naggar, L. A. Ljubinskaya. Zhur. ob. khim. 36 no. 4 664-670 Ap '66

Effect of high-frequency gas discharge on the formation of free radicals in amino acids. V. I. Mochalkin, I. U. A. Belykh. Radiobiologiya 6 no. 2 202-205 '66

Estimation of the accuracy of qualitative and quantitative determination of amino acids by paper chromatography. V. B. Luk'yanov, E. F. Simonov. Vest. Mosk. un. Ser. 2 Khim. 21 no. 1 35-39 Ja-F '66

Free amino acids accumulation during the curing of uncooked sausage with the use of L-phenylalanine and folic acid. A. A. Sokolov, R. M. Dzhabarova. Izv. vyz. ucheb. zav. pishch. tekhn. 2 48-50 '66

Inclusion of labeled amino acids into the fibroin part of the silkworm of *Bombyx mori* L. N. N. V. Birlukova, P. Kul'she, O. N. Mamedzhanov. Izv. AN Turk SSR. Ser. biol. nauk. no. 1 58-63 '65

Possible physical mechanisms of the thermoluminescence of some aromatic amino acids and proteins. A. K. Kufushtin, A. N. Kuznetsov, Biophysika 11 no. 2 223-227 '66

Study of the role of some amino acids in the processes of population relationships of various dissociation forms of bacteria on *Bacillus brevis* var. GB model. V. N. Stolev, G. G. Zharikova, A. A. Lukin. Vest. Mosk. un. Ser. 6 Biol. pochv. 21 no. 1 88-90 Ja-F '66

Studying the biochemical activity and amino acid composition of the proteins of *Sarcina latic*. B. Tolybaev, Trudy AZVI 13:111-115 '64

Synthesis of peptides in aqueous solutions by means of water soluble carbodiimide. Part 2: Synthesis of peptides containing C-terminal phenylalanine, tyrosine, serine, and proline. D. G. Knorre, T. N. Shubina, D. G. Knorre, T. N. Shubina. Zhur. ob. khim. 36 no. 4 656-660 Ap '66

Transformation of free amino acids in stored silage. N. P. Drozdov. Vest. sel'khoz. nauki 10 no. 3 88-93 Mr '65

AMINO ACIDS—SPECTRA

Study of initial photochemical processes in proteins. Report No. 4: Luminescence spectra of initial and final photoproducts of aromatic amino acids and proteins. I. U. A. Vladimirov, G. A. Ke-Khe [Kuo Ai-K'ue], D. I. Roshchupkin. Biophysika 11 no. 2 237-244 '66

AMINO GROUP

Role of amino group of the thiamine pyrimidine component in the mechanism of vitamin deposition in tissues. I. U. M. Ostrovskii, Biokhimiya 31 no. 1 50-58 Ja-F '66

AMIROV, FIKRET, 1922-

Danilov, D. Kh. [F. Amirov's symphony 'Nizami' for string orchestra] Simfonia 'Nizami' F. Amirova, dila strunnoye orkestra Baku, Azernezh, 1966. 51 p. (Simfonicheskie proizvedeniya Azerbaidzhanskikh kompozitorov)

Mamedbekov, D. I. [Piano concert on Azar thames by F. Amirov and E. Nazirova] Fortep'annyi konsert na arabskie temy F. Amirova i E. Nazirova. Baku, Azernezh, 1964. 48 p. (Simfonicheskie proizvedeniya Azerbaidzhanskikh kompozitorov)

AMMINES

Reaction of platinum trans-diammine dichloride, platinum trans-diammine dibromide with potassium nitrate. A. V. Babayeva, R. I. Rudyk. Zhur. neorg. khim. 11 no. 2 351-355 F '66

AMMONIA

Ammonia content of rumen in cattle fed green feeds and corn silage. V. A. Kaplan, N. A. Miroshchenko. Vest. sel'khoz. nauki 10 no. 3 77-82 Mr '65

Change of the state and solubility of germanium dioxide in aqueous ammonia solutions. V. A. Vekhov, B. S. Vitukhnovskaya, R. F. Doronkina. Zhur. neorg. khim. 11 no. 2 237-242 F '66

Chemical reaction occurring during the treatment of wheat straw with ammonia. M. S. Dudkin, N. G. Shkintova, N. A. Lemle. Khim. v sel', khoz. no. 4 48-53 Ap '66

Experimental study of the kinetics of dissolution of carbon dioxide and ammonia. A. V. Zhavonkov, A. G. Usmanov. Zhur. prikl. khim. 39 no. 3 501-506 Mr '66

Melting diagram of the system $\text{NaBH}_4 - \text{NH}_3$. G. A. Egorenko, D. S. Stashevich, I. S. Antonov. Zhur. neorg. khim. 11 no. 2 415-418 F '66

Polarographic determination of ammonia, aminocyanide, and immodenanthic acids. B. P. Zhinnat, N. I. Kobylina. Zav. lab. 31 no. 6 668-672 '65

Potentials for increasing the yield of phenols from ammonia water. A. M. Rozina, N. I. Amfina. Koks i khim. no. 4 38-40 '66

AMMONIA—SPECTRA

Nuclear magnetic resonance of protons of ammonia adsorbed on various cation-exchange forms of the type-A zeolite. A. M. Eremin and others. Zhur. strukt. khim. 7 no. 1 106-107 Ja-F '66

AMMONIA—THERMAL PROPERTIES

Thermal conductivity of solid ammonia. I. M. Krupskiy, V. H. Manzhelii, L. O. Kolosova, Ukr. fiz. zhur. 11 no. 3 312-316 M '66

AMMONIACAL LIQUOR

Ammoniacal liquor against murine rodents. E. Palilova, Zashch. rast. 11 no. 2 20-21 '66

AMMONIUM BROMIDE

Activity coefficients of ammonium bromide in aqueous solution at 25°C. M. M. Shul'ys, S. A. Simanova. Zhur. fiz. khim. 40 no. 2 462-463 F '66

AMMONIUM COMPOUNDS

Ammonium content in Paleozoic formation waters in Perm Province. F. M. Tvor'e, I. N. Shegov, E. L. Sukharevich. Geol. nefi i gaz 10 no. 3 52-55 Mr '66

Intramolecular reaction of diene synthesis in aqueous-alkaline cleavage of ammonium salts. A. T. Baban, K. TS. Tagmazian, G. T. Babalan. Dokl. AN Arm. SSR 42 no. 1 23-25 '66

Polarographic study of some quaternary ammonium compounds containing ketone and ester groups. A. I. Lopushanskii, A. I. Shmarovich. Zhur. ob. khim. 36 no. 4 605-608 Ap '66

Reactions for pentamethylen identification and their use in forensic chemical analysis. V. A. Holovkin, V. T. Pozdnyakova. Farmotsev. zhur. 20 no. 2 41-44 '65

Simultaneous adsorption of sulfide anions and cations of tetraethyl ammonium. S. I. Zhdanov, B. A. Kiselev. Zhur. fiz. khim. 40 no. 2 484-488 F '66

AMMONIUM HYDROXIDE

Catalytic effect of ammonia and calcium hydroxides on the synthesis of thiourea. I. G. Revzin, S. N. Gan, R. N. Logvinenko. Zhur. prikl. khim. 39 no. 3 700-702 Mr '66

AMMONIUM PERCHLORATE

Kinetics of ammonium perchlorate thermal decomposition. G. B. Manella, I. I. Rubtsov. Zhur. fiz. khim. 40 no. 4 770-774 Ap '66

AMMONIUM PEROXYDISULFATE

Reaction kinetics of ammonium persulfate with ferrous oxide. S. A. Balabanova, A. M. Markevich. Zhur. fiz. khim. 40 no. 4 775-780 Ap '66

AMMONIUM SULFATE

Comparative evaluation of the ammoniation and nitration methods of ammonium sulfate recovery. M. I. Finkel' and others. Koks i khim. no. 4 10-11 '65

AMMONIUM SULFATE—DRYING

Reduction of ammonium sulfate crystals during drying in the fluidized bed. O. G. Nelya, Koks i khim. no. 4 37 '66

AMMONOIDEA see Subdivision under Cnidaria

AMODARETAL

Optimal conditions for the extraction of barbiturate from aqueous solutions. V. I. Lohmanov. Farmatsiya, zhur. 10 no. 9 42-45 '64

AMOEBA

Amoeboid locomotion. Report No. 1: Amoeboid locomotion of the amoeboid locomotion under some special conditions. L. N. Serayin. Zool. zhur. 45 no. 3 341-341 '66

AMPHIBIA—EMBRYOLOGY see Embryology Amphibia

AMPHIBIOUS MOTOR VEHICLES see Motor Vehicles Amphibious

AMPHIBOLES

Using amphiboles for determining the absolute age of rocks. I. S. Bunkov, F. I. Kolozova. Geol. zhur. 23 no. 6 101-103 '63

AMPLIFIERS (ELECTRONICS)

Bonch-Bruyovich, A. M. [Radio electronics in experimental physics] Radiotekhnika i elektronika v eksperimental'noy fizike. Moskva, Nauka, 1969. 708 p.

Consideration of the effect of distributed losses on the start conditions of a backward wave amplifier using a given field method. V. S. Mikhalevskii, G. P. Pilya. Izv. vyz. ucheb. zav.; radioelektr. 9 no. 1 123-124 Ja-F '66

Electronic amplifier with all-purpose biological applications for external feeding-off of biopotentials. I. A. Fedin. Uch. zap. KPI 93:116-122 '64

Increase of the amplification coefficient of M-type microwave amplifiers. I. V. Lebedev, O. V. Belakhi. Izv. vyz. ucheb. zav.; radioelektr. 9 no. 1 124-124 Ja-F '66

Instability (diocotron amplification) of narrow electron beams moving in crossed fields. V. V. Gurz, M. N. Kulikov, V. S. Shtat'nikov. Izv. vyz. ucheb. zav.; radiofiz. 9 no. 1 146-154 '66

Operational amplifiers. I. U. A. Khimov. Vest. pishch. tekhn. 2 46-47 Ap '66

Reliability of the TU-5-1 apparatus. G. A. Mikhalev. Vest. aviaz. 26 no. 3 22 F '66

Simulation of time delay using operational amplifiers. I. A. Kuyun, M. K. Chernykhov. Avtom. telemekh. 1 164-177 '66

Sound recording and amplifying apparatus. I. Belykh. Koks i khim. no. 4 36-47 Mr '66

AMU-BUKHARA CANAL—DESIGN AND CONSTRUCTION

Constructing a canal by large-scale "rejection" blasting. S. A. Popov. Mont. i upul. rab. v stroit. 38 no. 4 17 '66

AMU DARYA—REGULATION

The Amu Darya will flow along the new bed. M. Korzh. Ekonom. i zhizn' 9 no. 3 92-93 Mr '66

AMUR CORK TREE—DISEASES AND PESTS see Subdivision under Soviet Far East

AMUR VALLEY—POPLAR

Populus suaveolens Flech. in the upper Amur basin. E. S. Zarkhina. Bot. zhur. 51 no. 3 411-416 Mr '66

AMYLASE

Amylase activity of infusoria of the rumen. M. D. Tvor'e, A. I. Sorodn. Ukr. biokhim. zhur. 36 no. 2 153-153 '66

Concentration of amylase solutions by freezing. O. M. Tarasyuk, A. F. Podolov. Term. i spirit. prom. 22 no. 3 7-9 '66

AMYLOGLUCOSIDASE

Glucanoglucosidases (α-amylases) in animals and microorganisms. E. L. Rosenfeld, I. A. Popova. Vsp. biol. khim. 72:10-224 '63

ANAEROBIC BACTERIA see Bacteria, Anaerobic

ANALEPTICS

Effect of ABC analgesics on the action of some analeptics. S. A. Sokolov. Biol. okup. biol. i med. 61 no. 3 77 '63

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTIC MECHANICS see Mechanics, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANAPHYLAXIS

Interrelations of the inspiratory and expiratory electric activity of respiratory neurons in an anaphylactic shock I. P. Gavandina. Uch. zap. KVI 93.123-131 '61.

ANAPLASMOSIS

Importance of anaplasmosis in the infection of sheep with tularemia. V. V. Kallagin, M. N. Bellkov, Veter. inarifa 42 no. 3:64-66 Mh '66.

ANATOMICAL SPECIMENS

Method of preparing plastic casts reflecting the internal structure of the sex organs. I. U. A. Glivenko, Arkh. pat. 28 no. 2:87-88 '66.

ANATOMICAL SPECIMENS—COLLECTION AND PRESERVATION

Method of sealing jars containing museum macro-preparations. B. L. Penenkov, Arkh. pat. 28 no. 2 89 '66.

ANATOMY, HUMAN

Kup. Ivanov, V. V. [How the human body is constructed] Kak ustroeno telo cheloveka. Moskva, Znanie, 1960, 44 p. (Narodnyi universitet Fakul'tet zdorov'ia, no. 6)

ANATOMY, PATHOLOGICAL

Pathological anatomy of experimental radiation leukemia in mice. M. V. Sviatukhin, I. U. D. Sorokina, M. B. Turgunov, Arkh. pat. 28 no. 2:13-18 '66.

ANATOMY, SURGICAL AND TOPOGRAPHICAL

Main topographical variants of intracerebral tumors of the medullary region of the temporal lobe. N. N. Magina. Vop. neirokhir. 30 no. 1:18-21 Ja-F '66.

Saradzhevskii, P. M., and R. V. Gurgenkidze. [Elements of topographical anatomy of the peripheral neuron of the optic tract in the clinical practice of the ophthalmologicals] Elementy topograficheskoi anatomii perifericheskogo nevrona zritel'nogo puti v klinicheskoi praktike oftalmonevrologa. Tbilisi, Metsniereta, 1965, 59 p. illus.

ANCHORAGE

Installation for remote control of the dropping of anchor. V. Zykov, Rezh. transp. 21 no. 9:31 '65.

ANCIENT ART see Art, Ancient

ANDESITES

Andesite glaze for high-voltage porcelain insulators I. G. Khliznatekhvili, G. G. Gaprindashvili, Stek. i ker. 23 no. 1:32-33 Ap '66.

ANDIGON REGION (TAJIKISTAN)—GAS, NATURAL—ANALYSIS

Study of the chemical composition of natural gas of the Andigon gas field by gas-liquid chromatography I. U. V. Vailbekov, I. V. Reiman, Dokl. AN Tadzh. SSR 9 no. 2 20-23 '66.

ANDIZHAN—FLOORS

Efficiency experts suggest. Stroitel' arkh. Uzb. 7 no. 2: 12-13 F '66.

ANDIZHAN—MACHINERY INDUSTRY—MANAGEMENT

Path toward profitability. S. Krupa'nik, Ekon. i zhizn' 8 no. 3:39-43 Mr '66.

ANDIZHAN—PANELS (BUILDING)

Efficiency experts suggest. Stroitel' arkh. Uzb. 7 no. 2: 12-13 F '66.

ANDRUSHEVKA (ZHITOMIR PROVINCE)—DISTILLING INDUSTRIES—EQUIPMENT AND SUPPLIES

Use of a pressure pickup in the Andrushevka Distilling Combine. B. B. Bulgakov, V. A. Vynotskii, A. G. Iur-chenko, Ferma, i spir. prom. 32 no. 3:33-34 '66.

ANDRZEJEWSKI, JERZY

Just as twenty years ago. S. Laitin, Nov. mi 12 no. 3: 257-261 Mh '66.

ANEMIA

Toxic reactions in iron deficiency anemia. N. V. Patrino, Pat. fiziol. i okup. terap. 10 no. 1:72-73 Ja-F '66.

Pancytopenia resulting in aplastic anemia in a woman treated with a vitreous body preparation. A. N. Chigirinskii, G. A. Tsofinov, Probl. gemat. i perel. krov. no. 7 51-53 '65.

Pathogenesis of hemolytic anemia caused by phenylhydrazine, experimental materials. N. A. Grigorovich, Biol. eksp. biol. i med. 61 no. 2:29-32 F '66.

Treatment of secondary anemia at the Taigi Health Resort. E. V. Borzhovskaya, Vop. kur. i fizioter. i lech. fiz. kult. 30 no. 2:152-159 Mh-Ap '65.

ANEROID BAROMETER

Contact method of studying aneroid sensitive elements. V. A. Usol'tsov, Trudy NIIGMP no. 13:47-52 '65.

ANESTHESIA

Course of the wound process after injecting adrenaline, novocaine, and alcohol solutions into the cerebrospinal fluid of the brain. G. N. Vasin, Uch. zap. KVI 92:162-173 '61.

Effect of transamine, phenamine, and pyridole on the duration of hexenal anesthesia and the central cholinolytic properties of these compounds. -IA. IA. Baikala, Farm. i toka. 28 no. 2:131-135 Mr-Ap '65.

Manevich, A. Z., and R. A. Al'tshuler. [Fluorothane (fluothane) anesthesia] Fluorotanovl (fluotanovyl) aneste. Moskva, Meditsina, 1966 218 p. (DNLAI)

ANESTHESIA—PHYSIOLOGICAL EFFECT

Effect of thiopental sodium and ether anesthesia on the processes of leucocytolysis and phagocytosis in various vascular regions. N. I. Krugina, Zhur. mikrobiol. i epid. i imunit. 13 no. 3:138-143 Mh '64.

ANESTHESIA IN VETERINARY SURGERY

General anesthesia for some operations on animals using V. G. Bushkov's method. V. E. Slankovitch, Uch. zap. KVI 92:137-139 '64.

ANESTHESIOLOGY

Combined trichloroethylene anesthesia in neurosurgery, clinical aspects of anesthesia and changes in the vascular tonus. E. A. Damlit and others, Vop. neirokhir. no. 3:36-41 '65.

ANESTHETICS

Antiprismatic activity of some anesthetics. V. A. Babichev, Farm. i toka. 28 no. 4:415-417 Ji-Ag '65.

Spectrophotometric method for quantitative determination of benzene, decaline, novocaine, novocaine amide hydrochloride, and of products of their decomposition in injection solutions. M. D. Denysov, Farm. i toka. zhur. 19 no. 3:60-65 '64.

ANESTHETICS—PHYSIOLOGICAL EFFECT

Effect of local anesthetics on the activity of adenosinetriphosphatase of brain tissues. M. T. Kuzhman, E. A. Blizina, B. A. Mozhayev, Farm. i toka. 28 no. 2:228-229 Mr-Ap '65.

ANGARA RIVER—RAFTS

Increasing the effectiveness of the rafting of lumber in the Angara-Yenisey basin. N. I. Sharapov, Trudy TSNIIFVT no. 16:41-50 '58.

ANGARA VALLEY—BLACKFLIES

Distribution of blackflies (Diptera, Simuliidae) in the brooks of the Angara Valley. S. P. Rasnitsin, S. I. Malanova, G. A. Shevchova, Med. paraz. i parazit. bol. 35 no. 1:3-8 Ja-F '66.

ANGARA VALLEY—BRINES

Pinecker, E. V. [Brines of the Angara-Lena arctic basin, characteristics of their distribution, their composition, dynamics, formation, and utilization] Briny Angara-Lenskogo arkticheskogo basseina, zakonomenost' razmeshcheniia, sostav, dinamika, formirovaniie i ispol'zovanie. Moskva, Nauka, 1966, 331 p.

ANGARA VALLEY—SEISMOLOGY

Seismic microzonation of the Angara thrust zone. V. S. Kimonovskikh, Geol. i geofiz. no. 1:85-93 '66.

ANGELICA—PHYSIOLOGICAL EFFECT

Effect of ABC amides on the action of some analeptics. S. Ia. Sokolov, Biol. eksp. biol. i med. 61 no. 3:77-79 Mh '66.

ANGINA PECTORIS

Experience in the treatment of stenocardia with Pieschi's operation. V. S. Iurov, Vop. travm. no. 2:213-220 '63.

Rare observation of reflex stenocardia. A. N. Solomin, Voen.-med. zhur. no. 4:76-77 Ap '66.

ANGIOGRAPHY

Diagnostic possibilities of the aortoarteriographic method of transcutaneous sounding. V. S. Savel'ev, V. I. Prokubovskii, Grud. khir. 8 no. 1:3-10 Ja-F '66.

Methodology of intracaseous diploe-sinography in clinical practice. A. A. Telogina, Vop. neirokhir. 30 no. 1:33-36 Ja-F '66.

ANGIOMA

Explantation of hemangiomas of the skin. L. M. Kamen'skaya, Vop. onk. 10 no. 1:54-60 '64.

ANGOLA—GUERRILLAS

My friend Laureno. T. Kolisnichenko, Nov. vrem. 23 no. 22:26-27 My '66.

ANGREN BASIN—COAL MINES AND MINING—PRODUCTION METHODS

Improving the methods of rotary boring in Angren open-pit coal mines. N. Stafievskii, Ugol' 41 no. 4:23-24 Ap '66.

ANHYDRITE see subdivision under Carpathian Mountain region

ANILINE

Cationylation of haloanilines by carbon monoxide. IA. IU. Aliev, I. B. Romanova, L. V. Penskula, Uzb. khim. zhur. 9 no. 3:11-16 '65.

Phosphoric acid imides. Isomerization of O₃O₂O₂-trimethyl-N-aziridinophosphates and its use in the preparation of chromatographically pure N-methylanilines. V. A. Gilarov, R. V. Kudavayev, M. I. Kabachnik, Zhur. ob. khim. 36 no. 4:708-715 Ap '66.

Production of m-chloroaniline by the reduction of m-chloronitrobenzene with sodium disulfide in apparatus with continuous action. G. A. Timokhin, B. L. Kassin, Khim. prom. 42 no. 4:258-260 Ap '66.

ANIMAL INDUSTRY

Potentials of the meat industry. S. Alekseev, Mias. ind. SSSR 37 no. 2:52-53 '66.

ANIMAL LOCOMOTION

Amoeboid locomotion. Report No. 1. Arrest and resumption of the amoeboid locomotion under some experimental conditions. L. N. Seravin, Zool. zhur. 15 no. 3:334-341 '66.

Effect of speed and load on the coordination of movements in a running dog. G. N. Orlovskii, F. V. Sevelin, M. L. Shik, Biophys. 11 no. 2:361-366 '66.

ANIMALS, INFANCY OF

Analysis of the mechanisms determining the rate of filling the lungs with air after birth. L. I. Tiakhtenberg, Biol. eksp. biol. i med. 61 no. 1:24-26 Mh '66.

ANIMALS, MARKING OF

Study of contacts among the populations of Marmota baibacina by radioactive marking method. E. L. Berendtsaeva and others, Zool. zhur. 45 no. 3:430-435 '66.

ANISOTROPY

Anisotropy of zirconium steel properties depending on its heat treatment. V. S. Kovalenko, Met. i gornorud. prom. no. 2:32-35 Mr-Ap '66.

Application of the Debye theory to anisotropic structures. G. A. Ushutskii, Zhur. fiz. khim. 40 no. 2:357-361 F '66.

Molecular weight distribution in the solid-phase anisotropic polymerization. A. I. Berlin, N. S. Enikolopian, Vysokom. soed. 8 no. 3:412-414 Mh '66.

ANKLE—FRACTURE

Surgical treatment of closed fractures of the malleoli. A. I. Balandina, Vop. travm. no. 2:84-90 '63.

Use of novocaine blocks in the treatment of malleolar fractures. L. P. Kustova, Vop. travm. no. 2:83-93 '63.

ANNA DISTRICT—GRAIN—STORAGE

This is the way state grain supplies are preserved. N. Ivanov, Zakup sel'khoz. prod. no. 2:30-33 F '66.

ANNEALING OF METALS

Effect of annealing on the creep resistance of tubular springs. M. P. Gridnev, L. M. Butkevich, Metalloved. i term. obr. met. no. 6:47-49 Je '65.

Effect of ion diffusion during heat and thermomagnetic treatments on the magnetocrystallographic anisotropy in single crystals of nickel-cobalt ferrites. A. I. Drokin and others, Fiz. met. i metalloved. 21 no. 3:423-429 Mr '66.

ANOSOV, PAVEL PETROVICH, 1797-1851

Scientists and engineers. Shkola i prosv. 10 no. 4:94-98 Ap '66.

ANOXEMIA

Activity of phosphofructokinase of the skeletal muscles and the heart in rats in hemic hypoxia. A. I. Kulikova, Vop. med. khim. 12 no. 2:196-199 Mh-Ap '66.

Effect of diphase on some metabolic aspects in health and in hypoxia. P. I. Borlaev, M. A. Dobrinskaya, A. V. Zakhvatova, Vop. med. khim. 11 no. 3:31-34 My-Je '65.

Effect of physical load on the resistance of mice to hypoxic hypoxia. N. A. Kur'mina, T. I. Golovina, Shor. stud. nauch. i ob. Aik. gos. med. inst. no. 2:16-18 '63.

Role of the oxygen capacity of hemoglobin in the regulation of the oxygen regimen of the body in hypoxic states. T. I. Mazurenko, Fiziol. zhur. [Ukr.] 12 no. 2:194-199 '65.

Significance of adaptation and hypoxia in the prevention of senescence. M. M. Syrotyan. Fiziol. zhur. [Ukr.] 12 no. 2:138-140 '66.

ANTAGONISM (BACTERIA) see Antibiosis

ANTARCTIC REGIONS

On the sixth continent. V. M. Pasetskii, Zem. i vesl. 2 no. 2:48-56 Mr-Ap '66.

ANTENNAS (ELECTRONICS)

Characteristics of reflection of complex metal-dielectric lattices. V. S. Il'in, Izv. vys. uchob. zav., radiotekh. 9 no. 1:81-89 Ja-F '66.

- ANTHRACIS (ELECTROLYSIS) (Continued)**
- Effect of various factors on the radiation pattern coefficients of anthracis with ultraviolet plasmas. A. L. Al. *Tr. Vsesoyuzn. nauch. ts. radiofiz.* 9 no. 1 195-111 Ja-F '66.
- Nature of cross polarization radiation of nonsymmetrical mirror systems with counterphase field distribution. A. P. Lichko. *Izv. vuzov. radiofiz.* 9 no. 1 114-122 Ja-F '66.
- Principal factors affecting the radiation pattern of a J. *Tr. Vsesoyuzn. nauch. ts. radiofiz.* 9 no. 1 137-143 Ja-F '66.
- Investigation of linear antennas. A. K. Bulgakov, N. I. *Tr. Vsesoyuzn. nauch. ts. radiofiz.* 9 no. 1 144-150 Ja-F '66.
- Vibrator with a reflector fed by a directional coupler. V. D. Kuznetsov, V. K. Paramonov. *Elektrosvyaz'* 20 no. 3 26-32 Mr '66.
- ANTHRACINICS**
- Results of the use of hexachloroethane suspension with food in fascioliasis of sheep. I. U. K. Gorlov, A. A. Gromkova, A. P. Vachinskiy. *Uch. zap. Mord. gos. un.* 40 41-43 Ja '65.
- ANTHRACENE**
- Effect of anthracene on the growth of *Escherichia coli*. A. B. Berlin and others. *Izv. Vsesoyuzn. nauch. ts. radiofiz.* 9 no. 1 151-152 Ja-F '66.
- ANTHRACENE CRYSTALS**
- Effect of anthracene crystals on crystalline anthracene. O. D. Lyub. *Tr. Vsesoyuzn. nauch. ts. radiofiz.* 9 no. 1 153-154 Ja-F '66.
- ANTHRACITE COAL** see subdivision under Carpathian Mountains
- ANTHRAMILIC ACID**
- Effect of anthramilic acid on the antitumor activity of cyclophosphamide. O. V. Rusina, P. N. Kovalenko. *Tr. Vsesoyuzn. nauch. ts. radiofiz.* 9 no. 1 155-156 Ja-F '66.
- ANTHRAX**
- Treatment of anthrax. F. G. Mukhomedov, V. I. Gladkov, P. D. Mamedov. *Zhur. mikrobiol., epid. i immun.* 43 no. 3 143-145 Mr '66.
- ANTHRAX—PREVENTIVE INOCULATION**
- Effect of anthrax vaccine on the preventive properties of anthrax and bacterial diseases in animals with anthrax. I. M. Mubiraliyeva. *Uch. zap. KVI* 50 174-175 Ja '66.
- Study of the method of fluorescent antibodies for the detection of anthrax in animals with anthrax. I. M. Mubiraliyeva. *Uch. zap. KVI* 50 176-177 Ja '66.
- Study of the effectiveness of inhibition immunization with STI. *Tr. Vsesoyuzn. nauch. ts. radiofiz.* 9 no. 1 157-158 Ja-F '66.
- ANTIBIOSIS**
- Growth inhibition of the mutant of *Staphylococcus aureus* strain No. 203 UT-3 by *Schizosaccharomyces* culture. I. N. Pozmogova, G. G. Matveeva. *Antibiotiki* 11 no. 2, 153-154 F '66.
- ANTIBIOTICS**
- Characteristics of laboratory work connected with antibiotic therapy. A. B. Cheremnykh. *Zhur. mikrobiol., epid. i immun.* 43 no. 3 145-149 Mr '66.
- Comparative activity of neogram, levomycetin and biomycin in acute bacterial infections of albino mice. E. N. Podedvala, G. N. Perakhin. *Antibiotiki* 11 no. 2, 141-148 F '66.
- Comparative methods of antibiotic treatment used in dysentery in monkeys. I. S. Gvazava, Z. K. Stashevich. *Antibiotiki* 10 no. 4, 387-388 Ap '65.
- Comparative study of the antimicrobial activity of penicillin and streptomycin in macrophage cultures subjected to X-ray irradiation and in intact cultures. O. V. Chakhava. *Antibiotiki* 11 no. 2, 157-160 F '66.
- Distribution of antibiotics and enzymes in the culture medium of *terramyces*. E. A. Shakhova. *Ferm. i spirt. prom.* 32 no. 3, 10-12 Ja '66.
- Effect of antibiotics and sulfanilamide preparations on resorption and restoration processes in swine with bronchopneumonia. I. T. Tiofina. *Uch. zap. KVI* 50 178-179 Ja '66.
- Effect of antibiotics on immunogenesis in experimental swine erysipelas. V. F. Kovalev. *Veterinariia* 42 no. 3, 52-53 Mr '66.
- Effect of cycloserine D, streptomycin and florimycin on the bilirubin content in the serum of rabbits. O. M. Krenak. *Antibiotiki* 11 no. 2, 133-141 F '66.
- Experimental anaerobic infection and its treatment with antibiotics. A. A. Balaikin. *Voen.-med. zhur.* no. 4 41-44 Ap '66.
- Histopathological changes in the organs and tissues of experimental animals following the administration of rubomycin. I. P. Belova. *Antibiotiki* 11 no. 2, 133-139 F '66.
- Loss of capacity in penicillin spheroplasts and L-forms of *Salmonella typhimurium* to transmit the colicinogenic factor. I. V. G. Petrovskaya, V. S. Lavashov, N. V. Lavashov. *Zhur. mikrobiol., epid. i immun.* 43 no. 3 23-24 Mr '66.
- Pharmacological study of the antibiotic rubomycin. I. L. Gol'dberg. *Antibiotiki* 11 no. 2, 136-137 F '66.
- Problems and methods in studying the binding of antibiotics by serum proteins. G. I. A. Kliman, I. A. Rodik. *Antibiotiki* 10 no. 4, 360-381 Ap '65.
- Role of antibiotics in immunogenesis. I. A. Golola, G. P. Borodai, S. K. Bzhezhinskii. *Antibiotiki* 10 no. 4, 341-344 Ap '65.
- ANTIBIOTIC THERAPY AND IMMUNITY IN PARATYPHOID INFECTION** *Antibiotiko-terapiya i immunitet pri paratifoiznoy infektsii*. [Leningrad] Meditsina, 1966. 128 p. (Biblioteka prakticheskogo vracha) (DNLN)
- Study of the antimicrobial action of methicillin and oxacillin in tissue culture. V. G. Zhukov, S. M. Navashin. *Antibiotiki* 10 no. 4, 318-322 Ap '65.
- Therapeutic effectiveness of antibiotics on the background of the radiation-protective effect of cystamine in acute radiation sickness, experimental study. G. V. Tumanov and others. *Voen.-med. zhur.* no. 3 64-67 Mr '66.
- ANTIBIOTICS—SIDE EFFECTS**
- Errors and hazards of antibiotic therapy. A. M. Mairshak. *Voen.-med. zhur.* no. 4 31-40 Ap '66.
- ANTIBIOTICS AS FEED**
- Effect of oxytetracycline and biomycin on some functions of the digestive organs in baby chicks. A. F. Lotko. *Antibiotiki* 11 no. 2, 165-168 F '66.
- ANTICOAGULANTS (MEDICINE)**
- Experimental study of new anticoagulants of the indanone series. V. I. Zivazhova and others. *Farm. i toks.* 28 no. 4 438-444 Ji-Ag '65.
- Heparin-trypsin complex and its effect on the fibrinolytic properties of the blood in vitro and in vivo. B. A. Kuchinshov and others. *Vop. med. khim.* 11 no. 3 15-19 My-Ju '65.
- ANTI-DIABETICS**
- Synthetic antidiabetic medicinal preparations. V. H. Zuhlen. *Farm. i toks.* 28 no. 2, 7-11 Ja '65.
- ANTIFIBRINOLYSIN—PHYSIOLOGICAL EFFECT**
- Antiplasmin and its effect on the fibrinolysis process under experimental conditions. B. A. Kuchinshov, V. I. Pastorova. *Blud. eksp. biol. i med.* 61 no. 2, 40-42 F '66.
- ANTIGENS AND ANTIBODIES**
- Antigenic relationship in *Brucella* and paratyphoid bacteria. G. M. Ivanova, A. A. Makushina, A. I. Gulyaev. *Trudy AZVI* 13 106-110 '64.
- Antibiotic properties of low-molecular antibodies isolated from the urine of immune rabbits. L. M. Baitova and others. *Vop. med. khim.* 11 no. 3, 12-17 My-Ju '65.
- Characteristics of the antibody formation reaction in fishes. V. I. Luk'yanenko. *Nauch. dokl. vuz. shkoly. biol. nauk* no. 2, 25-27 '66.
- DNA and biosynthesis of antibodies and gamma globulins. A. E. Guvich, R. S. Nezhin. *Usp. biol. khim.* 7, 150-175 '65.
- Dynamics of virus-neutralizing antibodies in children vaccinated with live measles vaccine. M. A. Levashina and others. *Trudy Len. inst. epid. i mikrobiol.* 24 241-245 '65.
- Effect of antibodies and inhibitors on the early stage of virus-cell interaction. P. N. Koslovskiy, Z. I. Rovnova. *Vop. virus.* 11 no. 1, 38-42 Ja-F '66.
- Effect of nonspecific antigenic stimuli on the immunobiological reactivity of cattle vaccinated against brucellosis. N. A. Krylova, L. P. Krasovskaya, G. A. Nizametdinova. *Uch. zap. KVI* 53 141-153 '64.
- Immunological competence of stem hemopoietic cells and its significance in the problem of bone marrow transplantation under clinical conditions. I. L. Cherkov. *Probl. gemat. i perel. krovi* 11 no. 2, 15-21 F '66.
- Korostelev, T. A. [Changes in the tissue antigens during the process of experimental carcinogenesis] *On izmeneniya tkanykh antigenov v protsesse eksperimental'nogo kankersirovaniya*. [Leningrad] Meditsina, 1966. 47 p. (DNLN)
- Problem of experimental transplantation of hemopoietic tissue. R. V. Petrov. *Probl. gemat. i perel. krovi* 11 no. 2, 22-26 F '66.
- Production of antibodies and the ratio of serum protein fractions in rabbits during the administration of diplo. I. E. Kovalev. *Farm. i toks.* 28 no. 4, 400-471 Ji-Ag '65.
- Some data on a comparative immunomorphological study of the myosin of striated and smooth muscles. V. S. Rukosuev. *Arkh. pat.* 28 no. 2, 55-60 '66.
- Some data on the problem of the antigenicity of polypeptides. R. G. Matkova. *Shor. stud. nauch. rab. Arkh. gos. med. inst.* no. 2, 19-20 '63.
- Study of antigenic properties of various derivatives of *Brucella typhimurium*. I. V. G. Petrovskaya, V. S. Lavashov, N. V. Lavashov. *Zhur. mikrobiol., epid. i immun.* 43 no. 3 23-24 Mr '66.
- Study of the antigenic properties of the derivatives of *Brucella typhimurium*. I. V. G. Petrovskaya, V. S. Lavashov, N. V. Lavashov. *Zhur. mikrobiol., epid. i immun.* 43 no. 3 23-24 Mr '66.
- Use of hemagglutination inhibition in the study of the antigenic properties of antibodies. I. V. G. Petrovskaya, V. S. Lavashov, N. V. Lavashov. *Zhur. mikrobiol., epid. i immun.* 43 no. 3 23-24 Mr '66.
- ANTIGENS AND ANTIBODIES ANALYSIS**
- Determination of antibodies by indirect method. V. I. Mikhlin, I. S. Ivanova. *Probl. emulsiy i susp.* 42 no. 2, 67-68 Mr '66.
- Study of the antigenic properties of the derivatives of *Brucella typhimurium*. I. V. G. Petrovskaya, V. S. Lavashov, N. V. Lavashov. *Zhur. mikrobiol., epid. i immun.* 43 no. 3 23-24 Mr '66.
- ANTIMETABOLITES**
- Pharmacology of metoprolol and inhibition of its biotransformation and phosphatase metabolism. G. N. Chibrikova. *Farm. i toks.* 28 no. 4, 400-471 Ji-Ag '65.
- State of the metabolism and of the hormone production in the experimental inhibition of the thyroid gland immunity by an antithyroid agent. N. A. Balaikin. *Pat. i izob.* 1, 141-142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

- ANTINEOPLASTIC AGENTS—PHYSIOLOGICAL EFFECT**
Age-related functional changes in the body under the effect of antineoplastic and antitesticular cytotoxic sera [I. O. Spasokukotskiy, Fiziol. zhur. [Ukr.] 10 no. 6: 709-714 N-D '61]
- Effect of large doses of antitesticular and antiovarial cytotoxic sera on thymic lymphocytes [L. I. Barchenko, Fiziol. zhur. [Ukr.] 10 no. 6: 720-727 N-D '61]
- Morphological changes in the structure of testes in white rats under the effect of large doses of antitesticular cytotoxic serum [T. V. Zerkina, Fiziol. zhur. [Ukr.] 10 no. 6: 728-733 N-D '61]
- ANTINEOPLASTIC AGENTS—SIDE EFFECTS**
Experimental encephalomyelitis induced by neurocytotoxic antineoplastic gamma globulin. O. V. Sokolov, Fiziol. zhur. [Ukr.] 12 no. 2: 238-245 '66
- ANTIOXIDANTS**
Critical phenomena in degenerated branching chain reactions. N. M. Emanuel, A. H. Gaganina, Usp. khim. 35 no. 3: 619-655 Ap '66
- Stabilization of cellulose acetylulysate during processing. L. N. Malinin, Plast. massy no. 1: 29-30 '66
- Synthesis of antioxidants in synthetic essential oils. I. A. M. Slobodin, A. A. Gonor, Khim. i tekhn. topl. i masel. 11 no. 3: 18-21 Mr '66
- Synthetic inhibitors and natural antioxidants. Report No. 3. Antioxidizing activity of mouse liver lipids in inoculated leukemia and the effect of inhibitors of free radical reactions. E. B. Buiukova, N. P. Pal'mina, Biokhimiya 11 no. 2: 258-262 '66
- Use of ultraviolet irradiation in detecting antioxidants in the blood following malignant growth. I. U. M. Petrusenich and others, Vest. Mosk. un. Ser. 6 Biol. pochv. 21 no. 1: 3-6 Ja-I '66
- ANTIOXIDANTS—TESTING**
Method for evaluating the efficiency of antioxidants by the rate of hydroperoxide decomposition in their presence. K. B. Plotovskii, N. G. Gurova, Kauch. i rez. 21 no. 3: 23-26 Mr '65
- ANTIOXIDANTS—TOXICOLOGY**
Comparative toxicity of Santalol and acetylal, G. I. A. Kolt'man, Kauch. i rez. 21 no. 3: 10-14 Mr '65
- ANTIRETICULAR CYTOTOXIC SERUM**
Change in the permeability of blood vessels under the effect of some agents. S. I. Sovnats'yanov, Trudy AZVI 13: 127-136 '61
- ANTISEPTICS**
Electric activity of the acoustic hemispherical center in a naive pigeon. V. D. Mikhov, Vest. Mosk. un. Ser. 6 Biol. pochv. 21 no. 1: 37-38 Ja-I '66
- ANTISPASMODICS**
Antispasmodic activity of some anesthetics. V. A. Babich, Farm. i toki, 28 no. 4: 415-417 Ji-Ag '65
- Antispasmodic activity of α -tocopherol. T. N. Uekov, Farm. i toki, 28 no. 1: 422-425 Ji-Ag '65
- ANTITUBERCULAR AGENTS**
Experimental and clinical study of kanamycin (Soviet product) in tuberculosis. A. I. Kagramanov and others, Antibiotiki 11 no. 2: 172-178 F '66
- Involvement of polyacetylenous tuberculosis in rabbits treated with antibacterial agents. Ch. G. Purtskhvanidze, Antibiotiki 10 no. 4: 302-307 Ap '65
- Primary resistance of Mycobacterium tuberculosis to antibiotics and chemical preparations according to materials of 7 years' observations (1957-1963). N. M. Rudoi, Antibiotiki 11 no. 2: 184-188 F '66
- Semisynthetic penicillins containing the residues of antitubercular compounds in the side chain. O. E. Kostromina, I. T. Strukov, Antibiotiki 10 no. 4: 294-297 Ap '66
- Tuberculostatic activity of streptozolizide under experimental and clinical conditions. V. V. Utkin and others, Antibiotiki 11 no. 2: 178-184 F '66
- ANTONOVSKAYA, ANNA ARNOLDOVNA, 1885-**
Long live the hero! S. Artem'eva, V. mire knig 6 no. 3: 30-31 Mr '66
- ANTS**
Ants as intermediate and obligate additional host animals of some parasitic flatworms (Trematoda and Cestoda). P. K. Svazhian, L. V. Frolova, Zool. zhur. 45 no. 2: 213-219 '66
- ANUS—DISEASES**
Ulanovskiy, I. N. [Acute paraproctitis and fistulae of the rectum] Ilozi i paraproktologii i fistuly priamoi kishki. Kyiv, Zdorov'ia, 1966. 104 p. (DNLN)
- AORTA**
Changes in the activity of some aortic enzymes in experimental atherosclerosis. A. A. Pokrovskii, V. L. Shestakov, Biul. eksp. biol. i med. 61 no. 3: 52-55 Mr '66
- AORTA—DISEASES**
Acute thromboses and embolisms of the aorta and the main arteries of the extremities. B. V. Petrovskii and others, Khirurgiya 42 no. 4: 3-9 Ap '66
- Comparison of hemodynamic indices with the neurologic and ophthalmoscopic symptomatology of coarctation of the aorta. V. B. Gelfand and others, Grud. khir. 8 no. 1: 41-47 Ja-F '66
- Pathogenesis of hypertension in coarctation of the aorta. A. A. Andriukin, Sov. med. 29 no. 3: 11-11 Mr '66
- AORTA—RADIOGRAPHY**
Seldinger's transcatheter aortography in surgical diseases of the kidneys. I. I. Zolotarev, A. L. Aksel'dof, V. S. Rulsman, Khirurgiya 42 no. 2: 63-68 Ap '66
- AORTA—SURGERY**
Late results of closed aortomitralfistulotomy. G. I. Tsukerman and others, Sov. med. 29 no. 3: 7-11 Mr '66
- AORTIC ANEURYSMS**
Dissecting aortic aneurysms (according to 5 observations). I. N. Shubenko-Gabuzova, Azerb. med. zhur. 12 no. 12: 28-33 D '65
- APARTMENT HOUSES** see subdivision under Donetsk Province, Waisaw
- APARTMENT HOUSES—COST OF CONSTRUCTION** see subdivision under Kharkov
- APARTMENT HOUSES—DESIGN AND CONSTRUCTION** (see also subdivision under Leningrad; Moscow)
Some problems in the development of large-panel housing construction. N. Rozanov, Arkh. SSSR no. 4: 7-14 '66
- APARTMENT HOUSES—ELECTRIC WIRING** see subdivision under Ural Mountain region
- APARTMENT HOUSES—HEATING AND VENTILATION** (see also subdivision under Tashkent)
Sanitary and hygienic state of gas-supplied apartments with open gas combustion. F. G. Tegi-Zade, Sbor. trud. NIIST no. 17: 186-188 '66
- APARTMENT HOUSES—SOUNDPROOFING**
Reducing the weight of apartment houses and the problem of soundproofing. V. N. Miskhin, Stroi. konstr. no. 3: 142-145 '65
- APOCHLORINE**
Effect of apochlorine on the course of experimental hypertension. Kh. U. Aliyev, I. K. Kamalov, U. B. Zakirov, Urb. biol. zhur. 10 no. 1: 39-40 '66
- APPOENZYMES**
Activity of the acetylase enzyme in the liver in carbon tetrachloride poisoning. A. Z. Guechukova, Vop. med. khim. 11 no. 3: 17-19 My-Je '65
- APPARENT DEATH** see Death, Apparent
- APPELLATE PROCEDURE**
Some ways to improve review proceedings in appellate courts. S. Kats, M. Teplytskiy, Rad. pravo 29 no. 4: 31-36 Ap '66
- APPENDICITIS**
Effect of climate on the course of acute appendicitis. V. A. Kozlov and others, Nek. vop. khim. i kraev. pat. no. 4: 37-39 '65
- APPENDICITIS—COMPLICATIONS AND SEQUELAE**
Phlegmon of the urinary bladder caused by acute appendicitis. O. N. Genkel, Urol. i nefr. no. 4: 80-82 '65
- APPENDICITIS—PREVENTION**
Ways to decrease incidence of acute appendicitis in submariners during cruises. I. U. D. Malarenko, I. U. D. Tsel'shov, Voen.-med. zhur. no. 3: 59-61 Mr '66
- APPENDIX (ANATOMY)**
Contractile properties of isolated vermiform processes in man and rabbits. I. U. B. Temper, V. I. Gekhtman, Biul. eksp. biol. i med. 61 no. 2: 21-24 F '66
- APPLE**
Nitrogen and carbohydrate metabolism of the roots of bearing and nonbearing apple trees. V. O. Kazarian, R. G. Arutunian, Fiziol. rast. 13 no. 2: 332-338 Mr-Ap '66
- APPLE—ANALYSIS**
Content of nutrients in the organs of different apple rootstocks and varieties, under conditions of pot experiments. I. A. V. Bumbul, Effek. udob. v. usl. Mold. no. 4: 133-149 '65
- APPLE—DISEASES AND PESTS** (see also subdivision under Moldavia)
Characteristics of the nutritive value of soil in connection with the regressing of rows as measures for controlling chlorosis of apple trees. A. A. Tsipko, Effek. udob. v. usl. Mold. no. 4: 156-164 '65
- Use of gibberellin in treating the apple canker Nectria galligena. N. V. Vinogradova, Vest. AN BSSR. Ser. sel'sk. nay. no. 1: 77-79 '65
- APPLE—FERTILIZERS AND MANURES** (see also subdivision under Moldavia)
Studying the nutrient conditions of apple in relation to the biological characteristics of rootstocks and scions. I. A. V. Bumbul, Effek. udob. v. usl. Mold. no. 4: 150-153 '65
- APPLE—FROST RESISTANCE** see subdivision under Siberia
- APPLE—VARIETIES**
Content of nutrients in the organs of different apple rootstocks and varieties, under conditions of pot experiments. I. A. V. Bumbul, Effek. udob. v. usl. Mold. no. 4: 133-149 '65
- APPLIED MECHANICS** see Mechanics, Applied
- APPROXIMATE COMPUTATION**
Problem of determining the quality of approximate computations. M. K. Gavurin, Metod. vych. no. 3: 3-12 '66
- APSHERON PENINSULA—ANTIQUITIES**
Archaeological excavations in the Apsheron Peninsula. G. M. Aslanov, Mat. kult. Azerb. 6: 67-73 '65
- APSHERON PENINSULA—GAS, NATURAL—GEOLOGY**
Mustafayev, I. S., and A. A. Guseinov, [Lithofacies and the oil and gas potentials of the producing layer in the southern zone of the Apsheron province]. Litofatsial i neftegazonosnost' produktivnoi toshchi iuzhnoi zony Apsheronskoi oblasti. Baku, Azerneshir, 1966. 209 p.
- APSHERON PENINSULA—PETROLEUM GEOLOGY**
Mustafayev, I. S., and A. A. Guseinov, [Lithofacies and the oil and gas potentials of the producing layer in the southern zone of the Apsheron province]. Litofatsial i neftegazonosnost' produktivnoi toshchi iuzhnoi zony Apsheronskoi oblasti. Baku, Azerneshir, 1966. 209 p.
- APSHERON PENINSULA—SAND**
Characteristics of sands on the bottom of the Zyrya shallow waters from the viewpoint of engineering geology. F. S. Aliev, Dokl. AN Azerb. SSR 21 no. 11: 35-37 '65
- AQUATIC SPORTS**
But we train ourselves this way. I. U. Shcheglov, Voen. znau. 42 no. 4: 43 Ap '66
- Volitional potential. E. Kallala, Voen. znau. 42 no. 5: 40 My '66
- ARABIA—HISTORY**
The ancient state of Lihyan in northern Arabia. I. Sh. Shifman, Epig. Vost. 17: 38-44 '66
- ARABIA, SOUTHERN—GUERRILLAS**
Among the partisans of Southern Arabia. A. Agayshiev, Nov. vsem. 23 no. 19: 28-30 My '66
- ARABIC LANGUAGE—GRAMMAR**
Khalidov, B. Z. [Textbook of Arabic] Uchebnik arabeskogo yazyka. Tashkent, Uchitel', 1965. 653 p.
- ARAGON, LOUIS, 1897-**
Roman Roland as appraised by Aragon. N. P. Ortyk, Rad. lit. 10 no. 3: 30-35 Mr '66
- ARAL-PAYGAMBAR PRESERVE—WOLVES—FOOD**
Seasonal changes in feeding habits of the timber wolf Canis lupus campestris Dwigubski in the Aral-Paygambar Preserve. G. I. Ishunin, Urb. biol. zhur. 10 no. 1: 58-57 '65
- ARAL SEA—HYDROGRAPHIC SURVEYING**
In memory of T. H. Shevchenko F. Nestleruk, Rech. transp. 23 no. 3: 47-48 Mr '64
- ARAL SEA REGION—GEOLOGY, STRATIGRAPHIC**
Facies characteristics and the distribution of thickness of Paleogene sediments in the Aral-Caspian region. V. S. Mil'chikov, Trudy MINKHGP no. 6: 187-91 '66
- Jurassic sediments in the eastern part of the region of the Aral Sea. M. E. Voskoboynikov, G. V. Sakulina, Izv. AN Kazakh. SSR. Ser. geol. 23 no. 2: 58-64 Mr-Ap '66
- ARBITRATION AND AWARD** (see also subdivision under Ukraine)
Special features in the application of the regulation and rules of the agency arbitrage of the Ministry of Agriculture of the U.S.S.R., P. Dmitriev, G. Rodchenko, Ekon. so'kh. 41 no. 4: 124-125 Ap '66
- We should try to reduce the number of economic conflicts. S. Butkovych, Rad. pravo 29 no. 4: 50-54 Ap '66
- ARCHAEOLOGICAL EXPEDITIONS** see subdivision under Soviet Far East
- ARCHAEOLOGY** (see also subdivision under Kazakhstan)
Science plus romanticism. A. Nikitin, Sem'ia i shkola 21 no. 3: 50 Mr '66

1530

ARMENIA—ORE DRESSING

Organization and design of the tailing side units of ore-dressing plants under mountain conditions. A. Ter-tsi-dian. Prom. Arm. 7 no. 148-50 Ap '61.

ARMENIA—ORE DRESSING—EQUIPMENT AND SUPPLIES

Selection and testing of a pneumatic flotation machine at the Kafan ore dressing plant. B. Kravchuk and others. Prom. Arm. 9 no. 146-19 Ja '66.

ARMENIA—PHYTONCIDES

Some results of the study of antibacterial properties of the plants of Armenia. I. S. Melkumian. Rast. i z. 2 no. 158-64 '66.

ARMENIA—PRODUCTION ENGINEERING

Improve the organization of industrial production. Prom. Arm. 7 no. 164-65 Ap '61.

ARMENIA—RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Radioisotopes and their use in the chemical industry. F. Galumian, Zh. Khimichesk. Prom. Arm. 7 no. 432-36 Ap '64.

ARMENIA—RARE-EARTH METALS

Behavior of rare-earth elements in the formation of alkali-earth and alkali comagmatic basaltic rocks in central Armenia. A. S. Pavlenko and others. Geokhimiia no. 2:197-210 F '66.

ARMENIA—SAUSAGES

Simplified production of "andzhuk" sausage. R. Akopova. Mins. ind. 95SR 37 no. 232-33 '66.

ARMENIA—STANDARDIZATION

Fundamentals of standardization to all industrial workers. E. Agadzhanian. Prom. Arm. 9 no. 165-66 Ja '66.

ARMENIA—TECHNICAL EDUCATION

In the House of Technology of Armenia. Prom. Arm. 7 no. 473-71 Ap '64.

ARMENIA—TECHNOLOGY—INFORMATION SERVICES

In the House of Technology of Armenia. Prom. Arm. 9 no. 174-75 Ja '66.

ARMENIA—TOMATO PRODUCTS

Production of tomato paste by hot pouring, using the "Lang" line. Z. Shakhbazian. Prom. Arm. 9 no. 152-53 Ja '66.

ARMENIA—TRANSPORTATION, AUTOMOTIVE

Development of automotive passenger traffic in Armenia. A. Manukian. Prom. Arm. 9 no. 122-24 Ja '66.

ARMENIA—VOLCANIC ASH, TUFF, ETC.

Using tuff stones in industrial wall structures. B. Shakhbazian, M. Ter-Oganyan. Prom. Arm. 9 no. 113-17 Ja '66.

ARMENIA—WINE AND WINE MAKING

Effect of solid parts of various grape kinds on the quality of fortified wine materials. N. Kazumov, N. Papovian, Z. Kazumian. Prom. Arm. 9 no. 133-34 Ja '66.
Processing table wines in an ultrasonic field. L. Dzhanpoladina and others. Prom. Arm. 9 no. 160-63 Ja '66.

ARMENIA—WOOLEN AND WORSTED MANUFACTURE—TECHNOLOGICAL INNOVATIONS

Innovators of the woolen and worsted works suggest. N. Pezeshkelo, A. Manukian. Prom. Arm. 9 no. 142 Ja '66.

ARMENIAN FOLKLORE see Folklore, Armenian

ARMENIAN NEWSPAPERS

Our compass directs us to ideological alertness and professional skill. An interview with IA. N. Zorobien, the First Secretary of the Central Committee of the Communist Party of Armenia. Sov. pech. no. 11:6-7 N '64.

ARMEN

Comparative study of the action of armin and albutin on the general condition and cholinesterase activity of blood plasma. G. A. Kashafutdinov. Uch. zap. KV1 02:205-209 '64.

ARMORED TRAINS see subdivision under Ukraine

ARMORED VEHICLES, MILITARY

Afloat and along the bottom. N. Barabanov. Tekh. i voozr. 11 no. 9:93-95 S '65.

ARMS AND ARMOR, GREEK see subdivision under Black Sea region

ARMSTRONG, LOUIS, 1900-

My life in music. Louis Armstrong. Teatr. 27 no. 3:140-144 Mr '66.

AROMATIC COMPOUNDS

Effect of local activation in the zone melting of multi-nuclear aromatic hydrocarbons. A. A. Berlin and others. Izv. AN SSSR, Ser. Khim. no. 4:746-747 '66.

Mobility of hydrogen in methyl groups of others of benzenes and polymethylbenzenes. A. I. Shatonshtein and others. Zhur. ob. Khim. 36 no. 1:627-634 Ap '66.

AROMATIC COMPOUNDS—SPECTRA

Electronic spectra and symmetry of molecules of some aromatic compounds. G. V. Mikhushova. Teor. i ekspr. Khim. 2 no. 1:37-43 '66.

Some regularities in the electron-vibrational spectra of substituted aromatic compounds. Part 5: Mono-substituted biphenyl, terphenyl, trans-stilbene, and 1,4-disubstituted benzene. A. D. Lutskii and others. Teor. i ekspr. Khim. 2 no. 1:117-122 '66.

AROMATIC COMPOUNDS, EFFECT OF RADIATION ON

Mechanism of radical formation in the radiolysis of aromatic compounds in the solid phase. N. I. A. Buben, I. I. Chikhizhe. Zhur. VKHO 11 no. 2:228-233 '66.

AROMATIZATION

Aromatization of n-hexane under atmospheric pressure in the presence of sodium-promoted platinumized silica gel. N. R. Buisian, S. B. Kogan, Z. A. Davydova. Neftekhimiia 6 no. 1:35-39 Ja-F '66.

ARRHYTHMIA

Antifibrillation properties of hydrazine derivatives on the cardiovascular system. V. I. A. Legchev. Farm. i toka. 28 no. 2:170-172 Mr-Apr '65.

Electric defibrillation in cardiac fibrillation. V. P. Radushkevich, N. A. Afanas'ev, I. P. Podnizkov. Khirurgia 42 no. 4:32-37 Ap '66.

Relationship between the chemical structure and anti-arrhythmic activity in the 10-acyl series of phenothiazine derivatives. I. I. V. Khil'ev, O. V. Ulianova. Farm. i toka. 28 no. 2:159-165 Mr-Apr '65.

ARSENIC

Behavior of arsenic in the alkaline treatment of Kerch ores. N. A. Vasiliukhina, L. I. Vasiliukhina. Zhur. prikl. Khim. 38 no. 2:251-257 F '65.

ARSENIC—ANALYSIS

Determination of microgram quantities of arsenic by butyl thiocyanate. A. K. Babko, Z. I. Chalaia, V. I. Mikitenko. Zav. lab. 32 no. 3:270-273 '66.

Determination of microgram quantities of arsenic in metallic silicon and high-purity silicon dioxide. V. I. Rigin, N. N. Mol'nicenko. Zav. lab. 32 no. 4:304-305 '66.

ARSENIC—THERAPEUTIC USE

Preparation of arsenic paste and its analysis. M. I. Chaplynska. Farm. i toka. 28 no. 5:9-12 '64.

ARSENIC ORGANIC COMPOUNDS see Organoarsonic compounds

ART

(see also subdivision under Kazakhstan, South Asia)

Akademiia nauk SSSR, Institut istorii iskusstva. [History of Russian art] Istoriia russkogo iskusstva. Pod obshch. red. I. E. Grabaria i dr. Moskva, Nauka. Vol. 9. Books 1-2, 1965. 2 v. illus.

Alekseeva, V. V. [The role of artistic heritage in the aesthetic education of the people] Rol' khudozhestvennogo nasledia v esteticheskom vospitanii naroda. Moskva, Sovetskii Khudozhnik [1965] 70 p.

Art life in the Soviet Union. Iskustvo 29 no. 2:77-80 '66.

Artistic life in the Soviet Union. Iskustvo 20 no. 3:77-80 '66.

Foreign review. Iskustvo 29 no. 2:74-76 '66.

Foreign review. Iskustvo 29 no. 3:73-76 '66.

Toward new achievements! E. Bolashova. Iskustvo 20 no. 2:2-4 '66.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—EXHIBITIONS

Soluz khudozhnikov RSFSR. Moskovskoe otdelenie. [Through our country: catalog of an exhibition: Painting, sculpture, graphic art, the work of theater and motion picture artists] Po rodnoi strane: katalog vystavki: Zhivopis', skulptura, grafika, raboty khudozhnikov teatra i kino. Moskva, Sovetskii Khudozhnik, 1965. 73 p.

ART—PHILOSOPHY

Resemblance and expressiveness. A. Gorpenko. Iskustvo 29 no. 2:10 '66.

Some aspects of the problem of artistic reflection and their interpretation in present-day science. T. M. Pimenova. Uch. zap. Kaf. obshchestv. nauk vuz g. Len., Fillos. no. 7:170-178 '65.

ART—STUDY AND TEACHING

Pictorial art in explanatory reading classes. T. D. Kokhanova. Rad. shk. 44 no. 3:94-99 Mr '66.

ART, AFRICAN

Problems of art in the new states of Asia and Africa. B. Veimann. Iskustvo 29 no. 3:56-65 '66.

ART, ANCIENT

Sidorova, N. A. [New discoveries in the sphere of ancient art, discoveries of foreign scholars] Novye otkrytiia v oblasti antichnogo iskusstva; nakhodki zarubezhnykh uchenykh. Moskva, Iskustvo, 1965. 204 p. illus.

ART, KAZAKH—BIBLIOGRAPHY see Bibliography—Art, Kazakh

ART AND SCIENCE

Agapov, B. N., D. S. Danin, and B. M. Runtin. [The artist and science] Khudozhnik i nauka. Moskva, Znaniye, 1966. 158 p. (Na odnoi universitet: Fakul'tet literaturny i iskusstva, no. 2/3)

ART GALLERIES AND MUSEUMS see subdivision under Moscow, Paris

ART INDUSTRIES

Session of the Council of the Research Institute of the Art Industry on the results of the scientific expeditions, 1961-1965. A. A. Lebedeva, A. V. Smoliar. Sov. etn. no. 2:139-145 Mr-Apr '66.

ART OBJECTS—MICROBIOLOGY

Microflora of fine and applied art products. D. S. Kuritsyna. Nauch. dokl. vys. shkoly, biol. nauk. no. 2:199-200 '66.

ART OBJECTS, IRANIAN

Epigraphic materials and the problems of dating the 19th century Iranian art objects of copper and bronze. A. A. Ivanov. Epig. Vost. 17:63-71 '66.

ARTEMISLAND—OIL WELLS—MAINTENANCE AND REPAIR

In foreman Nagiev's crew. A. Martkovich. Nefteknik 10 no. 11:9-10 N '65.

ARTEMISIA

Isolation of embolactone from Artemisia taurica Willd. K. S. Rybnik. Khim. prirod. no. 2:142-143 '63.

ARTERENOL see Novadrenalline

ARTERIES—RUPTURE

Spontaneous rupture of epigastric arteries. I. P. Kuzin. Khirurgia 42 no. 4:128-130 Ap '66.

ARTERIES—SURGERY

Methodology of surgery in acute arterial embolism. G. L. Ratner. Khirurgia 42 no. 4:10-12 Ap '66.

Periprostheses hematoma and methods to prevent hemorrhage through the prosthetic wall in plastic surgery on arteries; experimental study. V. V. Shlikin. Khirurgia 42 no. 4:95-99 Ap '66.

Some prospects and possibilities of reconstructive surgery on the arteries of the extremities. N. I. Krakovskii, V. I. Zolotarevskii. Khirurgia 42 no. 4:90-95 Ap '66.

Temporary shunting in traumatic lesions of arteries. I. S. Shemiakin, V. A. Gorditska. Voen.-med. zhur. no. 3:69-70 Mr '66.

ARTERIES—WOUNDS AND INJURIES

Perspectives of using blood vessel prostheses in lesions of the main arteries of the extremities. V. M. Sitenko and others. Voen.-med. zhur. no. 3:15-18 Mr '66.

Temporary shunting in traumatic lesions of arteries. I. S. Shemiakin, V. A. Gorditska. Voen.-med. zhur. no. 3:69-70 Mr '66.

ARTERIOSCLEROSIS

Appearance of a new serum protein fraction during treatment of experimental arteriosclerosis with geranol. L. S. Tarasova, G. V. Troitskii. Vop. med. khim. 11 no. 3:10-12 My-Je '65.

Changes in the activity of some aortic enzymes in experimental arteriosclerosis. A. A. Foktorskii, V. L. Shechelev. Biol. eksp. biol. i med. 61 no. 3:52-55 Mr '66.

Cholesterol and panthothenic acid content in the blood in arteriosclerosis patients at various seasons of the year. I. M. Raikin, G. N. Zgur'skaya, E. I. Estrin. Vop. pit. 25 no. 1:58-60 Ja-F '66.

Comfort range during the stay of patients with arteriosclerosis and hypertension on the beach. V. A. Zarubin. Vop. kur., fizioter., i lech. fiz. kult. 30 no. 2:111-114 Mr-Apr '65.

Effect of a prolonged parenteral administration of corn oil emulsion on the course of experimental arteriosclerosis. A. N. Klimov and others. Vop. pit. 25 no. 1:44-49 Ja-F '66.

Effect of hydrogen sulfide baths on the content of catecholamines in tissues and endocrine glands in experimental arteriosclerosis. S. Zh. Kubli. Vop. kur., fizioter., i lech. fiz. kult. 31 no. 1:28-32 '66.

Effect of asponin from Cyclamen ibericum on the development of experimental arteriosclerosis in rabbits. A. S. Gladikh. Farm. i toka. 28 no. 2:147-152 Mr-Apr '65.

ASSEMBLY-LINE METHODS (Continued)

Experience in the modernization and readjustment of the DFSh-1 transfer unit. V. F. Vinogradskii. *Dokl. prom.* 15 no. 4 11-13 Ap '66.

From the experience in the operation of a plant for continuous cooling of household soap. M. I. Muchnik and others. *Mosk. zhur. prom.* 32 no. 2 3a-13 1 '66.

Ivenskii, I. U. N., I. K. Novik, and A. A. Fuzons. [Installation of electrical equipment in machine tools and automatic lines] *Montazh elektromekhanicheskikh stankakh i avtomaticheskikh liniiskh*, Moskva, Energiya, 1966, 83 p. (Biblioteka elektromontazha, no. 193).

Krasneninnikov, N. A. [Plotting of the cyclograms for semiautomatic continuous lines for the production of a given type of assortment of footwear, a textbook] *Postroenie tsiklogramm poluavtomaticheskikh potoknykh lini dlia vypuska zadannogo assortimenta obuvi, uchebnoe posobie*, Moskva, Legkaya Industriya, 1965, 19 p.

[MICROFILM]

On the assembly line of a housing construction combine. V. Galitskii. *Stroitel' Arkhit. Mosk.* 15 no. 3 19-22 Mr '66.

Preparation of dough with liquid intermediate products. S. E. Fofman. *Khleb, kond. prom.* 10 no. 4 35-37 Ap '66.

Results of the survey of the best use of continuous lines in processing grain in the Ural line. P. Semik, B. Butenko, I. Orskan. *Muk-eksp. prom.* 32 no. 3 11-14 '66.

Semiautomatic line for bread production. V. G. Bogomolov, A. A. Bondarenko. *Kauch. i rez.* 21 no. 3 11-18 Mr '65.

ASTHMA: see subdivision under Transbaikalia

ASTRAKHAN—WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

From the experience of the Astrakhan Woodpulp and Paperboard Combine in the operation of a soda-ash recovery unit. D. P. Seipunchenok. *Trudy LITTSBP* no. 18, 75-79 '65.

ASTRAKHAN PROVINCE—AFFORESTATION

Silvicultural conditions in the Brown-soil zone of the Astrakhan area of the Trans-Volga region. A. I. Andrianov. [Sbor. rab.] *VNIITLNI* no. 13, 147-159 '63.

ASTRAKHAN PROVINCE—BIBLIOGRAPHY

Astrakhan (Province) Oblastnaya biblioteka, [Literature on Astrakhan Province for 1963; a catalog of studies on the region] *Literatura ob Astrakhanskoi oblasti za 1963 god, kraevedcheskii katalog*, Astrakhan', 1965, 116 p.

[MICROFILM]

ASTRAKHAN PROVINCE—QUARTZ

Typomorphic characteristics of the elastic quartz of Jurassic and Cretaceous sediments in Astrakhan Province. A. L. Narayeva, D. M. Temelova. *Trudy MNIKhGIP* no. 61, 10-11 '66.

ASTRAKHAN PROVINCE—SHEEP

Afforestation in highly arid zones for the purpose of stockbreeding. F. M. Kashtanov. [Sbor. rab.] *VNIITLNI* no. 43, 116-125 '63.

ASTRAKHAN PROVINCE—SOILS—COMPOSITION

Silvicultural conditions in the Brown-soil zone of the Astrakhan area of the Trans-Volga region. A. I. Andrianov. [Sbor. rab.] *VNIITLNI* no. 13, 117-159 '63.

ASTRAKHAN PROVINCE—WINDBREAKS, SHELTER-BELTS, ETC.

Afforestation in highly arid zones for the purpose of stockbreeding. F. M. Kashtanov. [Sbor. rab.] *VNIITLNI* no. 43, 116-125 '63.

ASTRODYNAMICS

New galactic model and the computation of star orbits. I. I. Genkin. *Trudy Astrofiz. inst. AN Kazakh. SSR* 7:16-25 '66.

The orientation of elliptic galaxies in space. L. K. Denisuk. *Trudy Astrofiz. inst. AN Kazakh. SSR* 7:15-56 '66.

ASTRONAUTICS

Fortunate quests. G. Padalka. *Sov. pech.* no. 11:21-25 N '64.

Outer space in the service of man. *Agitator* 33 no. 8: 57, Ap '66.

[Space research] *Ref. zhur.* *Isel. kosm. prostr.* no. 4 Ap '66.

ASTRONAUTS

Cosmonauts without their space suits. *Mol. komm.* no. 2:76-81 '66.

Preparing for the 23d Congress of the CPSU. *Mol. komm.* no. 3:1-3 '66.

ASTRONOMICAL GEOLOGY

Vernadskii and the problem of geoeconomics. V. I. Lebedev. *Vest LGU* 18 no. 24:27-37 '63.

ASTRONOMICAL PHOTOGRAPHY

Program of photographing bright bodies of Czech territory using cameras with a visual field of 180°. Z. D. Cepelch, J. Ralich. *Meteoritika* no. 26:119-131 '65.

Removal of diffraction halos produced by braces of secondary mirrors. N. D. Polynin. *Trudy Astrofiz. inst. AN Kazakh. SSR* 7:109-110 '66.

ASTRONOMY

Star compass. F. Popov. *Voen. znan.* 42 no. 5 10-11 Mv '66.

ASTRONOMY—ABSTRACTS

[Astronomy] *Ref. zhur.* *Astron.* no. 4 Ap '66.

ASTRONOMY—CONGRESSES

16th Congress of the International Astronomical Federation. *Kosm. issl.* 4 no. 2:333-331 Mr-Apr '66.

To the future 17th Congress of the International Astronomical Federation. *Kosm. issl.* 4 no. 2:335 Mr-Apr '66.

ASTRONOMY—SOCIETIES, ETC. see subdivision under Moscow

ASTRONOMY—YEARBOOKS

[Astronomical yearbook of the U.S.S.R. for 1969] *Astronomicheskii ezhegodnik SSSR na 1969 g.* S. Sorok vos'mot' god izdaniia. Moskva, Nauka, 1966, 674 p.

[Supplement to the Astronomical Yearbook of the U.S.S.R. for 1969] *Prilozhenie k Astronomicheskomu ezhegodniku SSSR na 1969 god*, 24 p.

ASTROPHYSICS

Akademika nauk URSS, Kiev. [Problems in astrophysics] *Voprosy astrofiziki*, [Kiev, Naukova dumka, 1969] 204 p. (Respublikanskii mezhdovedstvennyi sbornik. Seriya: Astronomiia i astrofizika)

ATHEISM

Iakovlev, V. G. [The development of a scientific world view and Christian sects] *Formirovante nauchnogo mirovozreniia i khristianskoe sektantstvo*, Pod red. E. I. Shekhtermana. Alma-Ata, "Kazakhstan", 1965, 284 p.

Leningrad. *Muzoi istorii religii i ateizma*, [Problems of overcoming the vestiges of religion in the U.S.S.R.] *Voprosy preodoleniia religioznykh perezhivkov v SSSR*, Moskva, Nauka, 1966, 207 p.

You cannot combine them: notes of a scientist. V. Emel'ianov. *Agitator* 31 no. 9:39-42 Mv '65.

ATHEISM—STUDY AND TEACHING

Atheistic discussions about religious holidays. V. E. Lebedeva. *Nach. shkola* 34 no. 4 85-87 Ap '66.

Lectures on atheism in a school. A. V. Ivanchenko. *Rad. shk.* 44 no. 2 87-70 F '66.

ATHENS—THEATER

The town of the Greek theater. P. Markov. *Tent* 27 no. 3, 113-116 Mv '66.

ATHLETES

Body surface in "light" lifters and wrestlers. T. A. Enilina. *Teoriia i praktika fiz. kul't.* 29 no. 4:51-53 Ap '66.

ATHLETES—NUTRITION

Symposium on the nutrition of athletes. N. N. Iakovlev. *Vop. pit.* 23 no. 3 91-93 Mv-Je '61.

ATHLETIC CLUBS

Work of athletic clubs. D. S. Kizukov. *Teoriia i praktika fiz. kul't.* 29 no. 1:78-79 Ap '66.

ATLANTIC OCEAN—DIAMONDS

Occurrence of diamonds in the ocean. E. A. Velichko, E. A. Korbul. *Priroda* 55 no. 4:117-118 '66.

ATLANTIC OCEAN—MARINE SEDIMENTS

Photometric characteristics of the color of bottom sediments of the tropical Atlantic. V. I. Molchuk. *Dop. AN URSS* no. 2:213-216 '66.

ATLANTIC OCEAN—OCEANOGRAPHY

Vertical stability of water layers in the equatorial Atlantic. A. N. Kosarev, L. A. Kovoshnikov. *Vest. Mosk. un. Ser. 5: Geog.* 21 no. 2:106-109 Mr-Apr '66.

ATLANTIS

Did Atlantis sink? N. F. Zhurov, A. V. Rabin, O. K. Leoniev. *Zem. i vesl.* 2 no. 2:57-61 Mr-Apr '66.

ATMOSPHERE

(see also subdivision under Pamirs)

Calculation and measurement of the absorption of millimeter and submillimeter radio waves in atmospheric water vapor. S. A. Zhevakhi, A. P. Naumov. *Izv. vuz. ucheb. zav. radiofiz.* 8 no. 6:1100-1109 '66.

Distribution of solar tropospheric disturbances on the earth's surface. V. V. Kubyshkin. *Astron. zhur.* 43 no. 2:374-384 Mr-Apr '66.

Influence of solar activity on the troposphere in the terrestrial polar cap region. E. R. Mustel'. *Astron. zhur.* 43 no. 2:365-373 Mr-Apr '66.

Nature of noctilucent clouds and some problems of the photochemistry and dynamics of the earth's atmosphere. I. A. Khvostikov. *Meteor. issl.* no. 12 57-65 '66.

Vertical distribution of the "in" and their short-lived decay products in the atmosphere under stationary conditions. V. N. Babin. *Izv. AN SSSR Fiz. at. i kosm. 2 no. 1 196-198 Ap '66.*

ATMOSPHERE—OPTICAL PROPERTIES

Scattering indicatrix of atmospheric haze. V. E. Pavlov. *Trudy Astrofiz. inst. AN Kazakh SSR* 7:91-93 '66.

ATMOSPHERE—ROCKET OBSERVATIONS

Interpretation of the results of rocket sounding of noctilucent clouds. V. D. Reshetov, I. A. Khvostikov. *Meteor. issl.* no. 12 80-83 '66.

ATMOSPHERE, UPPER

[Cosmic data] *Kosm. dan. IZMIRAN* nos. 5-6 Mv-Je '66.

Dynamics of the atmosphere and noctilucent clouds. B. A. Mironov. *Meteor. issl.* no. 12:88-91 '66.

Measurement of humidity in the upper atmosphere. I. A. Badinov, S. D. Andreev, V. B. Lipatov. *Meteor. issl.* no. 12:66-79 '66.

ATMOSPHERE, UPPER—ROCKET OBSERVATIONS

Interpretation of magnetic measurements by the "Ionosphere" and its geophysical consequences. M. A. Ginsburg. *Kosm. issl.* 1 no. 2:296-301 Mv-Apr '66.

ATMOSPHERIC PRESSURE: see subdivision under Soviet Central Asia

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Frequency of the incidence of acute disorders of cerebral blood circulation in relation to barometric pressure. I. A. Domachev. *Nek. vop. klim. i kraev. pit.* no. 4:18-19 '65.

ATMOSPHERIC TEMPERATURE

(see also subdivision under Soviet Central Asia; Tashkent)

Temperature of the atmosphere in the region of the mesopause and the distribution of noctilucent clouds. V. V. Mikhnevich. *Meteor. issl.* no. 12:84-87 '66.

ATMOSPHERIC TURBULENCE

Intensely fluctuating light propagating in a medium of variable turbulence. M. E. Gacheva, A. S. Lezhen. *Izv. vuz. ucheb. zav. radiofiz.* 9 no. 1:57-60 '66.

Turbulent heat transfer in an Archimedean force field. A. S. Monina. *Izv. AN SSSR, Mekh. zhid. i gaz. 1* 37-43 Ja-F '66.

ATOMIC BEAMS

Detectors of atomic beams used for frequency standards and radio spectroscopes. A. M. Amadziev, V. F. Bolkina, L. I. Miasnikov. *Izv. vuz. ucheb. zav. radiofiz.* 9 no. 1 72-80 '66.

ATOMIC NUCLEI: see Nuclei, Atomic

ATOMIC POWER PLANTS

Determining the sum of corrosion products in waters of nuclear power plants. R. L. Babkin, L. V. Kiseleva. *Atom. energ.* 20 no. 4:377-389 Ap '66.

Shalman, M. P. [Technological and heat engineering construction in atomic power plants, abstract of lectures] *Tekhnologicheskie i teploekhnicheskie kontrol' na atomnykh elektricheskikh stantsiyakh, konspekt lektsii*, Red. S. F. Chistikov. Moskva, Mosk. energ. in-l, 1965, 134 p.

ATOMIC POWER PLANTS—DESIGN AND CONSTRUCTION

Testing the effectiveness of the joints of the biological shielding made from piecast reinforced concrete in atomic power stations. V. B. Dubovskii, A. F. Mironov. *Energ. stroi.* no. 46:26-29 '64.

ATOMIC POWER PLANTS—WELDING

Use of welding in the construction of atomic electric power stations. G. A. Kravetski, A. N. Korlov. *Energ. stroi.* no. 16:82-85 '64.

ATOMIC SPECTRA

Energy levels of atoms lying on a continuous spectrum. G. M. Zhukin, A. G. Sigakov. *Teoret. i eksperi. khim.* 2 no. 1:109-112 '66.

ATOMIC SUBMARINES

Soviet submarines at the North Pole. A. N. Motokhov. *Mos. sbor.* 17 no. 2:30-31 F '64.

ATOMIC WARFARE

The ideological struggle under the conditions of a rocket and nuclear war. A. N. Raitkov. *Mos. sbor.* 47 no. 2: 9-17 F '64.

ATOMIC WARFARE—SAFETY MEASURES

Simulation of the rapid termination of general leukocyte count and blast forms. O. Gesti, L. Stank, G. Khed'i. Voen.-med. zhurn., no. 3 62-64 Mr '66.

ATOMIC WARFARE—STUDY AND TEACHING

Training exercise in the company. M. F. Yashchenko. Vest. prot. o. ozd. obor., no. 3 61-65 Mr '66.

ATOMIC WEAPONS

Combat characteristics of nuclear weapons. I. S. Bodrov. Vest. prot. o. ozd. obor., no. 4 47-50 Ap '65.

Mikhailov, V. A., and I. A. Naumenko. [Nuclear physics and nuclear weapons] *Lidernatsia fizika i ladennos ozruchie* Moskva, Voenizdat, 1966 223 p. (Nauchno-populnarnatsia biblioteka)

ATROPHIC RHINITIS OF SWINE see Rhinitis in swine

ATROPINE—PHYSIOLOGICAL EFFECT

Effect of atropine block of the vagus nerves on the excitability of the left cardiac ventricle in guinea pigs. V. A. Frolin, and others. Biul. eksp. biol. i med., 61 no. 3 50-52 Mr '66.

ATTENUATORS (ELECTRONICS)

Semiconductor wave guide attenuator with electrically combined control for microwave power stabilization. V. T. Tsarenko, G. V. Bagrov, V. V. Borzenko. Izv. vys. uch. z. av., radiofiz., 9 no. 1:63-70 Ja-F '66.

ATTORNEY AND CLIENT see subdivision under Tatar A. S. S. R.

ATYASHEVO DISTRICT—CALVES—DISEASES AND PESTS

Our experience in the treatment and prevention of gastrointestinal diseases in calves. V. I. Davydov, V. S. Ushalkin. Uch. zap. Mord. gos. un., no. 4:89-91 '65.

AUDIO-VISUAL EQUIPMENT—STUDY AND TEACHING

Training of demonstrators and motion-picture demonstrators in a school. I. T. Petrenko. Shkola i profiz., 10 no. 4:22-25 Ap '66.

AUDITING AND INSPECTION

(see also subdivision under Bulgaria, Vitebsk Province)

Analysis is the main substance of economic work in industry. O. Skrypnik. Ekon. Rad. Ukr., 8 no. 7:73-75 Ji '65.

Documentary and factual control. T. Sigacheva. Bukhg. uch. no. 3 20-22 Mr '66.

Experts uncover deficiencies in accounting. I. A. Spuratov. Bukhg. uch. no. 4 33-35 Ap '65.

Kaslikskii, I. A. [Figures—pathfinders, letters about economic analysis] *TSifra-sledopyt, pisma ob ekonomicheskoi analize*. Moskva, Izd-vo "Znanie" Nos. 1-2 1966 2 v. (Narodnyi universitet, Tekhniko-ekonomicheskii fakul'tet, nos. 1/2-3)

Public inspection. M. Kuznetsov, O. Nikulina. Nar. khoz. Kazakh, 23 no. 3:46-49 Ja '65.

Results of the public inspection of the quality of the work of the machine accounting stations of the Central Statistical Administration of the U.S.S.R. I. A. Ezrubel'skii. Vest. stat., no. 4:94-95 '66.

AUEZOV, MUKHITAR OMARKHANOVICH, 1897-1961

The novel "Abai" in France. R. Uvalisova. Izv. AN Kazakh SSR Ser. obshchestv., 4 no. 1:56-67 Ja-F '66.

AUESKY'S DISEASE see Pseudorabies

AUREOMYCIN

Characteristics of mineral metabolism in chicks fed various doses of chlorotetracycline. M. L. Latstankou, L. I. Paduzhnaia. Vest. AN BSSR. Ser. sel'hoz. nav. no. 4:117-121 '65.

Effect of blomycin of vitamin B₁ and B₂ accumulation in the organs of rats. E. I. Solov'eva, V. P. Trofimovich. Vop. pit., 23 no. 3 33-37 My-Je '64.

AUREOMYCIN AS FEED

Effect of blomycin and grisein on the fattening qualities of Kazakh fine-wool lambs. G. P. Pli'shchikova. Radio no. 3 65-68 Mr '66.

AURICULA

Dynamics of age-related changes and histopathology of polysaccharides in the cartilage of the human auricle. S. M. Shubneva, L. D. Zherebtsov. Dokl. AN SSSR, 167 no. 5 1151-1152 Ap '65.

AUSTENITE

Effect of silicon on conditions of anodic separation of austenite. G. K. Baranova, I. U. A. Kilachko. Zav. lab., 31 no. 7 702-705 '65.

Electrochemical separation of austenite and martensite from hardened high-carbon steels alloyed with manganese. I. U. A. Kilachko, G. K. Baranova. Zav. lab., 31 no. 6:646-649 '65.

AUSTENITE—TESTING

Device for controlling the transformation of austenite in rolling. A. P. Baschenko, I. A. Gurevich, E. I. Estrin. Zav. lab., 31 no. 6:751-752 '65.

AUSTRALIA—ECONOMIC CONDITIONS

Australia in the world capitalist economy. I. Lebedev. Mir. ekon. i mezhdunar. otn., no. 5:71-78 '66.

AUSTRALIA—FOREIGN ECONOMIC RELATIONS

Australia in the world capitalist economy. I. Lebedev. Mir. ekon. i mezhdunar. otn., no. 5 71-78 '66.

AUSTRIA—CRIME AND CRIMINALS

Manners of the "free world" Under the influence of motion pictures. . . . G. Sh. Nov. vrem., 23 no. 21 25 My '66.

AUSTRIA—MOTION PICTURES

Manners of the "free world" Under the influence of motion pictures. . . . G. Sh. Nov. vrem., 23 no. 21 25 My '66.

AUSTRIA—POLITICS AND GOVERNMENT

Austria: End of the coalition. II. Shchilko. Nov. vrem., 23 no. 18-17-18 My '66.

AUTHORS—CORRESPONDENCE, REMINISCENCES, ETC

Birth of a poem. V. Azarov. Vop. lit., 9 no. 11:160-170 N '65.

From the past (conclusion). Anastasia TSvetayeva. Nov. mir., 42 no. 2:98-128 F '66.

From the past (to be continued). Anastasia TSvetayeva. Nov. mir., 42 no. 1:70-133 Ja '66.

Vigilance of a heart. F. Levin. Nov. mir., 42 no. 2:123-246 Mr '66.

AUTHORS, AMERICAN

"Try to surpass yourself." William Faulkner. Vop. lit., 9 no. 11 170-188 N '65.

AUTHORS AND PUBLISHERS

Sutov, D. M. [Copyright; publishing contracts, royalties] *Avtorskoe pravo, izdatel'skie dorovory, avtorskii honorar*. Moskva, Iuridicheskii literaturny, 1966. 196 p. (Voprosakh i otvetakh)

AUTOCLAVES

Studying the indirect control of periodical action digesters with direct heating and PI (proportional-integral) negative feedback. I. S. Podbello. Trudy LITTSBP, no. 18:147-169 '65.

Technical inspection of medical autoclaves. A. A. Danilenko. Ap. delo, 13 no. 6:68-69 N-D '64.

AUTOIMMUNE DISEASES

Clinicoimmunological problems in the transplantation of bone marrow. F. E. Fainshtein, E. A. Zolotov, Probl. gemat. i perel. krovi, 11 no. 2:3-6 F '66.

Induction of histamine shock in the transplantation of heterologous cells of the spleen and bone marrow. A. S. Shevelov and others. Biul. eksp. biol. i med., 61 no. 2, 68-71 F '66.

Some ways of overcoming experimental secondary diseases. R. V. Petrov, I. U. M. Zaretskaya. Probl. gemat. i perel. krovi, 11 no. 2:31-38 F '66.

AUTOMATA

Method for analyzing the reliability of finite automata. V. I. Levin. Avtom. i telem., no. 1:114-118 '66.

Monotonic coding of output signals and internal states of automata based on threshold elements. S. P. Kartasheva. Izv. AN SSSR, Tekh. kib., no. 3:80-70 My-Je '65.

Self-teaching transducers. V. I. Vnsylov. Avtomatyka, 11 no. 2:34-42 '66.

Some asymptotic evaluations for automata playing a distribution game. D. I. Kalinin, I. M. Rotvoin. Avtom. i telem., no. 4:110-121 '66.

Some ways of raising the efficiency of automata for photographing the emission spectra of samples. I. U. N. Kuznetsov. Zav. lab., 32 no. 4:481-485 '66.

A universal automaton. I. U. P. Ofman. Trudy Mosk. mnl. ob-va, 14:186-189 '65.

Universal constructors and self-reproducing automata. M. A. Arbib. Avtomatyka, 11 no. 2:27-33 '66.

AUTOMATIC CONTROL

Accuracy of the reproduction of a class of control laws in digital form. S. N. Diligenskii. Avtom. i telem., no. 4:79-87 '66.

Akademiya nauk Gruzinskoi SSR, Tbilisi, Institut elektroniki, avtomatiki i telemekhaniki. [Automatic control systems] *Skhema avtomaticheskogo upravleniya*. Tbilisi, Metsnereba, 1965. 114 p.

Analytical design of optimal controllers in systems with delay. M. E. Salukvadze. Soob. AN Gruz. SSR, 41 no. 3, 605-672 Mr '66.

Arithmetical operations with integers with random signs in a system of residual classes and their circuit realization. I. U. P. Sobornikov. Avtomatyka, 11 no. 2:17-26 '66.

Automatic control of the heating and cooling rates in studying diagrams of state. M. A. Gorovoi and others. Zav. lab., 31 no. 7:898-899 '65.

Automatic control of the treatment of Caspian sprats with enzymes. V. V. Prokhvatilov, A. P. Chernogoriev. Izv. vys. uch. z. av., pishch. tekhn., no. 2 110-112 '66.

Automatic control systems of loads on electric hoist; rig motor during mine shaft drilling. I. A. Mal'nev. Izv. vys. uch. z. av., gos. zhur., 9 no. 2:143-146 '64.

Automatic device for controlling magnetic field. P. M. Chumchev. Vest. prot. o. ozd. obor., no. 3 61-65 Mr '66.

Automatic equipment and completely mechanized production line in toolmaking. A. I. Zibin. Tekhn. kib., avtom. i telemekhanika, 11 no. 1:10-11 Mr '66.

Automatic interdiffused electric discharge. V. A. Lashugina, V. M. Levin. Gaz. d. te. no. 4 27-28 '66.

Automatic maintenance of the most advantageous working conditions of machine condensers in industrial plants. Izv. AN SSSR, Tekh. kib., no. 3:70-74 '64.

Automating operating procedures in the control of a gas turbine (cashimulard) games. G. Kh. Ch. d. te. no. 4 27-28 '66.

Belovikov, B. S., and others. [Automatic maintenance of control in mining; collection of examples and problems] *Rudnicheskaya avtomatika i telemekhanika*, 11 no. 1:10-11 Mr '66.

Benokorskiy, V. A., and E. P. Popov. [Theory of automatic control systems] *Teoriya avtomaticheskogo regulirovaniya*. Moskva, Nauka, 1966 992 p.

Certain conditions for the stability of automatic systems with variable coefficients. P. D. Belykh. Metod. vych. no. 3:70-75 '66.

Characterization of the dynamics of the automatic system for the hunting of metal in continuous casting. V. A. Makovskii. Izv. vys. uch. z. av., khim. i metall., 9 no. 1:100-107 '66.

Choice of the parameters of digital control systems. A. V. Rudakov. Izv. AN SSSR, Tekh. kib., no. 1:10-11 My-Je '65.

Comparison of nonoptimal and optimal algorithms for problems of dual control. I. A. A. Logun. Avtom. i telem., no. 1:68-78 '66.

Concerning A. G. Zaitsev's article. V. B. F. Avtom. i telem., no. 1:102 '66.

Concerning a problem of analytical design. A. G. Zaitsev. Avtom. i telem., no. 1:113-114 '66.

Conference on the automatic regulation of the production of mining machinery. I. U. G. Podbello. Vop. lit., 9 no. 11:170-188 N '65.

Construction of program control in a line in systems with single coordinate. V. V. Khomutskiy. Avtom. i telem., no. 3:5-11 '66.

Criteria of heat conditions of the heat exchanger in the problem of regulating in conditions of heat exchanger. A. N. Pokhlymoev. Izv. AN SSSR, Tekh. kib., no. 4:300-101 Ap '66.

Cybernetics and the operation of aviation equipment. V. N. Shifon. Vest. prot. o. ozd. obor., no. 1:175-176 '66.

Defining more precisely L. S. Goltubitskiy's graphical method of studying naturally oscillating systems in nonlinear automatic systems. I. I. Kalinin, V. I. Lashugina. Avtom. i telem., no. 1:75-79 '66.

Determination of the transfer functions of single and multiple systems having first-order components with constant and stepwise varying parameters. V. I. Lashugina. Avtom. i telem., no. 3:130-141 '66.

Defining the purpose function of the control of a production apparatus. I. I. Kalinin, M. I. Lashugina. Izv. AN SSSR, Tekh. kib., no. 2:115-118 '66.

A device for the automatic control of the conditions of spot welding of light alloys. M. D. Rudakov. Izv. AN SSSR, Tekh. kib., no. 3:80-70 My-Je '65.

Device for the automatic control of the voltage of an electric filter. I. A. Rudakov, V. A. Rudakov. Avtom. i telem., no. 2:23 Mr-Apr '66.

Devices for the automation of marine electric power systems. Sudostroenie, 30 no. 4:32-33 Ap '64.

Disruption of tracking in a second-order system with astatism. G. V. Chirchikov, S. V. Zaitsev. Avtom. i telem., no. 3:48-55 '66.

Economic effectiveness of suction dredges equipped with automatic control. B. G. Flah. Inzh. zhurn., no. 4:47-50 '64.

Electric programming device for automatic control systems. G. A. Zablotskii. Zav. lab., 31 no. 7 814-805 '65.

Entry of a repositioning point on a glide plane in a system with variable structure. S. V. Imel'innov, V. A. Tura. V. I. Utkin. Izv. AN SSSR, Tekh. kib., no. 3:142-146 My-Je '65.

Evaluation of follow-up failure conditions in nonlinear automatic control systems. G. G. Sigatov, P. A. Lashugina. Avtom. i telem., no. 4:16-56 '65.

Experience in automating heaters without fans in the production of soda. N. I. Karashev, V. N. Sitatskii. Izv. AN SSSR, Tekh. kib., no. 4:38-39 Ap '66.

Fol'dbaum, A. A. [Fundamentals of the theory of optimal automatic control systems] *Osnovy teorii optimal'nykh sistem*. Izd. 2, tepr. i dop. Moskva, Nauka, 1966. 623 p.

Indicators of the position of the plunger of piston control feeders. B. I. Palei and others. Prot. zh. tr. no. 15 107-110 '65.

AUTOMATIC CONTROL (Continued)

- Investigating an automatic operator for the assembly of rotor (miniature) cores of large electric machines V. S. Lipinoy. Vest KhPI no. 1 183-191 '65
- Kozlov, N. P., and I. M. Krasov. [Electromagnetic proportional control devices] Elektromagnitnye proporsionalnye upravlyashchie elementy. Moskva, Energiya, 1966 111 p. (Biblioteka po avtomatike, no. 164)
- Limitations induced by an object in problems of synthesis of multidimensional closed-loop systems R. A. Polukhov. Avtom. i telemekh. no. 126-33 '66
- Mechanical model and method for solving a general problem of linear programming. N. O. Vilkovskii, B. S. Razumskii. Avtom. i telemekh. no. 148-103 '66
- Mechanization and automation of the belt feeder gates of dump cars. N. N. Gar'ev, N. G. Ponomareva. Koks i khim. no. 157-54 '66
- Method for approximate representation of nonlinearities and use of statistical linearization in the analysis of closed-loop automatic control systems. R. A. Tankov, A. A. Samoilov. Avtom. i telemekh. no. 12-36 '66
- Method for steam condensate discharge in case of heating with indirect steam S. V. Trachuk, I. A. Kuvshinov, A. V. Ginenko. Koks i khim. no. 151-53 '66
- Method for the synthesis of relay-type automatic control devices with high dynamic characteristics. O. G. Vainshteyn. Izv. AN SSSR, Tekh. kib. no. 3 181-186 My-Je '65
- Mgeladze, Sh. G. [Principles of the automation of technological processes. Osnovy avtomatizatsii tekhnologicheskikh protsessov Tbilisi, Ganatleba] 1966. 290 p. [In Georgian]
- Modernization of drying plants and automation of the drying process. M. L. Dukhovnyi, G. N. Koen, M. A. Ordulidze. Inzh. st. no. 16:69-73 '61
- Moscow, Institut avtomatiki i telemekhaniki. [Problems of the theory of sampled-data systems, achievements of science] Problemy teorii impul'snykh sistem upravleniya, itogi nauki. Moskva, Nauka, 1966. 173 p.
- Moscow, Institut avtomatiki i telemekhaniki. [Self-teaching automatic systems] Samoobuchayushchiesya avtomaticheskie sistemy. Moskva, Nauka, 1966. 431 p.
- Multichannel programming device for assignment setting in temperature regulators in the synthesis of harmonic systems. I. U. P. Zolkin, V. T. Moklin. Luch. kras. mat. i kh. prikl. no. 2 60-63 '66
- New method for determining the dynamic characteristics of automatic control systems. L. I. Voinova, I. U. V. Kremutskiy. Avtomatika II no. 2:76-81 '66
- Operation of a synchronous detector in multistatic elements of automatic systems M. A. Rukov, L. A. Syntsky. Avtomatika II no. 2:76-81 '66
- Optimal control of a two-dimensional distributed oscillatory system. A. G. Butkovskii, L. N. Tol'tavskii. Avtom. i telemekh. no. 4:32-41 '66
- Optimal control of systems with variable structure. V. I. Bulakov. Avtom. i telemekh. no. 1:57-68 '66
- An optimal problem with single-cycle switching. S. T. Zavalishchin. Dif. urav. 2 no. 4:571-573 Ap '66
- Optimization of linear systems with stepwise control limitations. I. A. Polesatova. Avtom. i telemekh. no. 4:15-23 '66
- Optimizing control of a floatation process. K. V. Tomina. Avtom. i telemekh. no. 3:31-30 '66
- Optimizing control of objects with two optimizing parameters. P. A. Morgovina. Izv. vys. ucheb. zav., eng. 9 no. 4:110-113 Ap '66
- Organization of analytic control at the Ufa Synthetic Alcohol Distillery. A. A. Kaluzhskii, M. A. Plan. Zav. lab. 31 no. 6 769-789 '65
- Overall automation of processes in the drying of feed yeast. V. A. Vukhman and others. Gl'droliz i lesokhim. prom. 19 no. 3 28-30 '66
- Overall mechanization and automation of the intrashop conveying in machinery plants. B. A. Anninskii. Mekh. i avtom. prozv. 20 no. 3:51-56 Mr '66
- Problem of the synthesis of multidimensional closed-loop systems with random signal input. R. A. Polukhov. Avtom. i telemekh. no. 4:24-31 '66
- Problem of the synthesis of optimal control. I. P. Lytkin. Avtomatika II no. 2:85-87 '66
- Problems in the reduction of cost of automatic control equipment. V. V. Andreev. Mekh. i avtom. prozv. 20 no. 4:33-34 Ap '66
- Programmed regulator for an EPP-09 potentiometer. B. K. Titunov, V. V. Ovechinnikov. Zav. lab. 31 no. 5:626-627 '65
- Realization of a Boolean function by a multithreshold element. L. A. Sholomov. Avtom. i telemekh. no. 3:97-104 '66
- Restoration of the differential equations of a system in the process of its normal operation. E. M. Braverman. Avtom. i telemekh. no. 3:88-92 '66
- Results of testing an experimental coal mining machine with the speed of cutting and advancing automatically controlled. A. I. Bezon and others. Ugol' 41 no. 4:24-30 Ap '66
- Rough solution of a problem in the analytical design of controllers. R. T. I. Anushevskii. Avtom. i telemekh. no. 3:18-25 '66

- The RUK-3 device for the automatization of mine conveyors. P. G. Koryzhenko. Bezop. truda v prom. 7 no. 11-27 N '63
- Selecting a system of automatic control for electronically excited drives of mine hoisting machines. N. I. Budnikov. Izv. vys. ucheb. zav., gor. zhur. 9 no. 2 145-149 '66
- Selecting the efficient structural dialing system on an electronic model in searching for the optimum tuning parameters of regulators. V. A. Doronin, N. P. Korolev. Trudy LTI TSBP no. 18:170-174 '66
- Setting up the equations of the motion of the elements in turbine regulation. A. M. Gorbunov. Teploenergetika 13 no. 3:31-37 Mr '66
- Shatalov, A. S. [Transformation of signals and their representative functions by generalized linear automatic control systems] Preobrazovaniya signalov i izobrazhushchikh ikh funktsii obobshchennymi lineynymi sistemami avtomaticheskogo upravleniya. Moskva, Energiya, 1965. 343 p.
- Simulation of nonlinear static characteristics of elements with control according to the parameter. A. M. Bench-Buevych. Avtomatika II no. 2:82-81 '66
- Solution of a problem in optimal filtration for random signals changing their properties in a given moment of time S. P. Dmitriev, R. I. A. Dolgitsova, A. A. Ignatov. Avtom. i telemekh. no. 3:10-17 '66
- Some classes of composite systems. Part 3. I. N. Kovalevko. Izv. AN SSSR, Tekh. kib. no. 3:3-11 My-Je '65
- Stability of nonlinear regulated systems with distributed parameters in critical cases. A. Kh. Gelig. Avtom. i telemekh. no. 1:5-14 '66
- Statistical analysis of the precision of a regulation of mass concentration. G. M. Podkaminer. Izv. vys. ucheb. zav., pishch. tekhn. no. 2:74-78 '66
- Statistical study of an extrapolation system with noise suppression by means of a mixed accumulation method. V. I. Stepanov. Izv. AN SSSR, Tekh. kib. no. 3:122-131 My-Je '65
- Study of the dynamics of optimum controllers. A. S. Anisimov, A. I. Vasil'ev. Izv. AN SSSR, Tekh. kib. no. 3 139-117 My-Je '65
- Syromiatnikov, V. F. [Automatic control of marine steam turbines] Avtomaticheskoe regulirovaniye sudovyykh parobuylennykh ustanovok. Leningrad, Sudostroenie, 1965. 299 p.
- Unit for regulating rarefaction at the top of coke oven regenerators. I. P. Bondarenko, V. V. Gavaga, G. P. Sergeev. Koks i khim. no. 3:21-20 '66
- The URT-3 automatic regulator for resistance spot welding machines. I. U. N. Lankin, V. P. Mischenko. Avtom. svay. 19 no. 3:61-63 Mr '66
- Use of a stochastic approximation technique in the evaluation of an unknown density of distribution by observation. I. A. Z. Tsykin. Avtom. i telemekh. no. 3:91-96 '66
- Use of frequency methods in analyzing the sensitivity of the characteristics of linear dynamic systems. M. V. Morgulis, B. V. Shil'man. Izv. vys. ucheb. zav., radiofiz. 9 no. 1:197-204 '66
- Ways of reducing the consumption of control cables in automatic control systems in mines. I. U. N. Kanyinin, V. M. Korolev. Ugol' Ukr. 10 no. 4:21-24 Ap '66

AUTOMATIC CONTROL—ABSTRACTS

- [Automatic control, remote control, and computer technology] Ref. zhur. Avtom., telemekh. i vych. tekhn. no. 5 My '66.

AUTOMATIC CONTROL—CONGRESSES

- First All-Union Symposium on Statistical Problems of Engineering Cybernetics. Avtom. i telemekh. no. 3 153 '66
- Information. Avtom. i telemekh. no. 4:208 '66.

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATIC PILOT (AIRPLANES)

- Command flight systems. S. Bologorodskii. Grazhd. av. 23 no. 5:12-13 My '68.

AUTOMATIC PILOT (SHIPS)

- Effect of errors in coordinate determination on the precision of the automatic navigation system. A. A. Yakushenkov. Trudy TSNIMF 8 no. 5:13-14 '63.
- Informational aspects of the basic problem of automatic navigation. E. N. Pevezenisev. Trudy TSNIMF 8 no. 5:122-32 '63.

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATIC TIMERS

- Multiple-chain time relay with noncontact elements. L. Z. Taikin, N. S. Erykov. Trudy NIITMasha no. 1:44-51 '65.

AUTOMATION

- Afadzhani, E. K., G. M. Sverdlov, and R. I. Agudin. [Automation of petroleum production installations, practices in foreign countries] Avtomatizatsiya ob'ektoy nefteobrabatyvayushchikh zarubezhnykh opyt. Moskva, Nedra, 1966. 123 p.

- Automatic control systems for technological processes. I. K. Petrov. Mekh. i avtom. prozv. 20 no. 3:38-42 Mr '66.

- Automation and mechanization of the Tyrny-Auz ore dressing plant. A. P. Naryzhkin, B. S. Kunezhkov. TSvel. met. 39 no. 4:10-25 Ap '66.
- [Automation and remote control of petroleum product pipelines] Avtomatizatsiya i telemekhanizatsiya nagisli al'nykh nefteproduktovodov Moskva, Nedra, 1966. 143 p.

- Automation of drying processes in a pneumatic gas recirculation grain dryer. V. Kasper. Muk. elev. prom. 32 no. 4:23-24 Ap '66.
- Automation of mixed feed enterprises. P. Platonov, I. Ignatenko. Muk. elev. prom. 32 no. 4:11-16 Ap '66.
- Automation of mortar mixing. F. Gurt. Stof. i arkhit. 12 no. 3:32-33 Mr '64.
- Automation of technological and managing processes in coal mines. L. G. Mel'nikov. Mekh. i avtom. prozv. 20 no. 3 33-37 Mr '66.
- Automation of the operation of traction transverse racks. D. P. Belov. Trudy Tsvel. sel'khoz. inst. 3 no. 3:190-196 '65
- Chorninev, A. I. [Automation today and tomorrow; engineering, social and economic problems of automation] Avtomatizatsiya segodnya i zavtra, tekhnicheskaya i sotsial'no-ekonomicheskiye problemy avtomatizatsii. Moskva, Znanie, 1965. 46 p. (Bibliotekha "Filosofskie problemy tekhniki," no. 3)
- Electrothermics and radio-wave measurements applicable to automation in mining. E. I. Alesh. Fiz. i tekhn. probl. razrab. pol. iskop. no. 1 125-127 '66

- Equipment for automatic operation and control of ERG-100/1000 otory bucket excavators. I. A. Kravchenko, T. S. Kravchuk, N. F. Tarasovich. Gor. zhur. 4 no. 6:60-63 Ap '66

- Ganf, L. A., and A. P. Golt'stko. [Automatic control on fishing boats] Avtomatika na rybolovnykh sudakh. Moskva, Pishchevala promyshlennost', 1965. 191 p.
- Gegashidze, G. A. [Automation of some technological processes in the manufacture of electrical machines] Avtomatizatsiya nekotorykh tekhnologicheskikh protsessov proizvodstva elektricheskikh mashin. Tbilisi, Gos. izd-vo "TSodna" M-vn kul'tury Gruzinskoi SSR, 1963. 130 p.

[MICROFILM]

- Investigating the performance of pumping aggregates and automation systems of pumping stations of petroleum pipelines. S. P. Adamovich, P. A. Moroz, B. M. Prokhorov. Transp. i khim. nefi i nefteprod. no. 9 7-11 '65
- Kvasha, I. A. B. [Statistics of the new equipment, the mechanization of labor, and production automation, the concentration and specialization of industrial production] Statistika novoi tekhniki, mekhanizatsiya truda i avtomatizatsiya proizvodstva, kontsentratsiya i spetsializatsiya promyshlennogo proizvodstva. Moskva, Statistika, 1966. 262 p.

- Mechanization and automation in commercial warehouses. A. P. Ariste, Kh. O. Klase, L. V. Pulstama. Mekh. i avtom. prozv. 20 no. 4:42-44 Ap '66.

- Mechanization and automation of accounting. L. G. Petrova. Mekh. i avtom. prozv. 20 no. 4:45-48 Ap '66.

- Mechanization and automation of basic operations in mines of the Ostrava-Karvin coal basin. L. Shishva. Ugol' 41 no. 4 68-70 Ap '66

- Optimal distribution of resources between parallel operating systems. T. G. Rzaev. Avtom. i telemekh. no. 3:158-163 '66.

- Overall automation of compressor units. A. Z. Katsyzenyi. Khim. tekhn. ekon. inform. Gos. nauch. issl. inst. nauch. tekhn. inform. 19 no. 2 50 N '66.

- Problem of using cybernetics in drugstores. F. N. Vasil'ev, A. G. Vasil'eva. Apt. delo 13 no. 6:5-8 N-D '64.

- Problems in the mechanization and automation of the management of production processes. G. E. Slesinger. Mekh. i avtom. prozv. 20 no. 3:13-47 Mr '66.

- Some problems of the economic efficiency of automation in wood processing. N. V. Makovskii. Der. prom. 15 no. 1:9-9 Ap '66.

- Studying the process of automatic scooping by statistical analysis. V. D. Chizhikov, V. G. Golovko. Fiz. i tekhn. probl. razrab. pol. iskop. no. 6:135-140 '65.

- Technical developments in the field of mechanization and automation of production processes. A. Antonian. Prom. Arm. 7 no. 4:30-32 Ap '61.

- Zinchenko, V. P., and G. L. Smolau. [Man and technology, control systems and engineering psychology] Chelovek i tekhnika; sistemy upravleniya i inzhenernaya psikhologiya. Moskva, Znanie, 1965. 45 p. (Bibliotekha "Filosofskie problemy tekhniki," no. 4)

AUTOMATION—INFORMATION SERVICES

- Practices in compiling an engineering card catalog of instruments and facilities for automation. N. F. Pegasova. NTI no. 3:13-14 '66.

AUTOMOBILE ENGINEERING—STANDARDS

- Plan for standardization work in the automobile industry. E. A. Chudakov. Mat. i dok. po lat. stand. no. 4:26-33 '65.

AZERBAIJAN—HISTORY

Akademija nauk Azerbaidzhanskoi SSR, Baku, Institut istorii. [Problems in the history of Azerbaijan, a collection of articles of graduate students.] *Voprosy istorii Azerbaidzhana, sbornik statei aspiantov.* Baku, Izd-vo Akad. nauk SSR, 1966. 253 p.

AZERBAIJAN—HYDROMETEOROLOGY

Akademija nauk Azerbaidzhanskoi SSR, Baku, Institut geografii. [Hydrometeorology of Azerbaijan and the Caspian Sea.] *Gidrometeorologija Azerbaidzhana i Kaspijskogo moina.* Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 212 p.

AZERBAIJAN—KILNS

A kiln of a new type found in the ancient settlement of Oren-kala. F. A. Bragimov. *Mat kul't Azerb.* 6:212-222 '65.

AZERBAIJAN—MACHINERY INDUSTRY—PRODUCTION STANDARDS

Korytin, Iurii. [Norm of the worker's conscience.] *Normy rabochego sovesti.* Baku, Azernesht, 1963. 45 p. (Biblioteka bi igdy kommunisticheskogo tuda)

AZERBAIJAN—MILK VETCH BREEDING

New high gum-yielding tragacanth-bearing forms of milk vetches. M. A. Mikailov. *Dokl. AN Azerb. SSR* 21 no. 11:66-70 '65.

AZERBAIJAN—MOUNDS

An ancient settlement and burial mounds on Aveydag Mountain. D. N. Rustamov, I. G. Narimanov. *Mat kul't Azerb.* 6:44-50 '65.

AZERBAIJAN—MOTION PICTURES, DOCUMENTARY

Azerbajan Arkhivnye upravlenie. [A guidebook to the Central Archives of Documentary Motion Pictures, Photographs, and Phonograph Records of the Azerbaijan S.S.R.] *Tsentral'ny gosudarstvennyi arkhiv kinofotofonodokumentov Azerbaidzhanskoi SSR, putevoditel.* Baku, 1964. 169 p. illus.

AZERBAIJAN—MULBERRY—VARIETIES

Polyploid series in the genus *Morus* and some problems of form and species formation. I. K. Abdullayev. *Dokl. AN Azerb. SSR* 21 no. 11:59-65 '65.

AZERBAIJAN—OIL FIELD BRINES

New data on the structure and hydrogeological characteristics of the northeastern wing of the Neftchala anticline. I. U. B. Glina, Sh. A. Kurbanov. *Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefi.* no. 5:147-51 '63.

AZERBAIJAN—OIL WELL CASING

Using an 11 3/4" diameter column for casing wells 3,167 m. deep. A. F. Ruslanbekov and others. *Buena* no. 3:23-26 '66.

AZERBAIJAN—ORE DEPOSITS

Keimov, A. D. [Petrography and ore potentials of the Mekhmana granitoid intrusive.] *Petrografiya i rudonost' Mekhmaninskogo granitoidnogo intruziva Baku.* Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 124 p.

AZERBAIJAN—PETROLEUM

Ashumov, G. G., and others. [Card index of Azerbaijan petroleum; a reference handbook.] *Kartoteka azerbaidzhanskikh neftei; spravochain kniga.* Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1966. 68 p.

AZERBAIJAN—PETROLEUM GEOLOGY

Akademija nauk Azerbaidzhanskoi SSR, Baku, Institut geologii. [Upper Pliocene structures of the depression zones of Azerbaijan and prospects for finding oil and gas in them (Apsheon stage).] *Verkhnepliocenove struktury depressionnykh zon Azerbaidzhana i perspektivy ikh neftegazonosnosti (apsheonskiy tarus)* [By] M. G. Agabekov i dr. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 191 p.

Lithological characteristics and changes in the thicknesses of the Subancil and Balakhany series of the producing layer of the Surakhany-Karachukhur deposit. R. I. Mustafaeva. *Dokl. AN Azerb. SSR* 21 no. 11:23-26 '65.

AZERBAIJAN—PETROLOGY

Keimov, A. D. [Petrography and ore potentials of the Mekhmana granitoid intrusive.] *Petrografiya i rudonost' Mekhmaninskogo granitoidnogo intruziva Baku.* Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 124 p.

AZERBAIJAN—POTTERY, ANCIENT

Gilded pottery covered with painted luster from the ancient settlement of Oren-kala. F. Bragimov. *Mat kul't Azerb.* 6:183-197 '65.

New archaeological finds near the city of Kirovabad. I. A. Babayev. *Mat kul't Azerb.* 6:74-77 '65.

AZERBAIJAN—POULTRY

Comparative effectiveness of raising chicks of various breeds for meat in Azerbaijan. F. A. Melikov, G. M. Gadzhiev. *Trudy AzSKH* 12:39-44 '61.

AZERBAIJAN—RELIGION, PRIMITIVE

Archaeology and religion. R. B. Gelushev. *Mat kul't Azerb.* 6:269-278 '65.

AZERBAIJAN—REVOLUTION OF 1905

Akademija nauk Azerbaidzhanskoi SSR, Baku, Institut istorii. [Azerbaijan during the first Russian revolution.] *Azerbaidzhan v gody pervoi russkoi revoliutsii, sbornik statei.* Baku, Akad. nauk Azerbaidzhanskoi SSR, 1966. 257 p.

Sametov, V. Yu. [Dissemination of Marxism-Leninism in Azerbaijan.] *Rasprostranenie marksizma-leninizma v Azerbaidzhane.* Baku, Azernesht, 1966. 633 p.

Pl. 2 [Years of the first Russian revolution] *Gody pervoi russkoi revoliutsii.* 1966. 633 p.

AZERBAIJAN—RUSSIAN SOCIAL DEMOCRATIC PARTY

Kozlov, M. A. Meshadi Azizbekov. Baku, Azernesht, 1966. 139 p.

AZERBAIJAN—SARCOPHAGI

A stone sarcophagus from the village of Zamankhach in Barda District. I. G. Narimanov, D. N. Rustamov. *Mat kul't Azerb.* 6:198-200 '65.

AZERBAIJAN—SILKWORMS

Studying the biological characteristics of the polyhybrids of mulberry silkworms. G. I. Gerasimova. *Trudy AzSKH* 12:53-55 '61.

AZERBAIJAN—SOILS—ANALYSIS

Genesis of brown meadow soils in Azerbaijan. B. I. Gasanov. *Pochvovedenie* no. 4:14-23 Ap '66.

AZERBAIJAN—STONE IMPLEMENTS

Preliminary information on archaeological field studies near the village of Shikhly. M. M. Mansurov. *Mat kul't Azerb.* 6:8-12 '65.

AZERBAIJAN—THALASSEMIA

Thalassemia in the Azerbaijan S.S.R.: distribution, clinical aspects, and therapy. A. M. Akhmedova. *Problemy i perspektivy* no. 7:10-18 '65.

AZERBAIJAN—TRADE UNIONS

Dadashov, K. K. [Trade union organization in the struggle for large-scale chemistry in Azerbaijan.] *Profsoyuznye organizatsii v borbe za bol'shuyu khimiju Azerbaidzhana.* Baku, Azernesht, 1965. 64 p. (Biblioteka bi igdy kommunisticheskogo tuda)

AZERBAIJAN—URN BURIAL

Some problems concerning the cultural type of urn burial in Azerbaijan. R. M. Vaidov. *Mat kul't Azerb.* 6:91-100 '65.

AZERBAIJAN—UROLOGICAL SOCIETIES

Report on the activities of the Azerbaijan Urological Society during 1961. M. D. Dzhalavade, V. A. Zeinalova. *Azerb. med. zhur.* 12 no. 12:66-69 D '65.

AZERBAIJAN—VEGETABLE TRADE

What the practice showed. A. Glarkov. *Zakup. sel'khoz. prod.* no. 2:15-17 F '66.

AZERBAIJAN—VIRUS DISEASES

Some epidemiological problems of viral infections. R. I. Medzhidov. *Azerb. med. zhur.* 12 no. 12:38-44 D '65.

AZERBAIJAN—WHEAT

Effect of trace elements on the accumulation of gluten in durum wheat in Azerbaijan. S. M. Nastrov. *Trudy VNIIZ* no. 53:137-140 '64.

AZERBAIJAN—WHEAT—VARIETIES

Biochemical characteristics of the variability of soft and durum wheat in Azerbaijan. A. D. Kerimov. *Dokl. AN Azerb. SSR* 21 no. 11:54-58 '65.

AZERBAIJAN—ZEBUS

Present state of the use of zebus. Z. K. Vedriev. *Trudy AzSKH* 12:27-38 '61.

AZERBAIJANI MANUSCRIPTS see Manuscripts, Azerbaijani

AZIDES

Influence of heavy metals on the catalytic effect of sodium sulfide and diethylaluminum amide in iodine-azide reaction. A. K. Babko, L. V. Markova. *Ukr. khim. zhur.* 32 no. 3:281-283 '66.

AZIMUTH

Method for determining the direction of displaced particles based on azimuth observation data. V. I. Bondarev. *Prikl. geofiz.* no. 45:77-82 '65.

AZIZBEKOV, MESHADI, 1876-1918

Kozlov, M. A. Meshadi Azizbekov. Baku, Azernesht, 1966. 139 p.

AZO COMPOUNDS

Diethyl esters of (2,4-dichlorophenoxy) arylazomalonate acid. E. P. Nesynov, M. M. Besprozvannaya, P. S. Pel'kis. *Zhur. org. khim.* 2 no. 2:313-318 F '66.

Pleasant paramagnetic resonance method of studying copper (II) amine complexes compounds with benzene-azomalonate derivatives. I. V. Abramchenko and others. *Teoret. i ekspr. khim.* 2 no. 1:131-136 '66.

Highly unsaturated polymers. Report No. 15. Synthesis and some physical characteristics of polyazopolymers. M. P. G. Gajdar, I. L. Kabanovskii, I. K. Andriashkin. *Tr. Vses. khim. nauch. konf.* no. 1:11-120 '66.

Photochemical isomerization of alkylhydrazones as a method of synthesizing azo compounds. R. V. Ioffe, Z. I. Selezneva, V. S. Stupitskiy. *Dokl. AN SSSR* 167 no. 1:331-331 p '66.

Pyridylazo compounds as reagents for indium. Report No. 2. Complexometric and photometric determination of indium with pyridylazo monophenols. S. I. Gusev, I. M. Nikolaeva. *Zhur. anal. khim.* 21 no. 9:281-288 '66.

AZO COMPOUNDS—SPECTRA

Absorption spectra of aromatic azoethynyl compounds. G. N. Goshkova and others. *Zhur. fiz. khim.* 40 no. 2:411-416 F '66.

AZOV, SEA OF—MARINE SEDIMENTS

Characteristics of the lithology and structure of littoral sediments in the northern part of the Sea of Azov. F. A. Shcherbakov. *Lit. i geol. iskop.* no. 2:105-113 M. Ap '66.

AZOV SEA REGION—CANCRINITE

Thermoluminescence of cancrinite from the region of the Sea of Azov. O. M. Platonov, V. P. Belichenko. *Dop. AN URSSR* no. 2:246-249 '66.

AZOV SEA REGION—FERTILIZERS AND MANURES

Possibility of using nepheline rocks from the Panchiksky Massif (northern part of the region of the Sea of Azov) as fertilizer. I. U. D. Bochkovoi, O. I. Zaryan'ky, O. M. Stenova'skii. *Geol. zhur.* 26 no. 1:123-121 '66.

AZOV SEA REGION—FLUORSPAR

Some genetic characteristics of the fluorite mineralization in the conjugated zone of the Donets Basin and the region of the Sea of Azov. *Dop. AN URSSR* no. 2:240-251 '66.

AZOV SEA REGION—NEPHELITE

Possibility of using nepheline rocks from the Panchiksky Massif (northern part of the region of the Sea of Azov) as fertilizer. I. U. D. Bochkovoi, O. I. Zaryan'ky, O. M. Stenova'skii. *Geol. zhur.* 26 no. 1:123-121 '66.

AZOV SEA REGION—SODALITE

Spectrophotometric studies of sodalite from the region of the Sea of Azov. O. M. Platonov, V. P. Belichenko. *Geol. zhur.* 26 no. 1:110-111 '66.

AZOV SEA REGION—SYENITE

Postmagmatic alkali feldspar syenites in the region of the Sea of Azov. I. A. Maslachenko, O. I. Chashka. *Geol. zhur.* 26 no. 1:93-100 '66.

BABAYURT DISTRICT—PRODUCE TRADE

Forming collective. K. Vunuk. *Zakup. sel'khoz. prod.* no. 3:16 M. '65.

BABICHEV, ALEKSEI VASIL'EVICH, 1887-1963

A. V. Babichev's artistic heritage. A. Abramova. *Iskusstvo* 29 no. 2:22-24 '66.

BACTERIA, ANAEROBIC

Experimental anaerobic infection and its treatment with antibiotics. A. A. Balabin. *Voen.-med. zhur.* no. 1:41-44 Ap '65.

BACTERIA, HETEROTROPHIC—CULTURES AND CULTURE MEDIA

Study of the nucleic acid composition and content in different varieties of *Bacillus brevis* var. G-1. H. V. N. Stoltzov, V. M. Glazer, S. V. Sleptakov. *Nauch. dokl. vyzhskoly: biol. nauki* no. 2:179-182 '66.

Study of the role of some amino acids in the processes of population relationships of various dissociation forms of bacteria on *Bacillus brevis* var. G13 model. V. N. Sletkov, G. G. Zharikova, A. A. Lakin. *Vest. Mosk. univ.* Ser. 6:86-90 Ju-F '66.

BACTERIA, HYDROGEN

Use of the Mössbauer effect in studying the Fe⁵⁷ state in hydrogenomonas Z-1. I. U. Sh. Meshkovskii and others. *Biokhimiya* 11 no. 2:357-359 '66.

BACTERIA, PATHOGENIC

Desoxyribonuclease of pathogenic bacteria, a review of the literature. O. V. Messimova, D. V. Iusupova. *Zhur. mikrobiol., epid. i imm.* 43 no. 3:39-44 M. '66.

Variability and toxicity of proteins of the entomopathogenic *Bacillus thuringiensis* subsp. *israelensis*. M. V. Zolotarev, A. F. Turlina, V. M. Chernova. *Uch. zap. Mord. gos. univ.* no. 47:123-127 '66.

BACTERIA, PHYTOPATHOGENIC

Biochemical mechanisms of the antimicrobial immunity of plants. B. A. Rubin. *Nauch. dokl. vyzhskoly: biol. nauki* no. 2:7-12 '66.

BACTERIAL ANTAGONISM see Antibiosis

BACTERIAL WHITE DIARRHEA see Pullorum disease

BACTERICIDES

Bactericidal irradiation of the air in drugstores. D. A. Zil'ber, A. I. Olefinovich. Apt. delo 13 no. 6:8-12 N-D '64

Sporicidal properties of β -propiolactone. M. I. Vorob'ev. Voen.-med zhur. no. 4:55-58 Ap '66.

BACTERIOPHAGE

Analysis with T₂ bacteriophage as a supplementary test for the differentiation of *Brucella* species. N. N. Ostrovskaya, E. I. Baitmazova. Zhur. mikrobiol., epid. i immu. 43 no. 3:75-79 Mt '66.

Conditions of spheroplast infection with isolated DNA of γ phage. S. I. Dzhakun. Zhur. mikrobiol., epid. i immu. 13 no. 3:13-18 Mt '66.

Indicator bacteriophage. V. N. Kuznetsova, Z. S. Ostrovskaya. Zhur. mikrobiol., epid. i immu. 43 no. 3:53-60 Mt '66.

Molecular weight of DNA of the ϕ -phage of *Escherichia coli* SK. T. I. Tikhonenko, V. L. Zak. Biokhimiya 31 no. 1:33-41 Ja-F '66.

Phage typing of pathogenic staphylococci isolated from cow's milk. I. I. Arkhangel'skiy, B. A. Stepanov. Veterinarika 12 no. 3:27-29 Mr '66.

Purification, purification and concentration of bacteriophage D-VII. T. I. Tikhonenko and others. Vop virus 11 no. 1:31-38 Ja-F '66.

X-ray study of the high polymer DNA Sp₂ and T₂ bacteriophages. V. V. Lednev, T. I. Tikhonenko. Biologika 11 no. 2:204-212 '66.

Yield of virulent mutants in irradiated populations of intracellular temperate phage λ as an indicator of the disturbance of the function of regulation (expression) of genetic information. G. E. Gradin. Genetika no. 3:106-114 '66.

BACTRIAN COINS see Coins, Bactrian

BADKHYZ REGION (TURKMENISTAN)—GEOLOGY, STRATIGRAPHIC

Paleocene sediments in the Badkhyz region and in the spurs of the Paropamius Mountains. I. P. Chepov. Vest Mosk un Ser 4: Geol. 10 no. 2:35-38 Mt-Apr '64.

BADKHYZ REGION (TURKMENISTAN)—SNAKES

New occurrence of sand snake (*Psammophis schokari* Forsk.) in the U.S.S.R. I. K. Gorelov, N. N. Shcherbak. Zool. zhur. 45 no. 3:466-168 '66.

BAIKAL LAKE—DESCRIPTION

A new study of Lake Baikal. N. S. Soloviev. V mire knizh. 6 no. 3:15 Mt '66.

BAIKAL LAKE REGION—GRANITE

Dvorkin-Samarskiy, V. A. [Granitoid formations in the Sayan-Baikal mountainous area] Formalisti granitoidov Sayano-Baikalskoi gornoj oblasti. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1965. 285 p.

BAIKAL LAKE REGION—LEAD ORES

New lead-zinc ore belt in the northwestern part of the Lake Baikal region. V. S. Kozmilitsyn, I. U. A. Sushchuk, L. P. Tikhonov. Geol. i rud. mestorozh. 8 no. 2:45-50 Mt-Apr '66.

BAIKAL LAKE REGION—ZINC ORES

New lead-zinc ore belt in the northwestern part of the Lake Baikal region. V. S. Kozmilitsyn, I. U. A. Sushchuk, L. P. Tikhonov. Geol. i rud. mestorozh. 8 no. 2:45-50 Mt-Apr '66.

BAKED PRODUCTS

Baked products should have an attractive marketing appearance. P. M. Kozachevskiy. Khleb i kond. prom. 10 no. 4:34-35 Ap '66.

BAKED PRODUCTS—STANDARDS

[Bread and baked products] Khleb i khitobnye izdelia. Izd. ofitsial'nogo. Moskva, Izd-vo standartov, 1966. 237 p. (SSSR Gosudarstvennye standarty)

BAKERS—

er Armenia; Kirovabad, 1, Ukraine) vic. R. Suchkova, Sov.

BAKES—MANAGEMENT

(see also subdivision under Alma-Ata)
Making calculations for the transfer to a new system. G. I. Kleiman. Khleb i kond. prom. 10 no. 4:25-27 Ap '66.

Transfer of bakers to a new system of planning and economic incentives. N. F. Danilov, A. I. Mer'nikov. Khleb i kond. prom. 10 no. 1:22-24 Ap '66.

BAKES—TECHNOLOGICAL INNOVATIONS

Socialist competition and technological progress. A. V. Syz'ina. Khleb i kond. prom. 10 no. 4:30-32 Ap '66.

BAKERY EMPLOYEES see subdivision under Odessa

BAKHAROV, BORIS SERGEEVICH, 1902-1944

At the head of the Bobruysk Tank Corps. A. Sakharov. Voen. znani, 42 no. 4:8-9 Ap '66.

BAKING

Kinetics of dough and bread rising during baking. V. V. Retoslavskiy, A. T. Lisovenko, A. A. Mikhelev. Khleb i kond. prom. 10 no. 4:4-6 Ap '66.

BAKU—FLOUR MILLS

Socialist competition at the Baku Milling Combine. N. Kamkin. Muz.-elev. prom. 32 no. 4:3 Ap '66.

BAKU—MEASLES—PREVENTIVE INOCULATION

Reactogenicity and epidemiological effectiveness of measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology according to data from Baku. D. M. Safarov, G. S. Revila. Trudy Len. inst. epid. i mikrobiol. 26:330-334 '65.

BAKU—PETROLEUM WORKERS

Gadzhinskiy, D. D. [In the fire of revolutionary struggle; the industrial and factory commissions in the Baku petroleum industry district during the years of the first Russian revolution] V ognе revolyutsionnoi bor'by; promyslovyye i zavodskie komitety v Bakinskoy neftepromyshlennom raione v gody pervoi russkoi revolyutsii. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 178 p.

BAKU—REVOLUTION OF 1905

Gadzhinskiy, D. D. [In the fire of revolutionary struggle; the industrial and factory commissions in the Baku petroleum industry district during the years of the first Russian revolution] V ognе revolyutsionnoi bor'by; promyslovyye i zavodskie komitety v Bakinskoy neftepromyshlennom raione v gody pervoi russkoi revolyutsii. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 178 p.

BAKU—RUSSIAN NEWSPAPERS

We shall preserve our traditions. M. Okulov. Sov. pech. no. 11:3-5 N '64.

BAKU—TOWERS

Structure of the lower (underground) part of the "Devich'ya" Tower. O. Sh. Ismailova. Mat kul't. Azerb. 6:223-234 '65.

BALAKHANY-SABUNCHI-RAMANY OIL FIELD—PETROLEUM PRODUCTION

Increasing oil recovery from horizons IX and X of the Balakhany-Sabunchi-Ramany oil field. A. S. Gadzhikashumov. Izv. vya. ucheb. zav., nef't i gaz. 8 no. 8:35-38 '65.

BALAKHINA (GORKY PROVINCE)—PAPER MILLS

Output of the Balakhina mill has grown. N. Krasbeninnikov. Na stroi. Ros. 7 no. 3:12-13 Mr '66.

BALAKLEYA (UKRAINE)—CEMENT PLANTS

Largest cement plant. V. Setaia. Stroi. i arkh. 12 no. 3:27 Mr '64.

BALANCING OF MACHINERY

Unit for balancing the grinding wheel of a precision machine. I. U. S. Reibakh, Stan. i mas. 37 no. 4:28-30 Ap '66.

BALKAN PENINSULA—LANGUAGES—MAPS

The possibility of using the areal-typological methods in the study of the Balkan linguistic community, the preparation of a linguistic atlas of the Balkan linguistic community. T. V. Tsvetanov. Sov. slav. no. 3:45-54 '66.

BALKAN STUDIES see subdivision under Bulgaria

BALKHAN RANGE—BOTANY

Synopsis of the flora of the Greater Balkhan. Report No. 3. G. M. Proskurakova. Nauch. dokl. vys. shkoly, biol. nauki no. 2:134-143 '66.

BALKHAN RANGE—FOLDS (GEOLOGY)

New data on Jurassic folding in the Greater Balkhan Range. V. A. Prozorovskiy, E. I. Pishkin. Vest LGU 18 no. 24:47-53 '63.

BAKHASH—CONSTRUCTION INDUSTRY—MANAGEMENT

Ways with the workers. G. Vostrikova. Nar. khoz. Kazakh. 23 no. 2:49-50 Ja '65.

BALKHASH LAKE REGION—CORN (MAIZE)—WATER REQUIREMENTS

Water balance in irrigated taylor soils planted with corn in the southern Balkhash Lake region. A. Urakbayev. Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no. 5:21-25 S-O '64.

BALKHASH LAKE REGION—MUSKRATS

Muskrat trappers. Akzhigitov. Zakup. sel'khoz. prod. no. 2:60-61 F '66.

BALKHASH LAKE REGION—TAKYR

Water balance in irrigated taylor soils planted with corn in the southern Balkhash Lake region. A. Urakbayev. Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no. 5:21-25 S-O '64.

BALLADS, GEORGIAN

Khalidzade, G. A. [The Georgian popular ballad, Translated from the Georgian] Gruzijskaja narodnaja ballada. Tbilisi, Literaturnaja khizmat, 1965. 101 p.

BALLET—STUDY AND TEACHING

Ballets, seminars, doubts. . . Peti Gusev. Teatr 27 no. 3:23-30 Mt '66.

BALLISTIC MISSILES—GUIDANCE SYSTEMS

Zhakov, A. M., and F. A. Pigulovskiy. [Guidance of ballistic missiles] Upravlenie ballisticheskimi raketami. Moskva, Voenizdat, 1965. 277 p.

BALISTOCARDIOGRAPHY

Ballistocardiographic study of the aged. D. S. Kalyashov. Sob. AN Gruz. SSR. 41 no. 2:493-496 F '66.

Dynamic ballistocardiographic examinations of patients with endemic goiter in various stages of thyrotoxicosis. A. P. Korolkova. Nek. vop. klin. i kruev. pat. no. 4:67-69 '65.

BALLOONS, SOUNDING

Balloon studies of radiation fluxes in the free atmosphere. K. I. Kondrat'ev, G. A. Nikol'skiy, E. N. Esipova. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 4:380-393 Ap '66.

BALTIC SEA REGION—FISHERIES—ACCOUNTING

Conference of accounting activists of the fishing industry of the Western Basin. Bukhg. uch. no. 3:78-79 Mr '65.

BALTIC STATES—POPULATION

Population of the Baltic states. I. U. P. Mironenko. Sob. Inst. po izuch. SSSR no. 3:64-68 '65.

BANKS AND BANKING

(see also subdivision under Rogachev District)
The bank and the profit of an enterprise. M. Pesset. Den. i kred. 24 no. 4:15-23 Ap '66.
Brief information on foreign exchange and banks abroad. Den. i kred. 24 no. 4:84-87 Ap '66.
Control over the efficiency of expenditure for irrigation. A. Ulanov. Den. i kred. 24 no. 4:46-48 Ap '66.
Control over the reliability of documents presented to the bank. N. N. N. N. Den. i kred. 24 no. 4:57-59 Ap '66.
Control over the settlement of accounts in automotive transportation. A. Borisova. Den. i kred. 24 no. 4:43-45 Ap '66.

In the name of communism, for the welfare of the people. Den. i kred. 21 no. 4:13-17 Ap '66.
Questions and answers. Den. i kred. 24 no. 4:66-67 Ap '66.

BANKS AND BANKING—ACCOUNTING

(see also subdivision under Kiev)
Changes in the balance and reports of the State Bank. N. Kulyov. Den. i kred. 24 no. 4:82-86 '65.

BAR (VINNITSA PROVINCE)—DISTILLERY BY-PRODUCTS

Production of feed yeast from molasses stillage in the Bar Distillery. A. G. Zaborovskiy, V. A. Birczek. Ferment. i spirt. prom. 32 no. 3:30-32 '66.

BARANOVICH DISTRICT—RATS—EXTERMINATION

Practices in total deratization in Baranovich District. Kh. S. Harahlad, A. A. Bogush, P. Z. Patapenko. Vestnik AN BSSR, Ser. sel'khoz. nav. no. 1:123-127 '66.

BARBITURIC ACID—THERAPEUTIC USE

New drugs. Apt. delo 13 no. 6:85-87 N-D '64.

BARBITURIC ACID—TOXICOLOGY

Barbituric acid derivatives in relation to toxicology and forensic chemistry. A. V. Belova. Apt. delo 13 no. 6:80-80 N-D '64.

BARGES

A new type of self-propelled barge. T. Piarin. Rezh. transp. 25 no. 3:54 '66.
Problems in improving the use of crewless barges. M. Kheifets, V. Golubev. Rezh. transp. 24 no. 8:9-11 '65.
Use of the first integrated tows. M. G. Galkovskaya. Trudy TSNIIEVT no. 18:5-21 '68.

BARITE

Comparative evaluation of the weighting capacity of magnetite and of various fine ground barites. A. P. Volkovskiy and others. *Bullet. no. 3:10-21* '66

BARIUM—ANALYSIS

Method indicator for barium in the volumetric determination of sulfates in the presence of phosphates and acetates. V. I. Kuznetsov, N. N. Buzargin. *Zav. lab. 31 no. 5:338-341* '65.

BARIUM HYDROXIDE

New variant of barium hydroxide production technology. V. A. Sokol and others. *Trudy IREA no. 27:305-371* '65.

BARIUM STANNATES

Barium stannate as a source in measuring the Mossbauer effect on Sn^{119} . M. V. Plotnikova, I. P. Mitrophanov, V. S. Shipilov. *Pril. k razr. zhur. eksp. i teoret. fiz. 3 no. 8:323-326* '66

BARIUM ZIRCONATE

Subsolidus structure and ternary compounds of the system $\text{BaO}-\text{ZrO}_2-\text{SiO}_2$. I. U. M. Gal'kin, V. G. Chmilyantsev. *Izv. AN SSSR. Neorg. mat. 2 no. 3:520-530* '66.

BARLEY

Basic indices and characteristics of the physicochemical qualities of barley grown for greens. A. S. Bulikovskaya, A. N. Zerkova. *Trudy VNIIZ no. 5:181-192* '61

Effect of sowing rates on the yield and brewing quality of the grain of barley. E. P. Iushchik. *Vest. AN BSSR, Ser. sel'sk. khoz. nauch. no. 1:66-71* '66

Effect of the irradiation of seed by radioactive cobalt on the growth, development, and yield of wheat and barley. I. A. Ivanov, B. N. Kutikov. *Bull. KirgNIIZ no. 5:43-46* '60.

BARLEY—DISINFECTION

Early seed disinfection. N. Amukoeva. *Zashch. rast. 11 no. 2:30-31* '66.

BARLEY—DRYING see subdivision under Kegichevka region (Kharkov Province)

BARS (ENGINEERING)

Influence of conditions on the strength and the heating of rods in friction welding. V. P. Voinov. *Svar. prot. 6 no. 5:15-17* '64

Rods made of 15 steel for forging hammers. P. A. Ivanov. *Kov. -shim. prot. 6 no. 10:20-30* '64.

Theoretical investigation of the carrying capacity of centrally compressed thin-walled bars made of aluminum alloys. N. G. Grabinskiy, P. I. Mekh. 2 no. 4:78-84 '66.

BARITO, AGNIA L'VOVNA, 1906-

Life dedicated to children. Vera Smirnova. *Scim'in i shkola 21 no. 2:11-12* '66.

BASAL METABOLISM

(see also subdivision under Transbaikalia)

1 eternal respiration and basal metabolism in abdominal tumors. P. I. Mylnikov. *Vop. travm. no. 2:111-117* '63.

BASALT

(see also subdivision under Armenia)

Glazing paste for furnace protection. Masl. -zhur. prom. 32 no. 3:18 '66.

BASES (CHEMISTRY)

Activity of weak bases during the exchange of the sulfo group by a hydroxyl. M. A. Il'inskiy. *Zhur. prikl. khim. 39 no. 2:383-389* '65

BASHKIRIA—ECONOMIC CONDITIONS

In the foothills of the Urals. Svetlana Sergeeva. *Nov. vrem. 23 no. 20:24-27* '64.

BASHKIRIA—GAS, NATURAL—GEOLOGY

Geological characteristics of the noncompensated trough of the Assel'-Sakmara-Artinskoye time in the Yuryuzan'-Sylva trough in connection with oil and gas searching in reefs. Z. S. Ivanova, L. V. Kiseleva, T. I. Khat'lanov. *Neftgaz, geol. i geofiz. no. 4:0-11* '66

Oil and gas occurrences in Paleozoic carbonate sediments of Bashkiria. A. D. Nadezhkin, I. I. Shatov. *Geol. nef. i gaza 10 no. 3:16-20* '66.

BASHKIRIA—NITROGEN FERTILIZERS

Urea as fertilizer. R. G. Ikhanov. *Zemledelie 20 no. 11:76-79* '64.

BASHKIRIA—OIL SANDS—ANALYSIS

Concerning the functions of the distribution of the porosity factor in Devonian terrigenous rocks in Bashkiria. M. M. Saitarov, E. A. Andreev. *Geol. nef. i gaza 10 no. 3:40-52* '66.

BASHKIRIA—PETROLEUM—ANALYSIS

Characteristics of the change in the composition of physicochemical properties of petroleum in fields of the Ichimay type along the height of a petroliferous stage. L. A. Rudchenko, R. M. Sokova. *Neftprom delo no. 4:8-10* '66.

BASHKIRIA—PETROLEUM GEOLOGY

Geological characteristics of the noncompensated trough of the Assel'-Sakmara-Artinskoye time in the Yuryuzan'-Sylva trough in connection with oil and gas searching in reefs. Z. S. Ivanova, L. V. Kiseleva, T. I. Khat'lanov. *Neftgaz, geol. i geofiz. no. 1:8-11* '66

Geological conditions determining the distribution of oil pools in Devonian terrigenous sediments in the Tatar Arch in the Tatar A. S. S. R. and Bashkiria. A. I. Kirshechov and others. *Trudy VNIIGI no. 46:26-204* '65.

Oil and gas occurrences in Paleozoic carbonate sediments of Bashkiria. A. D. Nadezhkin, I. I. Shatov. *Geol. nef. i gaza 10 no. 3:16-20* '66.

Oil pools in Upper Devonian reefs. E. M. Khalimov, L. P. Sizov. *Neftgaz, geol. i geofiz. no. 4:11-14* '66

Structural characteristics of the kama-kinal system of troughs in connection with oil occurrences in Devonian carbonatic and carbonaceous sediments in northern Bashkiria. M. A. Iumayev. *Trudy VNIIGI no. 46:147-150* '65.

Tectonics and oil occurrences in the Chernushka swell. B. V. Lopashov, N. I. Chernov. *Trudy VNIIGI no. 46:49-53* '65.

BASHKIRIA—PETROLEUM PRODUCTION

Petroleum production workers in the fight for technical progress. R. Akhmerov. *Neftnik 11 no. 4:4* '66.

BASHKIRIA—PROSPECTING

New record for Bashkir oil prospectors. V. Dzema. *Neftnik 10 no. 11:3-4* '65.

BASHKIRIA—SEISMIC PROSPECTING

New seismic data obtained by the controlled directional sensitivity method on the subsurface structure of the eastern part of the Bavl'-Baltayev zone. P. A. Blokhin, I. A. Mushin, L. B. Shevchenko. *Neftgaz, geol. i geofiz. no. 4:30-31* '65.

BASHKIRIA—WINDBREAKS, SHELTERBELTS, ETC.

Structure and width of shelterbelts in Bashkiria as factors of their effectiveness. O. A. Sakhaudina. *[Sbor. rab.] VNIILMI no. 13:55-60* '63.

BAST

Machines for harvesting bast fiber crops. I. M. Makhov. *Trakt. i sel'khoz. mash. no. 5:26-28* '66.

BAST—MICROBIOLOGY

Production of antiseptic mercury-containing bast fabrics. S. T. Shaposhnikova, I. I. Pogorelov, B. I. Alkhodzhnev. *Tekst. prom. 26 no. 4:22-23* '66

BASTNAESITE

New information on bastnaesite. I. V. Aleksandrov, V. I. Ivanov, L. A. Shtrova. *Zap. Vses. min. ob-va no. 3:323-326* '65.

BATIS, MEDICATED see subdivision under Dzhermuk (Armenia)

BATIS, MOOR AND MUD

(see also subdivision under Beklemishevo, Chita Province, Tsernopol', Urdan, Chita Province)

Medicinal power of mud. E. Stepanova. *Okhr. truda i zote. strakh. 6 no. 5:36* '65.

BATIS, SEA

(see also subdivision under Crimea)

Dosage of climatotherapeutic procedures based on their cooling effect, physical and physiological fundamentals. Report No. 1. Principles of sea bath dosage and the method of their use. V. G. Boksha, G. D. Latyshev. *Vop. kur., fizioter. i lech. fiz. kul't. 30 no. 2:107-102* '66

BATS

Principles of ultrasonic space orientation in bats. A. I. Konstantinov. *Vop. sav. fiziol. nann. no. 2:93-111* '66.

BATUM REGION—TEA

Ways of restoring the yielding capacity of old low-yielding tea plantations. V. I. Sanikidze. *Subtrop. kul't. no. 4:3-18* '65.

BAUKIN, VIKTOR KONSTANTINOVICH

The way to foremanship. V. Gann. *Prof. -tekh. obr. 23 no. 4:1-2* '66.

BAUXITE

(see also subdivision under Ural Mountains)

Forced agitation in autoclaves during alumina leaching out of diasporic bauxites. N. S. Mal'ina, V. A. Bernshteyn. *TSvet. met. 39 no. 3:48-52* '66.

Study of the solubility of metapelite and chlorite-amphibole shale in natural organic acids in connection with the study of conditions governing the formation of bauxites. E. P. Levando and others. *Kora vyvet. no. 7:89-110* '66.

BAUXITE—CONGRESSES

Third Conference on Bauxites in Yugoslavia. G. I. Buzhinskii. *Lit. i pol. iskop. no. 2:161-163* '66.

BAY OIL

Utilization of essential oil wastes. V. G. Prudze, N. A. Kchelidze. *Mast. -zhur. prom. 32 no. 2:26* '66.

BAYERITE

Formation and the role of bayerite in the decomposition of aluminum solutions. V. A. Kavina, A. N. Ilapurov, V. A. Chistakova. *TSvet. met. 39 no. 4:50-55* '66.

BEAMS AND GIRDERS

Determining the coefficient μ of the characteristic form of the lateral section of an element. A. N. Marchenko. *Mat. po met. konstr. no. 10:92-100* '65.

Determining the displacement in bimetal beams during their performance beyond the limits of elasticity. P. I. Zaitsev. *Stroikonstr. no. 3:122-130* '65.

Overhead-conveying crane tracks with guides spanning 12 meters. A. D. Liberman and others. *Stroikonstr. no. 3:5-12* '65.

BEAMS AND GIRDERS—TESTING

Machinery for testing flexure under sliding loads. I. I. Chernov. *Stroikonstr. no. 3:59-63* '65.

BEAMS AND GIRDERS—VIBRATION

Convergence of the approximate natural frequencies of the vibrations of a free beam of variable parameters to the exact frequencies of the problem. K. Ia. Kukhla. *Dop. AN URSR no. 2:151-157* '66.

Determining the frequencies of natural vibrations of freely supported foundation beams of machine power plants. S. M. Stal'. *Trudy TSNIMF no. 71:103-111* '66.

Determining the natural frequencies and forms of longitudinal vibrations of a free beam of variable mass under concentrated load. K. Ia. Kukhla. *Dop. AN URSR no. 3:312-315* '66.

BEANS

Methodology of determining the germination of forage bean seeds. N. V. Serebriakova. *Trudy VNIIZ no. 53:163-165* '64.

Study of the resistance of the inhibitors of proteolysis in white bean. M. P. Chetnikov, E. P. Abramova. *Vop. pit. 25 no. 2:59-64* '66.

BEARING METALS—ELECTROMETALLURGY

Experience in smelting ball-bearing steel with the new technological remelting method. G. N. Otka and others. *Stal' 26 no. 4:327-328* '66.

BEARING METALS—METALLOGRAPHY

Carbide network in ball-bearing steel and measures for its prevention. A. I. Komissarov, V. A. Khosh, A. A. Khudenko. *Stal' 26 no. 4:339-360* '66.

BEARINGS (MACHINERY)

Basic kinds of wear and limiting states occurring in antifriction bearings. F. S. Edigarian. *Vest. mashinost. 16 no. 4:126-127* '66.

Calculating carrying capacity of oil keys of non-circular sliding bearings of slightly loaded reversing shafts. I. U. D. Poltavskii, S. K. D'achenko. *Vest. KhPI no. 1:87-95* '66.

Calculating carrying capacity of sliding thrust bearings of finite length. I. U. D. Poltavskii, O. I. Bogdanov. *Vest. KhPI no. 1:106-101* '66.

Calculation of hydrostatic thrust bearings. G. P. Kudrjavtsev. *Vest. KhPI no. 1:134-142* '65.

Four-row bearings with "floating" collars on the supports of rolls. I. P. Goncharov, S. K. D'achenko, I. A. Ulin. *Metalurg. 11 no. 4:26-30* '66.

Optimal characteristics of hydrostatic thrust bearings. G. P. Kudrjavtsev. *Vest. KhPI no. 1:143-150* '65.

Polymer coating of sliding bearings. V. A. Bolyi, O. R. Iurkovich. *Mashinostroitel' no. 4:33* '66.

Repairing coupling thrust bearings. D. Sukhorukov. *Avi. transp. 16 no. 4:26-27* '66.

Selecting an efficient design for the bearings and packages of the lower drum of the dredger. V. Khakhania. *Rech. transp. 23 no. 3:35-37* '66.

Selecting plastic (grease) lubricants for ceramic metal sliding bearings. V. D. Zozulia, I. U. I. Iechuk. *Fiz. -khim. mekh. mat. 2 no. 1:60-61* '66.

Stresses developing in the propeller shaft due to the relative displacement of bearings. D. E. Iskritskii. *Sudostroenie 30 no. 4:25-29* '64.

Using hydrostatic bearings. M. P. Rudenko. *Vest. KhPI no. 1:170-162* '65.

BEARINGS (MACHINERY)—LUBRICATION

Heat balance of the rolling unit of bearings with liquid self-lubricant for the vertical shaft. B. D. Voronkov. *Trudy NIIKHMASHI no. 46:106-116* '64.

BEARINGS (MACHINERY)—MAINTENANCE AND REPAIR

Buildup welding of a babbit lining in the repair of large bearings. I. A. Utkin, G. I. Sludronko. *Svar. prot. 26 no. 2:36-38* '66.

BEARINGS (MACHINERY)—SAFETY MEASURES

When the heat control of bearings is necessary. E. D. Genin. *Prom. energ. 21 no. 4:35-37* '66.

1540

BERLIN, WEST—COMMUNIST PARTY

In the vanguard of the struggle for peace and progress
V. Eder. Put in n' no 72-71 May '66

BERLIN CONFERENCE, 1951

The Potsdam Conference of the Leaders of the Peace
Great Powers (to be continued) Mezhdunar. zhurn' 13
no. 3:152-160 '66

BERNSTEIN POLYNOMIALS

Generalization of Bernstein polynomials O. Shabrov,
Dokl. AN Tadzh SSR 9 no. 2:7-11 '66

BERYLLIUM

Determination of yttrium and beryllium present together
by means of complexometric titration M. P. Bozhenko-
va Vest Mosk un Ser. 2 Khim. 21 no. 1:50-53 Jan-F
'66

Photoneutron radiometer for exploring beryllium ores,
B. L. Pollakov and others. Vop. rad. geofiz. no. 8:166-
168 '65.

Portable beryllometer. A. V. Golev, A. D. Suvorov,
A. I. Baranov. Vop. rad. geofiz. no. 6:123-128 '65.

Reliability and accuracy of the results of photoneutron
logging for beryllium. O. V. Shishakina, I. P. Koshchev.
Vop. rad. geofiz. no. 6:129-133 '65.

BERYLLIUM—ANALYSIS

Determination of beryllium in aluminum alloys with
beryllium IV. I. M. Rudanova, S. N. Pinneva. Zav. lab.
32 no. 4:401-403 '66.

BERYLLIUM BORIDES

Ternary compounds in the system beryllium - boron -
carbon. I. A. Markovskii and others. Zhur. prikl. khim.
39 no. 1:13-20 Jan '66.

BERYLLIUM CHLORIDE

Molecular compound of beryllium chloride with urotro-
pine. E. A. Gunner, L. M. Mol'nichenko. Zhur. neorg.
khim. 11 no. 2:420 F '66.

BERYLLIUM COMPOUNDS

Reaction of beryllium with thiocyanate ions in aqueous
solutions. A. V. Novoselova and others. Vest Mosk
un Ser. 2 Khim. 21 no. 1:16-19 Jan-F '66.

BERYLLON

Determination of beryllium in aluminum alloys with
beryllium IV. I. M. Rudanova, S. N. Pinneva. Zav. lab.
32 no. 4:401-403 '66.

BESNIER-BOECK DISEASE see Granuloma benignum

BESSEMER PROCESS

Metal blowing by oxygen with an addition of fuel. V. M.
I. uzbeko and others. Izv. vuz. ucheb. zav. ; chem. met.
9 no. 1:57-63 '66.
Steel desulfurization in oxygen-blown converter. V. M.
Seryotkin and others. Izv. vuz. ucheb. zav. ; chem. met.
9 no. 4:52-56 '66.

BESSEMER PROCESS—COSTS see subdivision under Ukraine

BEST BOOKS—BIBLIOGRAPHY see Bibliography—Best books

BETA RAYS

Reflection of beta-particles and its application to the
analysis of metallurgical systems V. G. Gufin, A. A.
Zhukhovitskii. Shoi. inst. tall i splav no. 11:52-68
'66

BETA RAYS—DECAY

Excitation and ionization of atoms as a result of beta
decay. G. A. Skorobogatov. Teori. i ekspr. khim.
2 no. 1:26-36 '66.
Formation of XeO_2 in β -decay of iodine-131 in the
composition of alkali metal iodides. I. S. Kirin, I. U. K.
Gusev. Dokl. AN SSSR 167 no. 5:1080-1083 Ap '66.
Systematization of the total periods of beta decay. N. N.
Kolesnikov, A. P. Kraylova. Vest. Mosk. un. Ser. J. Fiz.,
nat. 21 no. 2:113-116 Mr-Apr '66.

BEVERAGES

Kristali, Z. B. [Liquid separators in the beer and
soft drinks industry] Zhidkostnye separatory v piv-
bozalogo i mol. promyshlennosti. Moskva, TsINTPI-
shechoprom, 1965. 28 p.

[MICROFILM]

BIALYI, GRIGORI ABRAMOVICH, 1906-

G. A. Bialy's 60th birthday. B. F. Egorov. Vest. LGU
21 no. 6:104 '66.

BIBLE

Bible. N. T. Russian, 1955. [Gospel; i.e., Joyous
tidings or, the New Testament of Our Lord Jesus
Christ. From the original text published with the bless-
ing of the Holy Synod with a book of psalms as a supple-
ment] Evangelio; to est', Blagaya vest' ili Novyi Zavet
Gospoda Nashogo Isusa Khrista. S pervonachal'nogo
teksta, izdannogo po blagosloveniu Sv. Sinoda s prilo-
zheniem knigi psalmov. Ed. 3. Washington, D.C.,
Russkoe Bibloskoe ob-vo, [1955] 473, 123, 308 p.
(Mid)

BIBLIOGRAPHY

[Book chronicle] Knizh. ist. nos. 16, 19-21 '66 Vspom-
ogatel'nye ukazateli k nos. 40-52 za 1965

The books written by journalists. Sov. pech. no. 11 48
N. 161.

Brief book reviews. Sov. mir 11 no. 3:278-280 Mi
'65.

Brief book reviews. Nov. mir 12 no. 1:276-285 Ja '66
Brief book reviews. Nov. mir 12 no. 2:281-285 I
'66.

Brief book reviews. Nov. mir 12 no. 3:271-280 Mi '66
Brief news. Sov. bibl. no. 1:41-49 '66

[Chronicle of the publications of the White Russian
S. S. R.] Let. druku BSSR no. 12 D '65

[Comprehensive publishing plan of the literature on aes-
thetics, art studies, literary studies, criticism and
philology in Russian for 1966 the central publishing
houses "Khudozhestvennaya literatura," "Sovetskii
pisatel," "Iskusstvo," "Muzyka," "Sovetskii khudozh-
nik," "Politizdat," "Nauka," "Mysl'," "Vysshaya shkola,"
"Kniga," "Molodaya gvardia," and Proizdat. Svoyni
tematicheski plan literatury po estestike, iskusstvuozna-
niiu, literaturovedeniui knizhe i filologii na russkom
azyke na 1966 god. Tsentral'nye izdatel'stva "Khudozhe-
stvennaya literatura," "Sovetskii pisatel," "Iskusstvo,"
"Muzyka," "Sovetskii khudozhnik," "Politizdat," "Nauka,"
"Mysl'," "Vysshaya shkola," "Kniga," "Molodaya gva-
rdia," Proizdat. Moskva, Gos. komitet Soveta Mini-
strov SSSR po pechatu, glav. red. khudozhi. lit.-v,
1965 34 p.

[Information index of bibliographical lists and card
files] Inform. ukaz. bibl. spis. i kart. 10 nos. 3, 7 F-Mi
'66.

[New books; bibliographical information weekly] Nov.
knigi, ezhened. inform. - bibl. zhur. 11 no. 17 Ap
'66

New books. Nov. mir 11 no. 3:287-288 Mi '65.

New books. Nov. mir 12 no. 1:286-288 Ja '66.

New books. Nov. mir 12 no. 2:286-288 F '66.

New books. Nov. mir 12 no. 3:281-282 Mi '66.

[New books of the U. S. S. R.] Nov. knigi SSSR nos. 17-18
Ap '66.

[New literature on science and research abroad] Nov.
lit. o nauke i nauch. - issl. iab. za rub. no. 12 '64

[New Soviet literature on science and general research
in the U. S. S. R.] Nov. sov. lit. o nauke i nauch. - issl.
iab. v SSSR no. 0 '63

A plan for the joint bibliographical work of the libraries
of the academies of sciences. M. V. Vasilovskaya
Sov. bibl. no. 1:86-91 '66.

Regulations on the general retrospective bibliography of
publications issued in the Union and Autonomous Repub-
lics of the U. S. S. R. during the Soviet regime. Sov. bibl.
no. 1:53-60 '66

Regulations on the general retrospective bibliography of
publications issued in the Union and Autonomous Repub-
lics of the U. S. S. R. in the pre-revolutionary period
Sov. bibl. no. 1:61-63 '66

What is bibliography. Evg. Shamulin. V mire knig 6
no. 3:42 Mr '66.

Work and objectives of the Book Chamber. P. Chuvikov.
V mire knig 6 no. 3:41-45 Mr '66.

BIBLIOGRAPHY—AFRICA

[New Soviet and foreign literature on the countries of the
non-Soviet East] Nov. sov. i inostr. lit. po stran. zatub.
Vost. no. 7 '66

[New Soviet and foreign literature on the countries of
Asia and Africa] Nov. sov. i inostr. lit. po stran. Az. i
Afr. no. 3 '66

BIBLIOGRAPHY—AGRICULTURE

[Agricultural literature of the U. S. S. R.] Sel'khoz. lit.
SSSR no. 2 '66.

[New foreign books. Series V: Biology, medicine, agri-
culture] Nov. knigi za rub. Ser. V Biol., med., sel'
khoz. 10 no. 4 Ap '66.

BIBLIOGRAPHY—ARCHAEOLOGY

[New foreign literature on history, archaeology, and
ethnography] Nov. inostr. lit. po ist., arkhool. i etn.
no. 3 '66

[New Soviet literature on history, archaeology, and
ethnography] Nov. sov. lit. po ist., arkhool. i etn. no. 12
'64, no. 3 '66.

BIBLIOGRAPHY—ART

Moscow. Publichnaya biblioteka. [Union index of biblio-
graphic lists and card catalogs compiled by libraries of
the Soviet Union in 1964: The social sciences.
Literature. Art] Svoyni ukazateli bibliograficheskikh
spiskov i kartotek, sostavlenykh bibliotekami Sovet-
skogo Soiuza v 1964 godu. Obshchestvennyye nauki,
Khudozhestvennaya literatura. Iskusstvo. Moskva,
Kniga, 1965. 95 p.

BIBLIOGRAPHY—ART, KAZAKH

Experience in the compilation of a bibliographical index
of the "Pictorial art of Kazakhstan." R. N. Turgel'die-
va. Sov. bibl. no. 1:50-52 '66.

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of
Asia and Africa] Nov. sov. i inostr. lit. po stran. Az. i
Afr. no. 3 '66

[New Soviet and foreign literature on the countries of the
non-Soviet East] Nov. sov. i inostr. lit. po stran. zatub.
Vost. no. 7 '66

BIBLIOGRAPHY—ASTRAKHAN PROVINCE

Astrakhan (Province) Oblastnaya biblioteka. [Literature
on Astrakhan Province for 1963, a catalog of studies
on the region] Literatura ob Astrakhanskoi oblasti za
1963 god, kraevedcheskii katalog. Astrakhan', 1965
116 p.

[MICROFILM]

BIBLIOGRAPHY—AZERBAIJAN

Experience in compiling a bibliographical index of the
books of Azerbaijan. V. D. Mirzoeva. Sov. bibl.
no. 1:19-23 '66.

BIBLIOGRAPHY—BEST BOOKS

Communists no. 61 vyzn at the forefront. I. Kabaikina,
I. Kuntur. Biblioteka 13 no. 1:1-9 Ap '66.

Not a single day without reading. V. M. Iutenko. Mol.
komm. no. 3:114-117 '66.

Not it takes less time to find a book. L. F. oldina.
Biblioteka 13 no. 1:16 Ap '66.

BIBLIOGRAPHY—BIOLOGY

[New foreign books. Series V: Biology, medicine, agri-
culture] Nov. knigi za rub. Ser. V Biol., med., sel'.
khoz. 10 no. 4 Ap '66

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

New books. Zhur. anal. khim. 21 no. 3:387 '66.

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL—QUANTITATIVE

Development of the gravimetric analysis in the U. S. S. R.,
a brief bibliographic review of the period 1951-1959.
M. I. Tsvetenko. Trudy. I-go khim. 17:257-271 '62.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

First questions and answers. Vladimir Ke'el. V mire
knig 6 no. 3:31-35 Mr '66

BIBLIOGRAPHY—COMMUNIST PARTIES

Documents and articles on the history of the CPSU and
the international Communist and labor movement
published in journals, studies, collections, and trans-
actions in March 1966. Vop. ist. KPSS 10 no. 5:141-145
My '66

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Lists of subjects of dissertations defended in 1964 and
1965 for the degree of candidate of historical sciences in
the Section of the History of the Communist Party of
the Soviet Union. Vop. ist. KPSS 10 no. 5:156-158 My
'66

Subjects of doctoral dissertations approved by the Presi-
dium of the All-Union Coordinating Council and local
coordinating councils. Vop. ist. KPSS 10 no. 5:156-158
My '66.

BIBLIOGRAPHY—EARLY PRINTED BOOKS—ARMENIA

Bibliography of early Armenian books. A. G. Shv'antian
Sov. bibl. no. 1:24-28 '66

BIBLIOGRAPHY—ECONOMICS

Bibliographic information on economics literature in the
U. S. S. R. E. Bazhanova. Nauch. dokl. vuz. shkoly. ekon.
nauki 10 no. 2:118-121 '66

[New foreign books on the social sciences; economics,
philosophy, history, international relations] Nov. knigi
za rub. po obshchestv. naukam, ekon., filol., ist.,
mezhdunar. otn. 0 no. 4 Ap '66.

[New foreign economic literature] Nov. inostr. ekon. lit.
no. 3 '66.

BIBLIOGRAPHY—EDUCATION

[Literature on the pedagogical sciences and public edu-
cation] Lit. po ped. naukam i nar. obr. Jan. -Mar. 1965,
no. 1 '65.

BIBLIOGRAPHY—ELECTIONS

Recommended literature for the election campaign.
Agitator 33 no. 8:28 Ap '66

BIBLIOGRAPHY—ELECTRONICS

Bibliography on radio engineering and microwave
electronics in 1965. Izv. vuz. ucheb. zav. ; radiotekh.
9 no. 1:154-159 Jan-F '66.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and
ethnography] Nov. inostr. lit. po ist., arkhool. i etn.
no. 3 '66.

[New Soviet literature on history, archaeology, and
ethnography] Nov. sov. lit. po ist., arkhool. i etn. no. 12
'64; no. 3 '66.

BIBLIOGRAPHY—EUROPE, EASTERN

[New literature on the general problems of the European socialist countries] Nov. lit. po kazhduy evropeyskiy stranitsa 3 '66

BIBLIOGRAPHY—FOLKLORE

Mel'ts, M. L., comp. [Russian folklore, bibliographical index] Russkii fol'klor, bibliograficheski ukazatel', 1917-1944. P. 1-4. A. M. Astakhov i S. P. Luppova. Leningrad, Biblioteka Akad. nauk SSSR, 1966, 682 p.

BIBLIOGRAPHY—GENETICS

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, biology, physical geography] Nov. knigi za rub. Ser. A. 10 no. 4 Ap '66

BIBLIOGRAPHY—GEOGRAPHY

Wolke, A. A. [Extracurricular reading in geography for the higher grades of the secondary school] Vne-shkol'noye chitaniye po geografii i starinnykh klassakh sred-ney shkoly. Moskva, Prosveshcheniye, 1964, 206 p. (Pedagogicheskaya biblioteka uchitel'nykh)

BIBLIOGRAPHY—GEOPHYSICS

Academia nauk SSSR, Institut fiziki Zemli, Biblioteka [Monographs and articles published in the transactions of the Seismological Institute, Institute of the Academy of Sciences of the U.S.S.R., from 1930 to 1958, a bibliography] Monografi i stat'i, opublikovannye v trudakh Seismologicheskogo instituta, Instituta teoreticheskoy geofiziki i Geofizicheskogo instituta AN SSSR za 1930-1958 gg., bibliograficheski ukazatel'. Moskva, 1959, 79 p.

BIBLIOGRAPHY—GEORGIA

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, biology, physical geography] Nov. knigi za rub. Ser. A. 10 no. 4 Ap '66

BIBLIOGRAPHY—GERMANY, EAST

[New literature on the German Democratic Republic] Nov. lit. po Ger. Dem. Resp. no. 3 '66

BIBLIOGRAPHY—HISTORY

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 9 no. 4 Ap '66

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arheol. i etn. no. 3 '66

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arheol. i etn. no. 12 '64, no. 3 '66

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 9 no. 4 Ap '66

BIBLIOGRAPHY—KIRGHIZISTAN

Frunze Gosudarstvennaya publikatsionnaya biblioteka Kirgizskoy SSR. [Bibliography of Kirghizistan in four volumes] Bibliografiya Kirgizii v chetyrekh tomakh. Frunze

Voi 3. Pt. 3. Ch. 2. Losev, D. S. [Industry, Transport, Communication, 1946-1955; a bibliography] Promyshlennost', Transport i Svyaz' (1946-1955), ukazatel' literatury. 1965, 240 p.

BIBLIOGRAPHY—KOTSIBYNS'KYI, MYKHAILO,

1864-1913
Bibliography of M. Kotsibyn's'kyi. I. Korneichuk, Vop. lit. 9 no. 11 227-229 N '65

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

[Linguistics] Nov. sov. lit. po

—MEDICINE

Iska medicinska biblioteka, 1964. Nauchnaya meditsina SSR, bibliograficheski ukazatel'. A. A. Remizova i T. T. Dmitriyev. 477 p. [In Latvian and

1966. V. Avilins. Rad. pravo

—ADIMIR IL'ICH, 1870-1924

[In Bolshevik Ukrainian] February 1918. M. F. r. 10 no. 4:41-48 Ap '66.

—SCIENCE

[Bibliography, O-D '64.] Bib-

1965. V. Avilins. Rad. pravo
1966. V. Avilins. Rad. pravo

Moscow, Publichnaya biblioteka. [Union Index of Bibliographic lists and card catalogs compiled by libraries of the Soviet Union in 1964. The social sciences. Literature. Art.] Svoyniy ukazatel' bibliograficheskikh spisokov i kartotek, sostavlyennykh bibliotekami Sovetskogo Soyuza v 1964 godu. Obshchestvennyye nauki, Khudozhestvennaya literatura. Iskusstvo, Moskva, Kniga, 1965, 95 p.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New Soviet literature on the study of literature] Nov. sov. lit. po lit. no. 3 '66.

BIBLIOGRAPHY—LITHUANIA

Coordinating the preparation of general retrospective bibliography. A. J. Ulpis. Sov. bibl. no. 1:1-8 '66

BIBLIOGRAPHY—MEDICAL PARASITOLOGY

Soviet literature on problems in medical parasitology and parasitic diseases published in 1965. Med. parazit. i parazit. bol. 35 no. 1:117-122 Ja-F '66.

BIBLIOGRAPHY—MEDICINE

Experience in the use of cards with marginal perforations for the compilation of a medical bibliography. G. N. Novosilov. Voen.-med. zhurn. no. 1:70-75 Ap '66

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 10 no. 4 Ap '66.

BIBLIOGRAPHY—MEDICINE, MILITARY

New books. Voen.-med. zhurn. no. 4:96 Ap '66.

BIBLIOGRAPHY—MILITARY SUPPLIES

Publishing houses and technology, 1966. Tekh. i vooruzh. 24 no. 2:93-95 F '66.

BIBLIOGRAPHY—MUSIC, ESTONIAN

Bibliography of Estonian music. L. I. Ploompuu. Sov. bibl. no. 1:45-49 '66

BIBLIOGRAPHY—NAVAL ARCHITECTURE

First Russian publications of nautical literature. N. I. Olchik-Oglu. Sudostroyeniye 30 no. 4:67-71 Ap '64.

BIBLIOGRAPHY—NAVIGATION

First Russian publications of nautical literature. N. I. Olchik-Oglu. Sudostroyeniye 30 no. 4:67-71 Ap '64.

BIBLIOGRAPHY—ORIENTAL STUDIES

Brief news and bibliography. V. A. Krachkovskaya. Epig. Vest. 17:124-130 '66

BIBLIOGRAPHY—PERIODICALS

A newspaper devoted to books. N. M. Senev. V mire knig 6 no. 3:42 Mr '66.

BIBLIOGRAPHY—PHILOSOPHY

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 9 no. 4 Ap '66.

BIBLIOGRAPHY—RADIO

From the "Mass booklet series," S. Rozanov. Radio no. 3:16 Mr '66

New books, brochures, and albums. A. G. Gokhovskii. Radio no. 3:16-17 Mr '66

New books. Radiotekhnika 21 no. 4:3 of cover Ap '66.

BIBLIOGRAPHY—ROMANIA

[New literature on Romania] Nov. lit. po Rum. no. 3 '66.

BIBLIOGRAPHY—RUSSIA—REVOLUTION, 1917-1921

The October Revolution in Soviet scholarly studies. A. Andreev, P. Sobolev. Kommunist 43 no. 6:110-123 Ap '66.

Preparing for a glorious anniversary. E. G. Petrova. Sov. bibl. no. 1:61-67 '66

BIBLIOGRAPHY—RUSSIAN LITERATURE—HISTORY AND CRITICISM

Academia nauk SSSR, Fundamental'naya biblioteka obshchestvennykh nauk. [Soviet literary studies and criticism, Soviet Russian literature (general works). Books and articles of 1917-1962. A bibliographic index] Sovetskoe literaturovedeniye i kritika, russkaya sovetskaya literatura (obshchie raboty). Knigi i stat'i 1917-1962 godov. Bibliograficheski ukazatel'. Moskva, Nauka, 1966, 566 p.

BIBLIOGRAPHY—SAINT EXUPERY, ANTOINE DE,

1900-1944
Moscow. Vsesoyuznaya gosudarstvennaya biblioteka inostranoy literatury [Antoine de Saint Exupery; a bibliography] Antuan de Sent-Ekzjuperi; bibliograficheski ukazatel'. Moskva, Kniga, 1966, 58 p. (Pisatel' zarubezhnykh stran)

BIBLIOGRAPHY—SCIENCE

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, biology, physical geography] Nov. knigi za rub. Ser. A. 10 no. 4 Ap '66

BIBLIOGRAPHY—SEISMOLOGY

Academia nauk SSSR, Institut fiziki Zemli, Biblioteka [Monographs and articles published in the transactions of the Seismological Institute, Institute of the Academy of Sciences of the U.S.S.R., from 1930 to 1958, a bibliography] Monografi i stat'i, opublikovannye v trudakh Seismologicheskogo instituta, Instituta teoreticheskoy geofiziki i Geofizicheskogo instituta AN SSSR za 1930-1958 gg., bibliograficheski ukazatel'. Moskva, 1959, 79 p.

BIBLIOGRAPHY—SLAVIC STUDIES

Books describing the present-day situation, history, culture, and languages of the Slavic peoples in foreign countries published in 1965 in the Soviet Union. Sov. slav. no. 1:97-100 '66.

The most significant articles and materials on the present-day situation, history, culture, and languages of the Slavic peoples in foreign countries published in 1965 in Soviet periodicals (continuation). Sov. slav. no. 3:100-103 '66.

Slavic studies published in foreign periodicals. Sov. slav. no. 1:104-106 '66.

BIBLIOGRAPHY—SOCIAL SCIENCES

Moscow, Publichnaya biblioteka. [Union Index of Bibliographic lists and card catalogs compiled by libraries of the Soviet Union in 1964. The social sciences. Literature. Art.] Svoyniy ukazatel' bibliograficheskikh spisokov i kartotek, sostavlyennykh bibliotekami Sovetskogo Soyuza v 1964 godu. Obshchestvennyye nauki, Khudozhestvennaya literatura. Iskusstvo, Moskva, Kniga, 1965, 95 p.

BIBLIOGRAPHY—SOILS

Bibliography. Pochvovedeniye no. 4:105-117 Ap '66.

BIBLIOGRAPHY—SOVIET FAR EAST

Publications of the Far East Branch of the Siberian Division of the Academy of Sciences of the U.S.S.R. in 1960-1962. I. N. Samoilenko, A. V. Khlebnikov. DVFAN SSSR no. 23:145-147 '64.

BIBLIOGRAPHY—STEEL, HEAT RESISTANT

Survey of articles on metals and problems of their strength for 1963-1965. Teplofizika 13 no. 4:94-98 Ap '66.

BIBLIOGRAPHY—TADZHIEV, DADADZHIAN

TADZHIEVICH, 1915-
Dzhuraev, Rustam, and Abdullozhan Ulanov. [Dadadzhian Tadzhievich Tadzhiev, a brief sketch of his life and pedagogical activities with a supplementary bibliography] Dadadzhian Tadzhievich Tadzhiev; kratkiy ocherk zhizni i nauchno-pedagogicheskoy deyatelnosti s prilozheniem bibliografi. Dushanbe, Tadzhikskii gos. univ., 1965, 27 p.

BIBLIOGRAPHY—TECHNOLOGY

and fortune of technical books. S. Borodanov. V mire knig 6 no. 3:22-23 Mr '66.

[New foreign books. Series B: Technology] Nov. knigi za rub. Ser. B: Tekh. 10 no. 4 Ap '66.

BIBLIOGRAPHY—TELECOMMUNICATION

Literature on telecommunication in 1966. B. A. Voronov. Vent. svyazi 20 no. 1:31-32 Ja '66.

BIBLIOGRAPHY—TRANSCAUCASIA—ETHNOLOGY

Annotated bibliography of studies on the ethnography of Transcaucasia, published in 1961. T. A. Istomova. Sov. etn. no. 2:168-177 Mr-Apr '66.

BIBLIOGRAPHY—TURKESTAN—PERIODICALS

Experience in compiling the bibliography of the periodicals of Turkistan. N. M. Kul'basova. Sov. bibl. no. 1:31-41 '66

BIBLIOGRAPHY—TURKMEN PERIODICALS

Bibliography of the periodicals of Turkmenistan. I. G. Venelkova. Sov. bibl. no. 1:42-44 '66.

BIBLIOGRAPHY—UKRAINE

New books. Dop. AN URSS no. 2:270 '66.

Work of the Book Chamber of the Ukrainian S.S.R. in the field of retrospective bibliography. A. I. Kozlova. Ukr. bibl. no. 1:29-30 '66.

BIBLIOGRAPHY—UZBEKISTAN—INDUSTRIAL MANAGEMENT

Released by the "Uzbekistan" Publishing House. Uzbekist' zhizn' 8 no. 3:95 Mr '66.

BIBLIOGRAPHY—WEATHERING

Bibliography of weathering surface for 1961-1962. Kozra vyvetr. no. 7:180-229 '66.

- BIBLIOGRAPHY—ZHEBOKRYTS'KIY, VIKTOR ANDRIYOVICH, 1900-**
V. A. Zhebokryts'kiy, on his 60th birthday. IU, O. Boiev, A. F. Kizchenko, I. A. Petrus. Ukr. ist. zhur., 10 no. 4, 137-139 '61
- BIBLIOGRAPHY (THEORY, METHODS, ETC.)**
[Library science and bibliography, O-D '64] Bib-
liotekoved, 1 bibl. no. 1 Ja-Mr '65.
- Significance of accuracy in separate elements of bibliographical description.** D. V. Ionish, NTI no. 116-10 '66.
- BICILLIN**
Searching for rational doses and rates of using bicillin I for lambs. O. Sh. Baitunina. Trudy AZVI 13:122-123 '64.
- BICYCLOOCTANE**
Synthesis of homologs of cis-pentulane. N. A. Khafizova, E. S. Balenkova, S. I. Kluomov. Neftekhimiya no. 2:181-186 Mr-Apr '65.
Synthesis of hydrocarbons of the bicyclo[3,3,0]octane (pentulane) series. N. S. Voinova, L. Z. Ostrikhina, A. I. Petrov. Neftekhimiya no. 2:177-183 Mr-Apr '65
- BILAN, IURII IAKOVYCH, 1902-1963**
Iurii Iakovych Bilan; an obituary. Ukr. ist. zhur., 8 no. 1:160 '64.
- BILE DUCTS—DISEASES**
Obstruction of bile ducts caused by incrustation of a latent prosthesis. E. M. Botovyl. Sov. med., 29 no. 4:120-130 Ap '66.
- BILIARY TRACT—RADIOGRAPHY**
One-stage cholelithography. G. N. Traister. Voen.-med. zhur., no. 3:87-89 Mr '66.
- BILIRUBIN**
Effect of cycloserine D, streptomycin and florimycin on the bilirubin content in the serum of rabbits. O. M. Krasnaya. Antibiotiki 11 no. 2:139-141 F '66.
- DINARY SYSTEM (MATHEMATICS)**
Machine recognition of binary numbers. V. U. Trakhtman. Izv. AN SSSR, Tekh. kib., no. 3:90-96 My-Je '65
- BINDING MATERIALS**
Thermal transformations of aluminophosphate binders. I. L. Rasikov, L. N. Kuz'minskaya, V. A. Kopolkin. Izv. AN SSSR, Neorg. mat., 2 no. 3:541-549 Mr '66.
Thermoplastic binding materials on a base of sulfur composition. H. Slohodinnyk, E. Rubynovych. Bud. mat. konstr., 7 no. 4:35-37 Ji-Ag '65.
Val residues of synthetic fatty acids used for the preparation of the KO bonding agent for comaking. L. M. Baryshevskii and others. Masl.-zhir. prom., 32 no. 2:16-18 F '65.
- BIOCHEMICAL SOCIETIES** see subdivision under Ukraine
- BIOCHEMISTRY**
Biochemistry of plants and polyploidy. V. N. Abramian. Vest. sel'khoz. nauk 10 no. 3:130 Mr '65.
Correlation equations in biochemistry. IU, A. Zhdanov. Usp. sov. biol., 61 no. 2:187-197 Mr-Apr '66.
"New methods of biochemical photometry" by V. S. Asatryan, M. B. Kupetskaia. Zhur. anal. khim. 31 no. 3:386 '66.
- BIOCHEMISTRY—ABSTRACTS**
[Biochemistry] Ref. zhur.; Biol. khim., nos. 6-8 Mi-Apr '66.
- BIOCHEMISTRY—CONGRESSES**
Sixth International Biochemical Congress, T. N. Evreinova. Nauch. dokl. vya. shkoly, biol. nauk 10 no. 2:228-230 '65.
6th International Biochemical Congress, T. M. Evreinova. Vop. med. khim., 11 no. 3:105-109 My-Je '65.
- BIOFLAVONOIDS**
Use of vitamins P and C in preventing increased capillary fragility in children. A. G. Kucher. Vop. pit., 25 no. 2:39-42 Me-Apr '66.
- BIOFLAVONOIDS—PHYSIOLOGICAL EFFECT**
Effect of substances with vitamin-P activity on inflammation and acute edema of tissues. M. I. Ladinskaya, I. S. Rudakova, A. M. Chernukh. Pat. fiziol. i leksp. terap., 10 no. 1:35-38 Ja-F '66.
- BIOLOGICAL ASSAY**
Methods of testing biogenic stimulators for activity. S. B. Babirov. Trudy AZVI 13:143-148 '64.
- BIOLOGICAL CONTROL SYSTEMS**
Bioelectric control system of man's active movements. L. S. Alesh, S. G. Bunimovich, V. I. Zborovskii. Teor. i prak. fiz. kul't., 29 no. 4:23-26 Ap '66.
- BIOLOGICAL RESEARCH** see subdivision under Kazakhstan; Soviet Far East
- BIOLOGICAL WARFARE—SAFETY MEASURES**
Protection against biological weapons. A. Ivanov. Tekh. i voen. nauch. no. 12:87-89 D '65.
- BIOLOGY**
Pellenko, V. P. [Problem of entity in modern medicine. Problem of structural and functional relations in medicine] Problema tselostnosti v sovremennoi meditsine. Problema strukturno-funktsional'nykh otnoshenii v meditsine. Moskva, Znanie, 1965. 56 p. (Biblioteka "Filosofskie problemy meditsiny," no. 3)
- BIOLOGY—ABSTRACTS**
[Biology] Ref. zhur.; Biol. nos. 4-5 Ap '66.
- BIOLOGY—BIBLIOGRAPHY** see Bibliography—Biology
- BIOLOGY—METHODOLOGY**
New study on the methodological foundations of biological knowledge. E. F. Molevich. Nauch. dokl. vya. shkoly, filol. nauk 9 no. 2:118-120 '66.
- BIOLOGY—PHILOSOPHY**
Brief review of the literature on philosophical problems of modern biology and medicine during the period 1960-1965. V. P. Pellenko. Voen.-med. zhur., no. 3:93-96 Mi '66.
- BIOLUMINESCENCE**
Ultraviolet bioluminescence of cells in the ultraviolet region of spectrum and its biological role. S. V. Konev, T. I. Lyskova, G. D. Nisenbaum. Biofizika 11 no. 2:361-363 '65.
- BIOPHYSICS**
Something new in biophysics of ultrasonic waves. I. T. El'piner. Usp. sov. biol., 61 no. 2:212-219 Mi-Apr '66.
- BIOSYNTHESIS**
Biochemical aspects of protein synthesis. N. M. Sisakian, K. L. Gladilin. Usp. biol. khim. 7:3-66 '65.
Biosynthesis of fatty acids and some of their derivatives. E. V. Budnikskaya. Usp. biol. khim., 7:225-237 '65.
Some problems of the RNA biosynthesis in animal cells. K. G. Gazarian, N. G. Shuppo, B. D. Prokoshkin. Bio-khimiya 31 no. 1:108-116 Ja-F '66.
- BIOVETIN**
Biovetin as an effective therapeutic and prophylactic means in infectious atrophic rhinitis of swine. V. A. Feltengaymer, P. E. Butanov, N. A. Tiulinina. Uch. zap. KVI 90:213-219 '61.
- BIPHENYL**
Calculation by the method of M. O. (L. C. A. O) molecules containing two phenyl rings separated by a group of atoms. Report No. 2. L. I. Lagulskaya. Zhur. strukt. khim., 7 no. 1:88-92 Ja-F '66.
Polycondensation of biphenyl with dichloroethane in the presence of aluminum chloride, and the structure of products obtained. I. I. Mukel'son and others. Vyso-kom. soed., 8 no. 3:481-485 Mr '66.
- BIPHENYL—PHYSIOLOGICAL EFFECT**
Effect of dichlorodiphenyldichloroethane on transplantable tumors in animals. E. A. Minenkova, E. M. Vermal'. Vop. onk., 12 no. 4:50-55 '66.
- BIQUINOLINE**
Spectrophotometric determination of copper in gallium arsenide, metallic gallium, and arsenic using neocuproine. M. Krizhek, V. Pechenkova. Zhur. anal. khim., 21 no. 3:290-293 '66.
- BIRCH—FERTILIZERS AND MANURES** see subdivision under Khibiny Mountains
- BIRD POPULATIONS** see subdivision under Kopetdag
- BIRDS**
(see also subdivision under Selomdzha Valley)
Bemo, R. L., and A. A. Kuznetsov. [Forest and mountain birds of the U.S.S.R.; a field guide. A manual for teachers] Ptitsy lesov i gor. BSSR; poletov opredelitel'. Posobie dlia uchitel'. Moskva, Prosveshchenie, 1966. 271 p. illus.
- BIRDS—BEHAVIOR**
Bird fauna and cultured landscapes. N. A. Gladkov, A. K. Rustamov. Priroda 55 no. 4:54-65 '66.
- BIRDS—EMBRYOLOGY** see Embryology—Birds
- BIRDS—PARASITES** see Parasites—Birds
- BIRDS—PHYSIOLOGY**
Natural reversible hypothermia in birds. I. A. Shilov. Vest. Mosk. un. Ser. 8: Biol., pochv., 21 no. 1:22-31 Ja-F '66.
- BIRDS AS CARRIERS OF DISEASE**
Birds and the problem of natural foci of tick-borne encephalitis. E. I. Korenberg. Zool. zhur., 45 no. 2:245-260 '66.
- Pavlovskii, E. N., and K. N. Tokarevich.** [Birds and infectious pathology in man] Ptitsy i infektsionnaya patologiya cheloveka. Leningrad, Meditsina, 1966. 225 p. (DNLM)
- BIRTH INJURIES**
Fractures of the clavicle and the arm in newborn infants. V. N. Glukhova. Vop. travm. no. 2:202-206 '63
- BIRTHWORT** see subdivision under Tajikistan
- BISMUTH—ANALYSIS**
Extraction-photometric determination of microquantities of bismuth. IU, I. Usalenko, A. M. Arshkevich, A. G. Akhmetshin. Zav. lab. 31 no. 7:788-790 '65.
Reproducibility of bismuth determination on a film electrode by amalgam polarography with storage. A. I. Kamenev, E. N. Vinogradova. Zhur. anal. khim. 21 no. 3:320-322 '66.
- BISMUTH—GALVANOMAGNETIC PROPERTIES**
Certain characteristics of the galvanomagnetic properties of bismuth. IU, A. Bogod, V. V. Eremenko. Fiz. met. i metalloved. 21 no. 3:362-366 Mi '66.
- BISMUTH ALLOYS—ELECTRIC PROPERTIES**
Conductance and viscosity of melts in the systems Bi-Se, Bi-Te, Sb-Te. V. M. Glazov, A. N. Krasovnikov, N. N. Glagoleva. Izv. AN SSSR, Neorg. mat., 2 no. 3:153-160 Mr '66.
- BISMUTH BROMIDES**
Solubility in the system KBr - BiBr₃ - HBr - H₂O at 25° C. S. B. Stepan and others. Zhur. neorg. khim., 11 no. 2:420-426 F '66.
- BISMUTH OXIDES**
Rapid gravimetric method for the determination of bismuth oxide in desmotol. M. I. Taisenko, N. G. Timofeeva. Trudy I-ga MME 17:220-221 '62.
- BISMUTH TELLURITES**
Heats of formation of bismuth selenite and tellurite. L. L. Andreeva, M. Kh. Karapet'yants. Zhur. fiz. khim., 40 no. 2:470-473 F '66.
- BISON, EUROPEAN—FOOD** see subdivision under Belovezhskaya Pushcha
- BITS (DRILLING AND BORING)**
(see also subdivision under Crimea; Tyumen' Province)
Analyzing the wear of bits used in combination drilling. V. I. Nazarov. Burenie no. 4:3-6 '66.
Calculating the most efficient conditions for the boring of deep holes. R. M. Elgeles, R. V. Sitakalova. Fiz.-tekhn. probl. razrab. pol. tekhn., no. 1:36-42 '66.
Cone and diamond bits at great depths. G. Detin. Neftianik 10 no. 11:25-26 N '65.
Investigating the performance of single-roller bits. V. V. Butalov, L. A. Karnauchov. Neft. khoz. 43 no. 7:12-14 Ji '65.
New developments in oil well drilling. IU, A. Nikolov, Bezop. truda v prom., 7 no. 11:14 N '63.
Relationship between the indices of bit performance and the types of flushing ducts. A. I. Pad'ko and others. Izv. vya. ucheb. zav.; neft' i gaz. 8 no. 3:101-104 '65.
Six-point boring rig for long-stroke drilling of boreholes in rocks. A. G. Saginov and others. Izv. vya. ucheb. zav.; gor. zhur., 9 no. 2:57-58 '66.
Spur-point drills with detachable tips. I. N. Karpovskii. Razved. i okh. nefr. 31 no. 3:33-38 Mr '66.
Thermomechanical treatment of boring tools. I. P. Karpov. Metalloved. i term. obr. met. no. 4:68-70 Ap '66.
- BITS (DRILLING AND BORING)—TESTING**
Comparative testing of bits during electric rotary boring of boreholes in hard sandstones in the coal mines of the Rostovogol' Combine. I. D. Chumakov and others. Ugol' 41 no. 4:33-35 Ap '66.
- BITUMEN**
Bitumization of concentrated oil shale of the Gdov deposits. A. I. Shul'man, V. A. Proskuriakov, V. I. Iakovlev. Zhur. prikl. khim., 39 no. 1:151-156 Ja '66.
- BITUMEN—GEOLOGY**
(see also subdivision under Carpathian Mountain region; Caucasus, Northern; Donets Basin)
Find of solid bitumens in pebbles from Ordovician conglomerates. S. I. Dobrynskiy. Dop. AN URSR no. 3:388-402 '66.
- BITUMINOUS MATERIALS**
Comparative evaluation of the protective properties of bituminous and bitumen-epoxy coatings. V. E. Pogutail, IU, N. Mikhailovskii. Lakokras. mat. i tekhn., no. 2:34-37 '66.
- BIURET**
Light absorption in the visible and ultraviolet regions of spectrum by copper biuret complexes of the inactive forms of insulin. M. I. Plekhan, P. A. Babich. Biofizika 11 no. 2:365-367 '66.

BLOOD—CIRCULATION, ARTIFICIAL (Continued)

- Lactic and pyruvic acid consumption by the myocardium under artificial blood supply. P. P. Stepanov, F. I. Geselevich, D. D. Birshtadent. Dokl. AN SSSR 167 no. 5, 1265-1267 Ap '66.
- Lifespan of Cr-51 labeled erythrocytes of donor's blood of patients following surgery under artificial circulation. E. N. Rumina and others. Probl. gemat. i perel. krovi no. 7 39-42 '65.
- Use of plasma substitute fluids to decrease mechanical hemolysis in artificial circulation. M. F. Zhar'kovskii. Probl. gemat. i perel. krovi no. 7 17-16 '65.
- Use of the method of artificial blood circulation in the resuscitation of dogs drowned in salt water. I. U. P. Hevia. Fiziol. zhur. [Ukr.] 12 no. 2 225-231 '66.

BLOOD—CIRCULATION, DISORDERS OF

- Disogenic ischemic results of the terminal section of the spinal cord. M. K. Brotnin. Vop. med. khim. no. 3, 11-17 '65.
- Effect of the disturbance of peripheral blood circulation on the content of ammonia, some amino acids and amide nitrogen of proteins in the rat liver. N. S. Kononova, V. M. Okuniev. Upr. biokhim. zhur. 38 no. 2 194-197 '66.
- Pantothenic acid metabolism in patients with cardiovascular diseases and blood circulation disorders. R. S. Dedinaia. Vop. pit. 25 no. 1 66-71 Ju-F '66.
- Significance of the disturbance of regional blood circulation in different parts of the body for the reversibility of an acute hemorrhagic shock in blood loss. G. S. Biktadze. Soob. AN Gru. SSR 11 no. 3 727-732 Mr '66.

BLOOD—COAGULATION

- Changes in blood coagulability in elderly and senile persons. V. V. Munonov, I. A. Plimova. Soob. stud. nauch. rab. Arkh. gos. med. inst. no. 2 32-33 '61.
- Characteristics of thromboplastin in practically healthy elderly and senile persons. N. K. Zor'kina. Sov. med. 29 no. 3, 23-24 Mr '66.
- Disturbance of adaptation possibilities of the blood coagulation system in radiation sicknesses. I. A. Anisimov, D. M. Zubakov. Radiobiologiya 6 no. 2 221-227 '66.
- Effect of immune sera on blood coagulation and fibrinolysis. G. V. Andeenko, I. U. G. Tiniakov. Arkh. pat. 28 no. 2 33-38 '66.
- Effect of intravenous injection of ichthyol on the blood coagulation factors in animals. A. S. Kashin. Uch. zap. KVI 92:190-204 '64.
- Effect of sodium bromide on the blood coagulation system. V. N. Misnov, V. M. Iaridova. Farm. i toks. 28 no. 2: 200-203 Mr-Apr '65.
- Effect of the ligation and section of veins on blood coagulation. E. A. Alpatov. Khirurgia 42 no. 1 70-79 Ap '66.
- State of blood coagulation system in heterotransfusion shock in dogs. B. I. Kuznik, V. P. Mshchenko. Pat. fiziol. i eksp. terap. 10 no. 1 62-65 Ju-F '66.

BLOOD—COLLECTION AND PRESERVATION

- Experience in the organization of a nonstaff station for the procurement and preservation of blood aboard a ship. V. A. Kolesnikov. Voen.-med. zhur. no. 1 67-69 Ap '66.
- Method of taking blood from the jugular vein of ducks. S. G. Pokrovskii, P. E. Bulanov. Uch. zap. KVI 92:247-249 '64.
- Procurement of blood under field conditions. A. V. Stogov. Voen.-med. zhur. no. 4 73-76 Ap '66.
- Result of activities of a mobile unit for collecting free donor blood. A. K. Uldashev. Probl. gemat. i perel. krovi no. 7 51-55 '65.

BLOOD—DISEASES

- Changes in the morphological composition of blood and bone marrow in prolonged compression of soft tissues. M. I. Ushakov. Pat. fiziol. i eksp. terap. 10 no. 1 15-18 Ju-F '66.
- Changes in the peripheral blood and bone marrow in the compression phase of the syndrome of prolonged crushing of soft tissues. Z. G. Povekina. Pat. fiziol. i eksp. terap. 10 no. 1 10-22 Ju-F '66.
- Diagnosis of gastric changes in some systemic blood diseases. M. A. Gurevich, S. I. Kruk. Vop. onk. 19 no. 4 40-45 '66.
- Syndrome of extramedullary spinal tumor in the clinical aspects of some diseases of the blood system. G. R. Khersonskii. Sov. med. 29 no. 1 39-43 Ap '66.

BLOOD—OXYGEN CONTENT

- Use of the polarographic coulometry method for the study of oxygen release by the blood. I. M. Epstein. Biol. i med. 61 no. 2 116-119 F '66.

BLOOD—TRANSFUSION

- Current problems of blood transfusion in clinical surgery. B. V. Petrovskii and others. Probl. gemat. i perel. krovi no. 7 3-9 '65.
- Lifespan of Cr-51 labeled erythrocytes of donor's blood in the body of patients following surgery under artificial circulation. E. N. Rumina and others. Probl. gemat. i perel. krovi no. 7 38-42 '65.

- Pathogenesis of hemotransfusion shock. A. I. Iltis, S. B. Fabrikant, V. V. Dardidova. Pat. fiziol. i eksp. terap. 10 no. 1 10-13 Ju-F '66.
- Possibility of the genetic transformation in chicks by heterologous blood transfusion. A. E. Oplivskii, V. I. Zolotarevskii, I. A. Smirnova. Genetika no. 3 78-82 '66.
- State of blood coagulation system in heterotransfusion shock in dogs. B. I. Kuznik, V. P. Mshchenko. Pat. fiziol. i eksp. terap. 10 no. 1 62-65 Ju-F '66.

- Transplantation of homologous bone marrow and intravenous introduction of whole blood in dogs irradiated with superficial doses. A. S. Maksimov, Probl. gemat. i perel. krovi 11 no. 2 26-31 F '66.

- Use of blood and blood substitutes in the treatment of gastitis and peptic ulcer. A. A. Iltis, V. G. Zagashvili. Voen.-med. zhur. no. 3 39-41 Mr '66.

BLOOD, GASES IN

- Changes in the erythrocyte composition and gases of the blood in old rabbits. V. A. Losce, I. P. Shinkai. Pat. fiziol. zhur. [Ukr.] 10 no. 6 771-778 N-D '61.
- Method for determining carbon dioxide in the alveolar air based on pCO₂ in mixed venous blood. N. K. Kuvayev. Fiziol. zhur. 52 no. 4 431-433 Ap '66.
- New micromethod for determining blood gases. K. V. Ostashev, L. P. Chepkin. Fiziol. zhur. 52 no. 4 433-436 Ap '66.

BLOOD AS FOOD OR MEDICINE

- Stabilization and separation of animal blood for edible purposes. E. Goldfman, I. Kuzenko. Miro. med. i SR 37 no. 2 19-12 '66.

BLOOD-BRAIN BARRIER see Hematoencephalic barrier

BLOOD GROUPS

- Enzymespecific globulins in determining the group of the serum of a human fetus. I. U. S. Tatarinov. Vop. med. khim. 11 no. 3 98-99 My-Ju '65.

BLOOD PLASMA

- Comparative study of the vitamin C content in human blood plasma and leukocytes. S. G. Gribchenkov. Vop. pit. 24 no. 3 10-13 My-Ju '61.

BLOOD PLASMA SUBSTITUTES

- Amino acid composition and biological efficiency of certain Soviet preparations for parenteral nitrogen supply. B. F. Dambing and others. Vop. pit. 24 no. 3 10-13 My-Ju '61.
- Transfusion of L-3 hydrolysis in children with pyroinflammatory diseases and lesion of the gastrointestinal tract. L. G. Smolnik, N. S. Anishin. Sov. med. 29 no. 3 45-49 Mr '66.
- Use of blood and blood substitutes in the treatment of gastitis and peptic ulcer. A. A. Iltis, V. G. Zagashvili. Voen.-med. zhur. no. 3 39-41 Mr '66.
- Use of plasma substitute fluids to decrease mechanical hemolysis in artificial circulation. M. F. Zhar'kovskii. Probl. gemat. i perel. krovi no. 7 12-16 '65.
- Use of specially prepared gelatin for producing blood substitute. F. D. Pristavi, T. V. Treshchinskii, A. I. Abesadze. Soob. AN Gru. SSR 41 no. 2 151-156 F '66.

BLOOD PLATELETS

- Changes in the antipain activity of blood platelets following splenectomy. B. A. Kuchinskii, V. I. Pastukova. Probl. gemat. i perel. krovi no. 7 18-21 '65.
- Thrombocyte count in some disorders of vascular permeability in man. B. O. Hertzovskii and others. Probl. gemat. i perel. krovi no. 7 21-23 '65.
- Thrombocytoagglutinating properties of tissues. V. P. Skripetov. Probl. gemat. i perel. krovi no. 7 21-21 '65.

BLOOD PRESSURE

(see also subdivision under Transplantation)

- Clinical significance of asymmetry of the arterial pressure in cardiovascular diseases. A. B. Sviridukova. Sov. med. 29 no. 4 12-16 Ap '66.
- State of venous pressure as index of the function of the valvular apparatus of deep veins of the extremities. G. G. Karayanova, O. F. Caravets. Khirurgia 42 no. 4 63-71 Fp '66.

- Venous pressure in patients with tumors during anesthesia with artificial pulmonary ventilation. A. I. Frid, A. N. Galushkin. Vop. onk. 12 no. 4 33-40 '66.

BLOOD PROTEINS

- Amino acid composition of the α_2 -protein of the serum in nonirradiated and irradiated dogs. A. V. Chudnovskikh. Vop. med. khim. 11 no. 3 53-57 My-Ju '65.
- Appearance of a new serum protein fraction during treatment of experimental atherosclerosis with gonadins. L. S. Tarasova, G. V. Troitskii. Vop. med. khim. 11 no. 3 10-12 My-Ju '65.
- Blood proteins and protein fractions in newborn calves with dyspepsia. G. G. Nuriev. Uch. zap. KVI 93:115-121 '61.
- Change in the blood proteins of swine with foot-and-mouth disease in the dynamics of the infection process. G. G. Nuriev. Uch. zap. KVI 90:111-111 '61.
- Changes in the blood serum protein fractions in burn disease caused by a chemical trauma of the esophagus. M. S. Mikhailovskii. Vop. travm. no. 2 178-183 '63.

- Changes in the protein fractions of the blood serum in renal patients under the effect of sanatorium treatment at Tushnets. M. V. Dushenko, Vop. med. i fizioter. i tech. fiziol. 31 no. 1 15-40 '66.

- Content of plasma albumin and α_2 -globulin of the blood serum in patients with acute and chronic nephritis. I. F. Radman. Sov. med. 29 no. 4 120-122 Ap '66.

- Effect of insulin on the penetration of serum proteins through the tissue barrier affected by inflammation in patients with tuberculosis. M. A. Khar'kovskii. Probl. endok. i gorm. 12 no. 2 17-23 Mr-Apr '66.

- Effect of prednisolone on the protein composition of the blood serum in antibacterial vaccination and experimental bacterial sepsis. V. A. Lisoben. Vop. med. khim. 12 no. 2 158-163 Mr-Apr '66.

- Electrophoretic division of blood serum proteins in patients with tumors. I. V. Gornushina, I. V. Cherkashina, S. I. Smirnova. Vop. onk. 12 no. 1 16-30 '66.

- Immunological properties of protein fractions of the blood serum in diseases of the kidneys. L. I. Staroselskaya. Vop. med. khim. 12 no. 2 113-116 Mr-Apr '66.

- Indices of the level of total protein and its fractions in the serum and plasma of farm animals in relation to the specific characteristics of wound exudates. G. N. Vasin. Uch. zap. KVI 92:174-180 '61.

- Problems and methods in studying the binding of antibodies by serum proteins. G. A. Kivman, E. A. Rudzik. Antibiot. 10 no. 4 369-381 Ap '65.

- Production of antibodies and the ratio of serum protein fractions in rabbits during the administration of dipn. I. E. Loslev. Farm. i toks. 28 no. 1 166-171 Ju-Ag '65.

- Relation between X-ray contrast media and plasma protein fractions in albino rats. I. V. Seleznev, V. A. Chistakov. Farm. i toks. 28 no. 1 166-167 Ju-Ag '65.

- Studying the immunobiochemical changes in blood protein fractions in guinea pigs infected with the culture of Brucella abortus. G. A. Ignatyeva, G. G. Nuriev. Uch. zap. KVI 90:107-110 '61.

BLOOD SUGAR

- Glycemic curves and vitamin C content in the blood of patients following partial gastrectomy. I. N. Vasin. Vop. pit. 25 no. 2 81-82 Mr-Apr '66.
- Raising resistance to radiation in animals through increasing the sugar content in blood. V. V. Tsvetkovskaya. Fiziol. zhur. [Ukr.] 10 no. 6 818-820 N-D '61.
- Role of receptors of the oral cavity on the reflex regulation of the blood sugar level. L. I. Mal'tseva, E. A. Lebedinskaya, S. I. Kiselev. Soob. stud. nauch. rab. Arkh. gos. med. inst. no. 2 13-11 '63.
- Significance of vegetative innervation for the quality of glycemia regulation from the viewpoint of the theory of automatic regulation. L. A. Drezhelskaya. Fiziol. zhur. 52 no. 4 387-392 Ap '66.
- Sugar content of the blood and the state of the bioelectric activity of the brain in children with diabetes. R. V. Shechebina. Probl. endok. i gorm. 12 no. 2 11-17 Mr-Apr '66.

BLOOD VESSELS

- Structural adaptation of the vascular wall to increased blood pressure and accelerated blood flow. I. I. Antypuk. Dokl. AN URSSR no. 2 260-263 '66.

BLOOD VESSELS—AGING

- Age-related vascular changes and their role in the nutrition of bone tissue. A. I. Evdokimov. Biol. i med. 61 no. 2 32-34 F '66.

BLOOD VESSELS—DISEASES

- Use of prednisolone in treating hemorrhagic vasculitis in a patient with diabetes mellitus. A. N. Iablochikov. Probl. endok. i gorm. 12 no. 2 61-62 Mr-Apr '66.

BLOOD VESSELS—LIGATURE

- Effect of preliminary epileptical novocaine block on the development of collateral arteries in the section of the intestines with circulation disorders. Report No. 1. A. A. Slesarev. Uch. zap. KVI 92:80-91 '64.
- Effect of subsequent epileptical novocaine block on the development of collateral arteries in the section of the intestines with circulation disorders. Report No. 2. A. A. Slesarev. Uch. zap. KVI 92:92-93 '64.
- Surgical treatment of the disease of the ligated vessel. G. D. Ioseliani. Khirurgia 42 no. 4 120-127 Ap '66.

BLOOD VESSELS—SURGERY

- Surgical treatment of the disease of the ligated vessel. G. D. Ioseliani. Khirurgia 42 no. 4 120-127 Ap '66.

BLOWERS

- Study of the operation of pumps and air blowers in low supply conditions. V. I. Polikovskii, A. A. Levin. Toplomergetika 13 no. 3 49-53 Mr '66.

BOARS—DISEASES AND PESTS

- Surgical treatment of intravaginal hernias in boars. A. V. Dubrovskii. Veterinaria 42 no. 3 78-80 Mr '66.

BOOTS AND SHOES, RUBBER—TESTING

Beach test of footwear quality by the time of crack formation and expansion. L. D. Fedurkin, L. S. Gulanova. *Kauch. i rez.* 25 no. 4: 50-51 '66.

BORATES—THERMAL PROPERTIES

Properties of the high-temperature part of the $MgO-B_2O_3-H_2O$ system. A. P. Gligor'ev, I. A. Nishchenov. *Geol. iud. mestezish.* 8 no. 2: 21-32. M.: M.: '66.

BORAX

Mechanism of dissolution of borax and sodium pentaborate. A. S. Ravdel', I. U. V. Sharikov. *Zhur. prikl. khim.* 39 no. 1: 70-75 Ja '66.

BORDER PATROLS see subdivision under Soviet Far East

BORING

(see also subdivision under Caspian Lowland, Kazakhstan; Perm Province)

Determining efficient conditions of roller boring in the "Goroblagodalekt" mine. V. D. Legeza, I. F. Efremov. *Izv. vye. ucheb. zav. igor. zhur.* 9 no. 2: 79-82 '66.

The earth will reveal its secrets. A. Smirnov, Nar. khoz. Kazakh. 24 no. 1: 93-94 Ja '66.

How to plan scientific work organization in drilling. A. Smirnov. *Neftianik* 10 no. 11: 18-19 N '65.

New prospective means for drilling oil and gas wells. I. Mel'nikhuk. *Neftianik* 10 no. 11: 22-23 N '65.

Theory of the effect of borehole charges with air spaces. M. S. Akayev. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 6: 61-70 '65.

BORING—LABOR PRODUCTIVITY

Labor productivity in the underground boring of deep blastholes. A. M. Il'yaykin, N. A. Chentsov, I. K. Kartsev. *Gor. zhur.* no. 4: 37-39 Ap '66.

BORING MACHINERY

The BSSH-2m drill will perform more reliably. I. U. V. Polingoshko. *Gor. zhur.* no. 4: 76-77 Ap '66.

The BSV-3 drills at the quarries of the "Komsomol'skoe" Mining Administration. A. I. Ushakov, N. A. Vasil'kovskii. *Gor. zhur.* no. 1: 76 Ap '66.

Double core barrel drills for air drilling. B. V. Zakhar'ev. *Razved. i okh. nedr.* 31 no. 3: 54-55 Mr '65.

Effect of local outside grooves on the weakening of casing pipes under the effect of outside overpressure. V. I. Gligor'ev and others. *Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i inzh.* no. 5: 69-75 '63.

The AIRSA boring mill. A. D. D'yakov, I. M. Polinkov, Bial. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no. 3: 15-18 Mr '66.

BORING MACHINERY—DESIGN AND CONSTRUCTION

Increasing the durability of drilling rods. I. B. Preshman. *Ugol' Ukr.* 10 no. 4: 53 Ap '66.

Influence of the number of rotations and the feed force of the bits on the speed of hole boring with pneumatic sinker hammers. I. M. Kuznetsov and others. *Izv. vye. ucheb. zav. igor. zhur.* 9 no. 2: 50-63 '66.

BORING MACHINERY—ELECTRIC DRIVING

Automatic control system of loads on electric boring rig motors during mine shaft drilling. I. A. Malitskii. *Izv. vye. ucheb. zav. igor. zhur.* 9 no. 2: 133-140 '66.

BORING MACHINERY—WELDING

Friction welding of bore rods. N. N. Dedov and others. *Svar. i metalurg.* no. 5: 30-31 My '66.

BORISLAV REGION (UKRAINE)—PETROLEUM PRODUCTION—COSTS

Means for reducing the cost of petroleum and casing head production in fields of the Petroleum Production Administration of the Association of the Borislav-Petrozavodsk Industry. L. V. Pomozhak. *Neft. i gaz. prom.* no. 1: 33-37 Ja-F '66.

BORISGLEBSK—COMMERCE

Do the party organizations of commercial enterprises have the right to control? A. El'takin. *Part. zhizn'* no. 10: 43 My '66.

BORON—EFFECT ON PLANTS see Plants, Effect of boron on

BORON CARBIDES

Boron carbides of lanthanum. L. A. Markovskii, N. V. Vekshina, G. F. Pron'. *Zhur. prikl. khim.* 38 no. 2: 245-251 F '66.

BORON COMPOUNDS

Complex of trifluoroboron with phenetole. S. G. Katal'nikov, R. M. Paramonov. *Zhur. fiz. khim.* 40 no. 2: 401-405 F '66.

BORON FLUORIDE—SPECTRA

Spectroscopic determination of the isotopic composition of boron trifluoride. N. A. Zakorina, G. S. Lazeeva, A. A. Petrov. *Atom. energ.* 20 no. 4: 348-351 Ap '66.

BORON HYDRIDES—SPECTRA

Calculation and interpretation of the vibrational spectra of diborane compounds. Part 3. V. N. Kapshtal'. *Zhur. fiz. khim.* 40 no. 1: 915-949 1p '66.

BORON-IRON ALLOYS see Iron-boron alloys

BORON ISOTOPES

Fission of boron isotopes using the system $C_2H_5OC_2H_5-BF_3-BF_3$. S. G. Katal'nikov, R. M. Paramonov, I. A. Kapustin. *Atom. energ.* 20 no. 1: 345-346 Ap '66.

BORON NITRIDES

Absorption of argon, nitrogen, n-hexane, and benzene on boron nitride and molybdenum sulfide. L. D. Belinskaya, A. V. Kisilev. *Izv. AN SSSR. Ser. khim.* no. 4: 68-69 '66.

BORON ORGANIC COMPOUNDS see Organoboron compounds

BORON SULFIDE—SPECTRA

Electronic absorption spectrum of BS_2 . V. A. Korizhkin, A. A. Mal'tsev. *Vest. Mosk. un. Ser. 2: khim.* 21 no. 1: 6-8 Ja-F '65.

BOTANICAL GARDENS see subdivision under Kataganda, Leningrad

BOTANICAL MUSEUMS

Akademika nauk SSSR. Botanicheskiy Institut. [Vegetation of the world, a guidebook to the exhibitions of the Museum of the Komarov Botanical Institute of the Academy of Sciences of the U.S.S.R.] *Rastitel'nost' mira; putevoditel' po ekspozitsionnoy muzeyu Botanicheskogo Instituta im. V. L. Komarova Akademii nauk SSSR.* Moskva, Nauka, 1965. 163 p.

BOTANICAL RESEARCH see subdivision under Turkmenistan, Ukraine

BOTANICAL SOCIETIES

Brief news of the All-Union Botanical Society. A. A. Ivanov and others. *Bot. zhur.* 51 no. 3: 469-471 Mr '66.

BOTANY see subdivision under Carpathian Mountains, Balkhan Range; Georgia; Kazakhstan; Khasan District; Kurile Islands, Murmansk Province; Sakhalin; Soviet Far East, Vrangeli Island

BOTANY—ANATOMY

Changes in the anatomical structures of papaw in ontogeny. G. G. Firsi. *Bull. Glav. bot. sada.* no. 69: 67-77 '65.

Characteristics of the anatomic structure of reed (*Phragmites communis* Trin.). V. G. Nikolayevskii. *Nauch. dokl. vys. shkoly, biol. nauki.* no. 2: 122-126 '66.

Shkryl', A. K. [Epidermis of the Lauraceae used in diagnosing some contemporary and fossil species] *Epidermis i tvorivshiy dlya diagnostiki nekotorykh sovremennykh i iskopayemykh vidov. Tbilisi, Metsienereba, 1965. 78 p., illus.*

BOTANY—CHARTS, DIAGRAMS, ETC

Use of quantitative evaluation of resemblance in taxonomy. I. U. L. Menitskii. *Bot. zhur.* 51 no. 3: 354-371 Mr '66.

BOTANY—CLASSIFICATION

Use of quantitative evaluation of resemblance in taxonomy. I. U. L. Menitskii. *Bot. zhur.* 51 no. 3: 354-371 Mr '66.

BOTANY—ECOLOGY

(see also subdivision under Carpathian Mountains; Ural Mountains)

Akademika nauk Gruzinskoi SSR, Tiflis. Institut botaniki. [Botanology and phytocenology] *Botanologiya i fitotsenologiya. Tbilisi, Metsienereba, 1965. 121 p.* [In Georgian and Russian]

BOTANY—EMBRYOLOGY

Development of caryopsis in rice (*Oryza sativa* L.). N. V. Bel'tser. *Ukr. bot. zhur.* 23 no. 2: 38-44 '66.

Embryological study of Central Asian junipers (*Juniperus spp.*) E. S. Aleksandrovskii. *Bot. zhur.* 51 no. 3: 436-446 Mr '66.

Embryological study of *Eruca sativa* Lam. G. B. Rodionova. *Vest. Mosk. un. Ser. 6: Biol., pozhv.* 21 no. 1: 61-68 Ja-F '66.

Heterogeneity of histones of deoxyribonucleoprotein of wheat embryos. L. V. Gofstein, V. I. Safonov, N. M. Shaakian. *Dokl. AN SSSR* 167 no. 5: 1168-1170 Ap '66.

Some characteristics of the development of the embryos and sprouts of gooseberries. A. M. Tonkonozhenko. *Ukr. bot. zhur.* 23 no. 2: 31-37 '66.

BOTANY—TERMINOLOGY

Some problems concerning the origin and orthography of Russian botanical terms. N. N. Zabinkova. *Bot. zhur.* 51 no. 3: 369-385 Mr '66.

BOTANY—VARIATION

Intravarietal variability of soft wheat according to the content and quality of gluten. O. I. Maistrenko and others. *Vest. sel'khoz. nauki.* 10 no. 3: 118-123 Mr '65.

Polymorphism in *Ankistrodesmus braunii* Brumth. Report No. 2. Cultivation of *A. braunii* in solutions with a high content of salts. H. M. Palamar-Moldynova, K. P. Potenko. *Ukr. bot. zhur.* 23 no. 2: 60-65 '66.

BOTANY, MEDICAL

(see also subdivision under Kazakhstan; Kirghizistan, Moldavia, Ukraine)

Comparative microscopic analysis of the stalks of some medicinal plants of the Solanum family. O. T. Dachyshyn. *Farmats. zhur.* 18 no. 3: 26-31 '64.

Comparative study of methods for the preparation of aqueous extracts from medicinal plants. I. A. Gurevich, D. V. Mashinskii. *Apt. delo* 13 no. 6: 18-23 N-D '64.

Phytochemical study of *Xanthium strumarium* L. Report No. 1. M. M. Pashchenko, G. P. Plynenko. *Farmats. zhur.* 18 no. 3: 16-19 '64.

Preliminary results of the search for saponin-containing plants in the flora of the U.S.S.R. A. I. Shroter and others. *Rast. res.* 2 no. 1: 3-13 '66.

Prospects for cultivating the periwinkle *Viola rosea* L., a valuable tropical medicinal plant, in the U.S.S.R. I. M. Rabinovich. *Rast. res.* 2 no. 1: 83-87 '66.

BOTANY, MEDICAL—RESEARCH

All-Union Scientific Institute for Medicinal and Aromatic Plants. I. A. Gubanov, P. T. Kondratenko. *Rast. res.* 2 no. 1: 131-140 '66.

Computation of some distributional characteristics of sparsely and unevenly growing plants. P. Z. Livshits, N. A. Borisova. *Rast. res.* 2 no. 1: 122-130 '66.

BOTTLE WASHING—MECHANIZATION

Mechanization of bottle washing. A. M. Abov, L. R. Lipkind, E. V. Netuzhlov. *Mekh. i avtom. protzv.* 20 no. 1: 15 Ap '66.

BOUNDARY LAYER

Approximate solution to the internal problem in the theory of the laminar boundary layer. A. Sh. Dorfman. *Inzh. - fiz. zhur.* 10 no. 3: 298-305 Mr '66.

Automatic measurement of temperature fields and humidity in the boundary layer. G. V. Shantyr'. *Inzh. - fiz. zhur.* 10 no. 3: 321-325 Mr '66.

Burning of graphite in a chemically balanced boundary layer. F. S. Zavelovich. *Izv. AN SSSR. Mekh. i gaz. no. 1: 162-167 Ja-F '66.*

Effect of the rate of transverse flow in an incompressible boundary layer on the stability of laminar flow. I. U. N. Alekseev, A. I. Korotkin. *Izv. AN SSSR. Mekh. i gaz. no. 1: 32-36 Ja-F '66.*

Studying the kinetics of boundary layers of liquid in clayey soils by the electro-osmotic method. N. F. Bondarenko, S. V. Neprin. *Sbor. trud. po agn. fiz.* no. 11: 33-37 '65.

Transport processes occurring when the fuel-oxidizer mixture is injected into the reacting boundary layer. A. L. Mossa, G. T. Sergeev. *Inzh. - fiz. zhur.* 10 no. 3: 311-317 Mr '66.

BOUNDARY VALUE PROBLEMS

General method for studying boundary value problems. A. I. Perov, A. V. Kibenko. *Izv. AN SSSR. Ser. mat.* 30 no. 2: 249-264 '66.

Neumann's Δ -problem. I. V. Skrypnik. *Dop. AN URSSR* 3: 295-299 '66.

Remann's homogeneous boundary value problem with an infinite index of the logarithmic type. P. G. Usov. *Izv. vye. ucheb. zav. imat.* no. 2: 158-163 '66.

Selection of coordinate functions in direct methods for finding eigenvalues and eigenfunctions. D. B. Topolnansky. *Dop. AN URSSR* no. 2: 135-139 '66.

BOYSHEVO (UKRAINE)—SUGAR INDUSTRY

A glass of tea. S. Naumov. *Sov. profsotuz.* 22 no. 8: 46-47 Ap '66.

BOW AND ARROW

Medvedev, A. F. [Hand-operated missile weapons (bows and arrows, crossbows) of the 8th-14th century] *Ruchno metal'noe oruzhie (luk i strely, samostrel) VIII-XIV vv.* Moskva, Nauka, 1966. 179 p., plates. (Arkhologiya SSSR: svod arkhologicheskikh istochnikov, no. 4: 36)

BOWIEA

Buffaloides derived from *Bowiea volubilis*. A. A. Roznichenko, M. I. A. Tropp, D. H. Kolosnykov. *Farmats. zhur.* 20 no. 2: 75-79 '65.

BOXING

Jays and cares of the "golden gloves." O. V. Vikhrev. *Sov. voln* 47 no. 17: 30-31 S '65.

BRAIN

Changes in brain oxygenation in the acute stage of burn disease. E. A. Kovalenko, V. B. Troitskii, P. I. Zil'ber, I. eksp. terap. 10 no. 1: 28-32 Ja-F '66.

Development of the synaptic formations in the brain of dogs during the postembryonic period. A. Murzamidov. *Trudy AZVI* 13: 271-278 '64.

1548

BROMINATION

Chemical structure of the antibiotic albomycin.
Part II: Bromination of albomycin fractions. G.I. Lavrenova, N. F. Logzina, N.A. Poddubnaya, Zhur, khim., 38 Ap '66.

Influence of the mutual influence of atoms and groups in the products of bromination of a series of unsaturated nitro compounds. I.A.S. Bolovik, V. V. Perekalin, A.S. Seleznev, Zhur. strukt.khim. 7 no.1 18-53 Ja-1 '66.

ROMINE ISOTOPES—SPECTRA

Gamma spectrum of the Bi²¹³ isotope. B.N. Pchikov, Izv. fiz. 3 no.4 609-613 Ap '66.

RONCHI

Significance of the state of the bronchi in the course of the postoperative period in pulmonary tuberculosis. V.D. Iampol'skaya, R.I. Alekseiukh, Grud.khir. 8 no.1:72-78 Ja-F '66.

RONCHI—ABNORMALITIES AND DEFORMITIES

Diagnosis of anomaly in the development of the bronchial tree. A.I. Kurbatov, Grud.khir. 8 no.1:99-101 Ja-F '66.

RONCHI—BLOOD SUPPLY

Effect of fibrinolysin on the tonus of pulmonary and bronchial vessels. R.M. Zaslavskaya, Farm. toks. 28 no.2:194-195 Mr-Apr '65.

RONCHI—EXPLORATION

Ethnology of bronchoscopy and bronchographic examination under anesthesia with controlled respiration in children with pulmonary tuberculosis and pneumosclerosis. M.V. Shesterina and others, Sov.med. 28 no.3:42-45 Mr '66.

RONCHI—SURGERY

Intraoperative evaluation of suturing the bronchial stump using the Sult method and the UKI-60 apparatus in pulmonary resection for tuberculosis. N.S. Pilchuk, Grud.khir. 8 no.1:106-107 Ja-F '66.

RONCHITIS

Treatment of chronic bronchitis caused by dust in the 53 Yagorisk Antituberculosis Sanatorium. V. V. Lebedev and others, Vop.kur., fizioter. i lech. fiz.kul't. 30 no.2 171-172 Mr-Apr '65.

RONCHOSCOPY

Bronchoscopic and surgical parallels in the determination of the operability of central cancer of the lung. A.S. Iamontov, I.A. Maksimov, I.I. Moish, Grud.khir. 8 no.1 66-71 Ja-F '66.

RONZE

Monite in the transition layer of a steel-bronze bimetal. V.S. Popov and others, Metalloved. i term.obr.met. 6:650-62 Je '66.
Setting bronze pairs. N.S. Skliakov, Kuz.-stann. stolov. 8 no.10:42-44 O '61.

RONZE—ELECTROMETALLURGY

King electrode in bronze in electric slag units. V.M. Izhaev, V.P. Didkovskii, TSvet.met. 39 no.3 63-65 Mr '66.

RONZE AGE

see subdivision under Azerbaijan

OWN ROT

Results of the testing of new fungicides in controlling the monilia disease of fruit trees. I.S. Popovskii, Infek. zab. kul't. rast. Mold. no.4:9-14 '65.

OWNIAN MOVEMENTS

Ownian molecular movements in liquids of like molecular structure. I.I. Adamenko, I.O. Cherniavskaya, Ukr.fiz.kur. 11 no.3:339-340 Mr '66.

Ownian movement in certain symmetrical spaces, and non-negative eigenfunctions of a Laplace - Beltrami operator. E.B. Dynkin, Izv. AN SSSR, Ser.mat. 30 no.2:455-478 '66.

Copy of thermal diffusion of Brownian particles. A.L. Iros, Zhur. eksp. i teor. fiz. 50 no.3:800-817 Mr '66.

ICELLA

Lysis with TB bacteriophage as a supplementary test in the differentiation of Brucella species. N.N. Strovskaya, E.I. Kaitmarova, Zhur. mikrobiol., epid. i imun. 43 no.3:75-79 Mr '66.

Genetic relationship in Brucella and paratyphoid bacteria. G.M. Ivanova, A.A. Mikushina, A.I. Gullayev, Izv. AZVI 13:108-110 '64.

Contamination of raw hides and pelts obtained from animals with brucellosis. K. Edygenov, Trudy AZVI 1:153-157 '64.

Use of fluorescent antibodies for detecting Brucella in water and in the organs of animals. O.A. Ignat'eva, Zhur. KVI 10:129-132 '64.

ICELLOSIS

Local aspects of recurrent brucellosis. V.M. Madzhiev, Sov.med. 29 no.3:72-75 Mr '66.

Clinical significance of the determination of capillary permeability in chronic brucellosis. I.A. I. Sirochenko, B. I. Shcherbak, Sov.med. 29 no.1 112-116 Ap '66.

Exercise therapy in brucellosis. M.M. Mikhailova, L.D. Skuchayeva, I.U. F. Shestak, Vop.kur., fizioter. i lech. fiz.kul't. 31 no.1:60-70 '66.

Serologic diagnosis of brucellosis in cats. A.I. Gullayev, Trudy AZVI 13:124-126 '64.

Study of protein synthesis in the liver in experimental brucellosis. M.A. Grefova, Veterinarika 12 no.3:111-112 Mr '66.

Studying the immunobiological changes in blood protein fractions in guinea pigs infected with the culture of Brucella strain 19. O.A. Ignat'eva, G.G. Nuriev, Uch. zap. KVI 10:107-110 '61.

BRUCellosis—PREVENTIVE INOCULATION

Effect of monomycin on the immunogenic processes in the immunization of animals with brucellosis vaccine. G.A. Shalariyan, A.G. Nuzanov, A.A. Navasardyan, Antibiotiki 10 no.1 337-338 Ap '65.

Effect of prednisolone on the protein composition of the blood serum in antibrucellosis vaccination and experimental brucellosis. V.A. Lisitskiy, Vopr. med. khim. 12 no.2:158-163 Mr-Apr '66.

Histochemical studies of the liver of guinea pigs infected with brucellosis following immunization with various vaccine strains of Brucella. G.Z. Ibratov, Uch. zap. KVI 10:263-270 '61.

Studying the antigenic and immunogenic properties of Brucella strains. I.M. Shalunov, Uch. zap. KVI 10:170-175 '61.

Studying the immunogenic properties of the brucellosis vaccine prepared by the Faculty of Veterinary Scientific Research Institute. Sh.Kh. Khizmatov, R.V. Sakhibova, Uch. zap. KVI 10:235-249 '61.

BRUCellosis IN CATTLE

Differences between cattle infected with brucellosis and cattle vaccinated with the strain 19 vaccine. I.A. Akhmedov, Vestn. AN BSSR, Ser. sel'sk. hosp. nauch. 1:128-133 '66.

Effect of nonspecific antigenic stimuli on the immunobiological reactivity of cattle vaccinated against brucellosis. N.A. Kiytova, I.F. Kasanov, G.A. Nizametdinova, Uch. zap. KVI 10:111-113 '64.

Higher nervous activity and immunological reactivity of cattle following immunization against brucellosis. I.F. Kazakov, Uch. zap. KVI 10:151-159 '61.

Method of determining the economic loss caused by brucellosis in cattle, published as a topic for discussion. P.P. Grigor'enko, Veterinarika 42 no.3:43-47 Mr '66.

Plate agglutination reaction with milk in brucellosis diagnosis. L.S. Chichibabin, Veterinarika 42 no.3:100-111 Mr '66.

BRUCellosis IN SHEEP

Compound vaccine prophylaxis of brucellosis and paratyphoid fever in sheep. B.A. Matvienko, G.M. Ivanova, Trudy AZVI 13:101-105 '64.

BRUCTIC

see subdivision under Gissar Range

BRUK, ALEKSANDR SEMENOVICH, 1906-

On the occasion of the sixtieth birthday of Aleksandr Semenovich Bruk, Leks. i khim. no.3:63 '66.

BRYANSK—IRON AND STEEL WORKERS

Strengthen the labor discipline. A. Gordeev, Part. zhizn' no.9 10-51 My '66.

BRYANSK PROVINCE—MITES

Taxa and ecology of gamasid mites of the common field mouse. I.P. Khomakov, Med. paraz. i paraz. bol. 35 no.1 115-116 Ja-F '66.

BUBBLES

Effect of the degree of dispersity of vapor (gas) bubbles on the liquid-drop entrainment in boiling and bubbling. V.G. Gleim, V.M. Vilenakii, Zhur. prikl. khim. 39 no.1:82-87 Ja '66.

Generalized equation for mass transfer in bubbling. I.U. I. Dynerukii, A.G. Kasatkina, L.P. Kholpanov, Zhur. prikl. khim. 39 no.1:102-100 Ja '66.

Law of distribution of the sizes of gas bubbles in a turbulent liquid flow. V.I. Il'ichev, G.C. Neudmin, Akust. zhur. 11 no.4:453-457 '65.

BUCHAREST—DESCRIPTION

From the everyday life in Bucharest. Nikolai Ravich, Nov.vrem. 23 no.20:28-30 My '66.

BUCKLING (MECHANICS)

Buckling of edges in welding thin-sheet materials. A.V. Petrov, G.A. Slavin, Svar. protv. no.5:18-19 My '66.

BUCKWHEAT

Antic acid spectrum in diploid and tetraploid buckwheat seeds. E.A. Zhebrak, N.M. Kolchin, I.U. K. Nikol'skii, Vestn. AN BSSR, Ser. biol. nauch. no.1:133-135 '66.

BUCKWHEAT—DRYING

Active ventilation of buckwheat by atmospheric air. M.G. Golik, G.V. Taradina, Izv. vyz. ucheb. zav., pishch. tekhn. no.2:23-25 '66.

BUCKWHEAT—GRADING

New developments in the technology of grading and cleaning buckwheat and unsoured rice. I.A. Lechin, M. Solov'ev, Muk. - clev. prom. 32 no.4 17-19 Ap '66.

BUDGEI

see subdivision under Kazakhstan

BUDADIENOLIDE

Budadienolide derivatives from Boreonolubilis. A.I. Reznichenko, M.Y. Gulyan, D.B. Kolesnikov, Tsimmer. khim. 20 no.2 75-79 '65.

BUFFALOES

(see also subdivision under Azerbaijan)

Intake of types of buffaloes in connection with productivity, body conformation, and physiological features. A. Agibelli, I.A. Guseinov, Trudy AZKH 12:5-15 '61.

BUG VALLEY—GEOLOGY, STRATIGRAPHIC

New data on the Paleogene and the sediments bordering it in the middle Bug Valley. V.O. Zetinskaya, N.M. Baranova, Geol. zhur. 23 no.6 74-79 '63.

BUG VALLEY—MAGNETITE—SPECTRA

Some data on the composition of the magnetite of Precambrian rocks in the middle Bug Valley. V.D. Kovar', Geol. zhur. 23 no.6 98-101 '63.

BUGRIMOVICH, VASILII IVANOVICH

Unforgettable. A. Baranov, Giazd. av. 23 no.5:10-11 My '66.

BUILDING

(see also subdivision under Uzbekistan)

In the Ministry for Assembly and Specialized Operations of the U.S.S.R. Mont. i spets. rab. v stroit. 28 no.4:29-30 Ap '66.

BUILDING—CONGRESSS

Correspondence conference of leaders of "Zhilishchno-stroitel'stvo". Zhilishch. no.1:29 '65.

BUILDING—ESTIMATES

Guideline materials on the problems of calculating estimated costs and making estimates for completed construction and assembly operations. Na stroit. Ros. 7 no.3:29 Mr '66.

Index method of analyzing and planning the cost of assembly work. R.N. Kashlinskiy, Mont. i spets. rab. v stroit. 28 no.1:21-23 Ap '66.

BUILDING—EXHIBITIONS

Mobile exhibitions of the State Production Committee for Assembly and Special Construction Operations of the U.S.S.R. N.D. Shishov, Mont. i spets. rab. v stroit. 25 no.12 26-27 D '65.

BUILDING—SAFETY MEASURES

Lithuanian S.S.R. Statybos ministerija. [Safety engineering in the building industry] Stugamo technika, statybineje promoneje sudare A. Gledavicius, Vilnius, Mintis, 1965. 228 p. [In Lithuanian]

Moscow. Nauchno-issledovatel'skii institut organizatsii, mekhanizatsii i tekhnicheskoi promoshchii stroitel'stva. [Standard programs for teaching workers safe methods of work and for testing the knowledge of engineering employees of safety techniques in construction] Tipovye programy po obucheniю rabochikh bezopasnym metodam truda i proverke znanii inzhenerno-tekhnicheskikh rabotnikov po tekhnike bezopasnosti v stroitel'stve. Izd. 2., Peter. Moskva, Stroizdat, 1965. 95 p.

BUILDING, WOODEN

Moscow. Tsentral'nyi nauchno-issledovatel'skii institut stroitel'nykh konstruktii. [Instructions for using wooden elements under the conditions of a chemically aggressive medium] Ukazaniya po primeneniiu derevjannykh konstruktiv v ustovlakh khimicheskoi agresivnoi sredy, Moskva, Stroizdat, 1966. 45 p.

BUILDING BLOCKS

Using loading pins in blocks in series II-03-05. V. Matsynin, Bud. mat. i konstr. 7 no.4:46-47 Ji-Ap '65.

BUILDING LAWS

(see also subdivision under Moscow)

New developments in the regulations for accepting industrial projects for operation. E. Zolotnikov, L. Romezov, Ekon. stroit. 8 no.5:26-31 My '66.

BUILDING MACHINERY

see Construction equipment

BUILDING MATERIALS

(see also subdivision under Kazakhstan; Uzbekistan)

Automating the preparation of slurry from soft rock. I.A.E. Gel'fand, I.V. Finkel'shtein, TSement 32 no.2: 21-22 Mr-Apr '66.

Development of a building materials production base for construction. M. Kretova, L. Poljakov, Fin. SSSR 40 no.4:51-54 Ap '66.

BULGARIAN MATERIALS—TRANSFORMATION

Changes in the properties of materials under the influence of various factors. *Uch. zap. KV* 3:236-241 '64.

BULGARIAN MATERIALS—INDUSTRIAL

Industrial materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—MANAGEMENT

Management of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—MANUFACTURING

Manufacturing of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—SAFETY

Safety of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—STRENGTH

Strength of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—TECHNOLOGY

Technology of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—USE

Use of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—VALUE

Value of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—VOLUME

Volume of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—WEIGHT

Weight of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—WORK

Work of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—YIELD

Yield of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—ZONES

Zones of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

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Zones of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

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Zones of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—ZONES

Zones of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—ZONES

Zones of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

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Zones of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

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Zones of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

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Zones of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—ZONES

Zones of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIAN MATERIALS—ZONES

Zones of materials in the construction of the Bulgarian People's Republic. *Bul. inst. konstr.* 7 no. 4:1-23 '65.

BULGARIA—FOOD INDUSTRY

Influence of technological progress on costs and labor productivity in the food and light industries of the People's Republic of Bulgaria. *Trudy INKH* 13 no. 5:170-190 '65.

BULGARIA—GAS WELL LOGGING, ELECTRIC

Using the time factor in the resistivity study of carbonaceous reservoirs in the Chitnaskovo gas condensate field. *Trudy INKH* 13 no. 5:170-177 '65.

BULGARIA—INDUSTRIES

A country with a growing industry. *Trudy INKH* 13 no. 5:97-104 '65.

BULGARIA—MANUFACTURES

Influence of technological progress on costs and labor productivity in the food and light industries of the People's Republic of Bulgaria. *Trudy INKH* 13 no. 5:170-190 '65.

BULGARIA—MILITARY ART AND SCIENCE—PERIODICALS

Pen and sword, Aleksandr Gelman. *Sov. voen.* 47 no. 17:42 '55.

BULGARIA—TECHNOLOGICAL INNOVATIONS—FINANCE

Financing and issuing credit for technological progress in Bulgaria. *D. Dashovskina, Den. kred.* 21 no. 4:68-75 Ap '66.

BULGARIA—TRACTORS

Tractors and agricultural machinery of the Bulgarian People's Republic. *N. M. Petrova, Trakt. i sel'khoz-mash.* no. 5:43-45 My '66.

BULLS

Comparative evaluation of surgical and chemical methods for the castration of young bulls of various ages. *M. A. Khaidin, Trudy AZVI* 13:190-192 '64.

BULLS—DISEASES AND PESTS

Prevention of arthritis in herd bulls. *M. P. Volkoboi, D. I. Savchuk, A. S. Lisovchenko, Veterinarika* 42 no. 3:73-74 Mr '66.

Ruptures of the third musculus peroneus in herd bulls. *L. V. Matveev, Veterinarika* 42 no. 3:74-75 Mr '66.

Vitamin-mineral deficiency in herd bulls. *A. M. Kolesov, N. I. Kolesova, I. P. Rozhkov, Veterinarika* 42 no. 3:68-72 Mr '66.

BULLS—FEED UTILIZATION EFFICIENCY

Effect of partial and complete castration of young bulls on the digestion and utilization of nutrients of their rations. *A. A. Fomina, Uch. zap. Mord. gos. un.* no. 47:143-146 '65.

BULLS—FEEDING AND FEEDS

(see also subdivision under Savatov Province)

Calcium and phosphorus nutrition of herd bulls. *V. F. Lemesh, L. L. Peuzner, Vestn. AN BSSR, Ser. sel'khoz-nauk.* no. 4:92-98 '65.

BUNT (DISEASES OF WHEAT) see Smuts

BUNT SALTS

Comparative evaluation of the protective effectiveness of potential radioprotectors, the Bunt salts, on various biological models. *I. U. B. Kudishov and others, Radiobiologiya* 6 no. 2:272-277 '66.

BUREAUCRACY

Bureaucracy of the twentieth century; sociological remarks on modern bourgeois society. *E. Gnedin, Nov. mir* 42 no. 3:180-201 Mr '66.

BURMA—LANDFORMS—MAPS

The 12,000,000 landform map of Burma. *L. I. Kurakova, Vest. Mosk. un. Ser. 5: Geog.* 21 no. 2:122-125 Mr-Apr '66.

BURMA—PEASANTRY

The month Na Daw will never come again... *V. Lushchov, Nov. vrem.* 23 no. 10:10-11 My '66.

BURNERS

Burners and sprayers for flame photometer. *M. E. Britske, Zav. lab.* 32 no. 4:476-481 '66.

BURNET (BOTANY) see subdivision under Siberia, Western

BURNS AND SCALDS

Acute burns of the pharynx, larynx, and esophagus based on materials of an otorhinolaryngeal clinic for 10 years. *A. E. Mukhina, Vop. travn.* no. 2:157-162 '63.

Changes in brain oxygenation in the acute stage of burn disease. *E. A. Kovalenko, V. B. Troitskii, Pat. fiziol. i okup. terap.* 10 no. 1:28-32 Ja-F '66.

Changes in the blood serum protein fractions in burn disease caused by a chemical trauma of the esophagus. *M. S. Mikhailovskii, Vop. travn.* no. 2:178-183 '63.

Changes in the lungs due to burns. *R. I. Kaem, Arkh. pat.* 28 no. 2:80-84 '66.

Changes in the reactivity due to thermal trauma. *A. S. Aladyshkin, Uch. zap. KV* 3:236-241 '64.

Mental disorders in burn disease. *M. A. Khaidin, Trudy INKH* 13 no. 5:170-190 '65.

Some vegetative reactions of cattle to thermal trauma. *A. S. Aladyshkin, Uch. zap. KV* 3:236-241 '64.

Study of some toxic and toxicologic changes in the blood of persons with burns. *A. N. Sholudkov, Trudy INKH* 13 no. 5:170-190 '65.

Therapy of experimental thermal burns in cattle. *A. S. Aladyshkin, Uch. zap. KV* 3:236-241 '64.

BURNS AND SCALDS—CONGRUENCES

Scientific conference on the problem of burns. *M. A. Khaidin, Vop. travn.* no. 2:157-162 '63.

BURYAT A. S. S. R.—ANTIQUITIES

The Ust'-Tal'kin burial ground. *I. I. Selezneva, Trudy BKNII* no. 8:100-209 '66.

BURYAT A. S. S. R.—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

"Zharyal" means "happiness" in Buryat. *M. A. Khaidin, Trudy BKNII* no. 8:100-209 '66.

BURYAT A. S. S. R.—CULTURE

Mutual enrichment and cultural amalgamation of socialist nations. *N. S. Kozmashin, Trudy BKNII* no. 8:100-209 '66.

BURYAT A. S. S. R.—EXCAVATIONS (ARCHAEOLOGY)

Archaeological studies in the village of Oshon. *I. I. Selezneva, Trudy BKNII* no. 8:100-209 '66.

BURYAT A. S. S. R.—HORSES, FOSSIL

Horses found in Ust'-Tal'kin burial ground. *I. I. Selezneva, Trudy BKNII* no. 8:100-209 '66.

BURYAT A. S. S. R.—KNOTS AND SPLICES

Buryat knots, seams, and splices. *I. I. Selezneva, Trudy BKNII* no. 8:100-209 '66.

BURYAT A. S. S. R.—REVOLUTION, 1917-1921

The Buryat national liberation movement during the struggle for the Soviet Union. *I. I. Selezneva, Trudy BKNII* no. 8:100-209 '66.

BURYAT A. S. S. R.—WOMEN IN PUBLIC LIFE

A nonconforming life. *G. Semov, Mez. konts.* no. 3:41-47 '66.

BURYAT STUDIES

O. M. Kovalenko's correspondence with his Buryat friends. *N. P. Shastina, Trudy BKNII* no. 8:100-209 '66.

BURYATS see subdivision under Solonka Valley

BUS CONDUCTORS (ELECTRICITY)

Differential-phase protection of bus bars. *I. I. Selezneva, Trudy BKNII* no. 8:100-209 '66.

Differential protection of bus bars of the Ust'-Tal'kin type in large heat and electric power stations. *I. I. Selezneva, Trudy BKNII* no. 8:100-209 '66.

BUSH PEA see subdivision under Pyatigorsk

BUSINESS ENTERPRISES

(see also subdivision under Ukraine)

Kravtsov, N. M., and I. M. Kuznetsov. [Firm is a good thing.] *Firmy - khorosho!* Moskva, Sovetskaya Rossiya, 1966. 126 p.

BUSINESS ENTERPRISES—ACCOUNTING

Organization of accounting in combines. *P. A. Khaidin, Uch. zap. KV* 3:236-241 '64.

BUTADIENE

1,3-bisphosphor addition to unsaturated compounds. Part I. Addition of N-oxides of nitrile and nitrile oxides to 1,2- and 2,3-dichloro-1,3-butadiene. *V. N. Chuvpilo, V. O. Babalan, Zhur. org. khim.* 2 no. 2:201-203 '66.

Effect of the porous structure of supports on the properties of a catalyst for oxidative dehydrogenation of butenes to 1,3-butadiene. *V. A. Kotchikova, E. N. Emel'innova, D. A. Bozhukov, Neftokhimiya* 6 no. 1:85-88 Ja-F '66.

Hydrogenation of bityl and vinylacetylene on a nickel-kieselguhr catalyst. *N. I. Sazonov, P. S. Kogan, B. N. Kazarnovskii, Neftokhimiya* 6 no. 1:85-88 Ja-F '66.

Polarographic determination of carbon tetrachloride in hexachlorobutadiene. *L. K. Kutkina, K. G. Barina, Zh. D. Gudzenko, Zav. lab.* 32 no. 8:282-284 '66.

CAR TRUCKS (RAILROADS)

Modernization of freight-car trucks M. I. Verigo and others. *Zh. dor. transp.* 48 no. 138-11 Ap '66.

CAR WHEELS

Forces acting in the contact of wheel and rail in tracks with continuous rails. V. F. Lazkovlev. *Put' i put. khoz.* 10 no. 115-16 '66.

The main stresses in a seamless rolled rail and car wheel caused by the assembly of wheel pairs. A. G. Andreev. *Vest. KhPI* no. 1102 '65.

CAR WHEELS—DEFECTS

Classification of wheel set defects. M. A. Chernyshev. *Zh. dor. transp.* 48 no. 453-54 Ap '66.

CARBAMIC ACID

Dithiocarbamate method in obtaining S-thiocarbamylthiohydrazone acids as intermediate products in the synthesis of 2-thio-4-thiazones. O. V. Vladimirovskaya, I. I. Sumilak. *Farm. zhur* 19 no. 351-53 '61.

Effect of dithiocarbamic acid derivatives on the enzyme activity of cytochrome oxidase, succinic dehydrogenase and catalase. M. V. Kozlov, R. P. Smorot. *Farm. i toka*, 28 no. 234-237 Mr-Apr '65.

Inhibitory activity of the alkyl esters of arylthiocarbamic acids. I. A. Baskakov, L. A. Bakumenko, V. S. Khanchikova. *Agrokhimia* no. 4125-128 Ap '66.

Organic insectofungicides. Part 95: Preparation of some esters of polychlorobicyclohexenyl-methylthiocarbonyl and thiocarbamic acids. A. T. Anisichenko and others. *Zh. ob. khim.* 30 no. 4641-645 Ap '60.

CARBAMIC ACID—TOXICOLOGY

Toxicity of dithiocarbamic acid derivatives and compounds structurally similar to them. M. V. Koroblev. *Farm. i toka*, 28 no. 2330-233 Mr-Apr '65.

CARBIDES

Carbides in the ternary system Fe - V - C. I. U. V. Grudil, I. D. Lykhin, T. F. Podinov. *Izv. vyz. ucheb. zav., chem. met.* 9 no. 4124-127 '66.

Certain methods of forming and sintering carbides. Edmund Bilak. *Khizmat Lesn. i Porosh. met.* 6 no. 4: 85-100 Ap '66.

Phase analysis of solid alloys WC - TiC - Co. V. I. Tumanov and others. *Zav. lab.* 31 no. 6:613-646 '65.

Mechanism of the formation of the Me₂C₃ carbide during the tempering of molybdenum steel. V. I. Pavlov. *Fiz. met. i metallov* 21 no. 3:469-472 Mr '66.

Ternary compounds in the system beryllium - boron - carbon. L. A. Markovskii and others. *Zhur. prikl. khim.* 30 no. 1:13-20 Ja '66.

CARBOHYDRATES

Content of phosphorus and carbohydrate compounds in the organs of the sunflower as related to the effectiveness of mineral fertilizers. M. A. Tshukan. *Effek. udob. v. ust. Mold* no. 177-81 '65.

Dinamic dynamics of carbohydrates in leaves of some alpine plants growing under various conditions. A. G. Gasparian. *Dokl. AN Arm. SSR* 42 no. 1:47-52 '66.

Effect of frost on the activity of enzymes of carbohydrate complex in plants. T. A. Barskaya, G. A. Vichurina. *Nauch. dokl. vyz. shkoly, biol. nauk* no. 2:153-155 '66.

CARBOHYDRATES IN THE BODY

Transformation of some carbohydrates in the content of cattle rumen. I. S. Tikhonov. *Ukr. biohim. zhur.* 38 no. 2:202-205 '66.

CARBON

Carbon pathways in chemosynthesis. A. K. Romanova. *Usp. biol. khim.* 7:205-208 '65.

Mechanism of the reduction of calcium phosphate by carbon. V. A. Erekhov. *Khim. prom.* 42 no. 4:283-284 Ap '66.

CARBON—EFFECT ON PLANTS see Plants, Effect of carbon on

CARBON, ACTIVATED

Adsorptive properties of carbon adsorbents. Report No. 6: Study of the equilibrium adsorption of vapors in a wide temperature range on active coals with various microporous structures. M. M. Dubinin, E. F. Polistakov. *Izv. AN SSSR, Ser. khim.* no. 4:610-620 '66.

Change of free energy during the displacement of water from the surface of activated carbon by benzene adsorbed from aqueous solutions. A. M. Koganovskii, T. M. Lavchenko. *Koll. zhur.* 28 no. 2:225-228 Mr-Apr '66.

Dehydrogenation of decalin and tetralin in the presence of activated coals. N. I. Shuklin, T. I. Naryshkina, Z. A. Rnshechupkina. *Netekhimia* 6 no. 1:22-26 Ja-F '66.

Evaluating the quality of activated carbon used in liqueur and vodka manufacture. M. V. Antipenko, T. V. Liskina, V. A. Smirnov. *Izv. vyz. ucheb. zav., fiz. khim. i tekhn.* no. 2: 66-69 '66.

Preparation and study of ion-exchange properties of nitrogen-containing coal. I. A. Kuzin, A. I. Loskutov. *Zhur. prikl. khim.* 39 no. 1:100-105 Ja '66.

Preparation and study of the ion-exchanging properties of oxidized carbon. I. A. Kuzin, B. K. Strashko. *Zhur. prikl. khim.* 39 no. 3:603-608 Mr '66.

Purification of tetramin anoxin with activated carbon. B. Blasko, G. Dimosheva. *Vop. med. khim.* 11 no. 3: 93-95 My-Je '65.

Study of the porous structure of active coals from anischarose by the methods of adsorption and small-angle scattering of X-rays. G. M. Plavnik, M. M. Dubinin. *Izv. AN SSSR, Ser. khim.* no. 4:628-637 '66.

Zinc chloride activation of raw coal from lignin. L. P. Kitanov, B. G. Udarov. *Vest. AN BSSR, Ser. khim. nav.* no. 4:112-114 '65.

CARBON, ACTIVATED—ADSORPTIVE PROPERTIES

Structure and adsorptive properties of bone charcoal prepared by various activation methods. M. I. A. Pulicovich, T. G. Plachenov. *Vest. AN BSSR, Ser. khim. nav.* no. 1:119-127 '65.

CARBON BLACK

Chlorinated petroleum products as additives to carbon black raw materials. T. G. Gul'misarian and others. *Netekhimia* no. 4:31-33 '66.

Improving the quality of granulated carbon black. D. I. Rabinov, V. F. Kalinovskii, V. M. Ostrov. *Kauch. i rez.* 23 no. 1:20-32 '66.

Influence of carbon black on the interaction of rubber with sulfur and accelerators. B. A. Dogadkin, Z. V. Skodunova, M. S. Goldshstein. *Koll. zhur.* 28 no. 2:141-217 Mr-Apr '66.

Method of determining the wettability of carbon black by polar and apolar liquids. N. N. Lezhnev, B. I. L'vov. *Polim. i T. S. Groznova. Kauch. i rez.* 28 no. 1:18-19 '66.

Regulation of the porous structure in carbon black-pitch compositions. A. S. Fialkov, G. P. Gumilevskaya, N. N. Ogareva. *Zhur. prikl. khim.* 38 no. 2:145-148 F '65.

Rheological properties of polyisobutylene-carbon black mixtures. G. M. Barzov, Z. G. Poyanova. *Koll. zhur.* 28 no. 2:171-176 Mr-Apr '66.

CARBON DIOXIDE

Experimental study of the kinetics of dissolution of carbon dioxide and ammonia. A. V. Zhavononkov, A. G. Usmanov. *Zhur. prikl. khim.* 39 no. 3:591-596 Mr '65.

Kinetics of the reaction of carbon dioxide reduction by petroleum coke. S. A. Akhmetov, Z. I. Sumilak, R. N. Gimaev. *Izv. vyz. ucheb. zav., nef. i gaz* 8 no. 8:55-58 '65.

Method for determining carbon dioxide in the alveolar air based on pCO₂ in mixed venous blood. N. N. Kanayev, F. I. Zhur. *28 no. 4:431-433 Ap '66.*

Some laws governing carbon dioxide balance in old arabic dark chestnut carbonate soils of the Virgin Territory. I. I. Ermetjanov. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 2 no. 5:13-20 S-O '64.

Study of heat transfer from a steel pipe to water saturated with carbon dioxide. N. S. Alfirov, R. A. Rybin, N. P. Shanninov. *Teplotennergika* 13 no. 4:87-89 Ap '66.

CARBON DIOXIDE—PHYSIOLOGICAL EFFECT

Changes in the electroencephalogram during and following the course of carbon dioxide and hydrogen sulfide baths in various functional states. T. I. Antonina. *Vop. kur. i fiziot.* 1:1. *Lech. fiz. kul't.* 31 no. 1:32-37 '66.

CARBON DISULFIDE

Absorption of carbon disulfide by anion-exchange resins. L. A. Tsaplina, A. B. Davankov. *Zhur. prikl. khim.* 30 no. 3:609-611 Mr '66.

Use of carbon disulfide as a sulfonating agent in the synthesis of rare earth sulfides. L. A. Markovskii, E. A. Pesina, R. I. Smirnova. *Zhur. prikl. khim.* 38 no. 2: 411-414 F '65.

CARBON ISOTOPES

After effects of lower temperature in the uptake of C¹⁴ into the cellulose of cotton leaves. L. M. Makhmadbekova. *Dokl. AN Tadzh. SSR* 9 no. 2:34-38 '66.

Method for the mass-spectrometric analysis of the isotope composition of carbonate carbon. E. M. Gailmov. *Trudy MINKHOP* no. 58:92-102 '65.

Study of the exchange of carbon isotopes in a column with independent flows. S. G. Katal'nikov, S. V. Shlapnikov. *Zhur. prikl. khim.* 38 no. 2:280-303 F '65.

CARBON MONOXIDE

Carbonylation of haloanilines by carbon monoxide. I. A. Iv. Ailov, I. B. Romanova, L. V. Penskaya. *Uzb. khim. zhur.* 9 no. 3:41-46 '65.

Conversions of some cyclopropane homologs under conditions of hydrocondensation of carbon monoxide with olefins. I. A. T. Eldus, M. I. Lukina, B. K. Nefedov. *Izv. AN SSSR, Ser. khim.* no. 4:720-727 '66.

Low-temperature catalyst for the conversion of carbon monoxide. T. A. Semenova and others. *Khim. prom.* 42 no. 4:277-280 Ap '66.

CARBON MONOXIDE—TOXICOLOGY

Morphological changes in the liver following the exposure of the body to the effect of carbon monoxide, methanol, and their combinations. L. I. Morozova. *Farm. i toka*, 28 no. 2:245-247 Mr-Apr '65.

CARBON TETRACHLORIDE

Liquid - crystals equilibrium in the system trichlorosilane - carbon tetrachloride. G. Z. Bilim, G. T. Danilova, L. N. Efanova. *Zhur. fiz. khim.* 40 no. 2:407-410 F '66.

Polarographic determination of carbon tetrachloride and hexachlorobutadiene. L. K. Kutanina, K. G. Berezina, Zh. D. Gudzenko. *Zav. lab.* 32 no. 3:282-284 '66.

CARBON TETRACHLORIDE—TOXICOLOGY

Activity of the acetylation enzyme in the liver in carbon tetrachloride poisoning. A. E. Grebennikova. *Vop. med. khim.* no. 3:17-19 My-Je '65.

Effect of piazolam on the activity of some enzymes of the liver and the blood in carbon tetrachloride poisoning. A. A. Pokrovskii, A. I. Achakov, V. M. Devichenskii. *Vop. med. khim.* 11 no. 3:64-67 My-Je '63.

CARBONATE ROCKS see Rocks, Carbonate

CARBONATITES

(see also subdivision under Siberia, Eastern)

Banded carbonatites. A. A. Frolov. *Izv. AN SSSR, Ser. geol.* 31 no. 4:3-11 Ap '66.

CARBONIC ACID

Production of carbonic acid in the kharkiv hydrolysis plant. F. A. Vygranenko. *Gidroliz i lesokhim. prom.* 10 no. 3:23-24 '66.

CARBONITRIDES

Physicochemical conditions for the low-temperature carbonitriding of high-melting metal oxides. G. A. Meerson, E. M. Raktitskii. *Sbor. Inst. stali i sploy* no. 11:214-253 '66.

CARBONIUM COMPOUNDS

Stabilization of an intermediate σ -carbonium ion in cyclopentadienyl manganese tetracarbonyl. A. N. Nesmetanov and others. *Izv. AN SSSR, Ser. khim.* no. 4:720-719 '66.

CARBONYL COMPOUNDS

Determining the sum of the volatile carbonyl compounds in tobacco smoke. I. G. Mokhnachov, S. V. Kamanshekhova. *Izv. vyz. ucheb. zav., fiz. khim. i tekhn.* no. 2:57-58 '66.

CARBONYL GROUP

Organic insectofungicides. Part 97: Synthesis of some mixed dithiophosphoric acid esters containing a carbonyl group in the ester radical. T. S. Tyrkina and others. *Zhur. ob. khim.* 30 no. 4:652-656 Ap '66.

CARBORANES

Kinetics of the migration polymerization of epoxypropoxypropyltriethoxysilane in presence of bis-hydroxymethyl carborene. M. V. Sobolevskii and others. *Plast. massy* no. 1:18-21 '66.

CARBOXYL GROUP

Use of carboxyl containing rubber in the manufacture of artificial leather for shoe uppers. L. A. Shtern, L. V. Polinkov, S. A. Pavlov. *Nauch.-issl. trudy VNIIPR* no. 15:3-8 '64.

CARBOXYLATION

Role of pyridine in the hydrocarboxylation of diolefins. N. S. Imantov, D. M. Rudkovskii. *Zhur. org. khim.* 2 no. 2:231-235 F '66.

CARCINOGENESIS

Korostoleva, T. A. [Changes in the tissue antigens during the process of experimental carcinogenesis] Ob izmeneniiakh tkanykh antigenov v protsessе eksperimental'nogo kantserogenezha. [Leningrad] Meditsina, 1966, 247 p. (DNLM)

Tryptophan, its metabolism and carcinogenesis. L. A. Charkas. *Vop. pit.* 25 no. 2:15-24 Mr-Apr '66.

CARCINOGENS

Blastomogenic effect of cyanuric chloride. G. B. Plias. *Vop. onk.* 12 no. 4:78-82 '66.

Role of liver cell injuries in the induction of hepatomas in mice. G. A. Belitskii. *Vop. onk.* 10 no. 11:77-80 '64.

CARD CATALOGS see Catalogs, Card

CARDIA—CANCER

Dysphagia stimulating recurrence of cancer of the cardia. L. A. Frankfurt. *Vop. onk.* 12 no. 4:91-95 '66.

CARDIA—RADIOGRAPHY

Clinical X-ray picture of cardiospasm. V. V. Umanskaya, S. M. Fuks. *Grud. khir.* 8 no. 1:88-91 Ja-F '66.

CARDIA—SURGERY

Clinical experimental characteristics of esophagitis following gastrectomy and resection of the cardia. R. V. Bogoslavskii, A. N. Butsev, I. M. Belousov. *Grud. khir.* 8 no. 1:92-96 Ja-F '66.

CARDIAC NERVES see Heart—Innervation

CARDIOSPASM

Clinical X-ray picture of cardiospasm. V. V. Umanskaya, S. M. Fuks. *Grud. khir.* 8 no. 1:88-91 Ja-F '66.

CASPIAN SEA—LAMELLIBRANCHIATA

New species of bivalve mollusks from the profundal regions of the Caspian Sea. B. M. Logvinenko, I. A. Starobogatov. Nauch. dokl. vys. shkoly, biol. nauki no. 2:13-16 '66

CASPIAN SEA—OIL POLLUTION OF RIVERS, HARBORS, ETC

Coefficient of utilization of an oil trapping device of the cyclone type. L. N. Kurov, S. A. Abdurnashitov, V. K. Tokidin. Izv. vys. ucheb. zav., neft' i gaz 8 no. 8:74, 80 '65.

CASPIAN SEA—PALYNOLOGY

Spore and pollen spectra of bottom sediments of the Caspian Sea. E. A. Mal'gina, E. G. Maev. Izv. AN SSSR, Ser. geog. no. 2:61-70. M.-Ap '66.

CASPIAN SEA—ZOOPLANKTON

Zooplankton off the western shore of the Caspian Sea. A. G. Kasymov. Zool. zhur. 15 no. 2:172-178 '66.

CASPIAN SEA REGION—CLAY

Characteristics of Pliocene-Quaternary clay minerals in the northwestern part of the Caspian Sea region as revealed by a study made in the Karpinskiy swell. N. V. Marasanova. Izv. AN SSSR, Ser. geol. 31 no. 3: 107-113. Mr '66.

CASPIAN SEA REGION—EARTH—SURFACE

Some characteristics of the crustal subsurface structure in the southern part of the Caspian Sea. V. F. Fadeev. Vest. Mosk. un. Ser. 4-Geol. 19 no. 2:22-25. Mr.-Ap '64

CASPIAN SEA REGION—FISH PROCESSING PLANTS

Process fish where they are caught. S. Kazhenbaev. Nar. khoz. Kazakh 23 no. 2:46-47. Ja '65.

CASPIAN SEA REGION—GEOLOGY, STRATIGRAPHIC

Facies characteristics and the distribution of thickness of Paleogene sediments in the Aral-Caspian region. V. S. Mikhlin. Trudy MINKHGP no. 61:87-91 '66.

CASPIAN SEA REGION—GEOLOGY, STRUCTURAL

Recent tectonic movements in the Caspian Sea region. I. M. Vasil'ev, V. A. Demidov. Trudy MINKHGP no. 61:106-111 '66.

Tectonic characteristics of oil fields in steeply dipping layers and methods of prospecting them as exemplified by the Caspian monocline. A. L. Putkaradze, B. A. Akhramitan. Neftegaz. geol. i geofiz. no. 3:14-16 '66.

CASPIAN SEA REGION—MOLLUSKS, FOSSIL

Recent development in the study of Caspian Didacna. V. V. Bogachev. Dokl. AN Azerb. SSR 21 no. 11:27-29 '65.

CASPIAN SEA REGION—PETROLEUM GEOLOGY

Investigating Upper Permian and Triassic sediments in the northern part of the Caspian Sea region. S. K. Karaymsakov. Geol. naft' i gaz 10 no. 1:61-62. Ap '66.

CAST IRON

Improving defects in iron castings. Kh. Ambarismian. Prom. Aini. 9 no. 1:40-51. Ja '66.

CAST IRON—FRACTURE

Resistance of iron alloys to cavitation and erosion failure. I. N. Bogachev, V. F. Senkevich, T. M. Petukhova. Metalloved. i term. obr. met. no. 4:59-62. Ap '66.

CAST IRON—HARDENING

Basic parameters of the vibration aging of iron castings. G. A. Adolan, A. M. Gorchikov, E. Ch. Gini. Lit. protzv. no. 3:28-31. Mr '66.

Isothermal hardening of cast iron with spheroidal graphite. M. V. Voloschenko and others. Metalloved. i term. obr. met. no. 4:43-49. Ap '66.

Surface hardening by the induction heating of cast iron camshafts for ZIL-131 motors. I. U. A. Postnikov. Metalloved. i term. obr. met. no. 8:20-22. Jo '66.

CAST IRON—MAGNETIC PROPERTIES

Automatic device for the sorting out of cast iron nipple discards according to hardness. V. A. Bogdanov and others. Defektoskopii 1 no. 6:35-40 '65.

CAST IRON—METALLOGRAPHY

Distribution of globularizing elements of the graphite phase in the microstructure of cast iron. A. P. Liubchenko, M. V. Mocharev. Metalloved. i term. obr. met. no. 4:30-33. Ap '66.

Effect of copper on the eutectoid transformation in gray cast iron. K. P. Bunin, N. I. Repina, A. I. Litsenko. Izv. vys. ucheb. zav.; Chern. met. 9 no. 4:147-151 '66.

Effect of sulfur additions on the shrinkage process in cast iron. A. Ia. Kirapov, N. I. Shvdkov. Izv. vys. ucheb. zav.; Chern. met. 9 no. 4:152-154 '66.

Electron microscopy of the primary structures of chilled cast iron. I. A. Goncharenko, P. I. Sorokin, I. U. P. Babkin. Lit. protzv. no. 3:27-28. Mr '66.

High-frequency hardening of ferrite-pearlite gray cast iron. P. I. Rusin. Metalloved. i term. obr. met. no. 4:57-59. Ap '66.

Investigating phase and structural changes in the surface layer of friction pair materials. I. I. Pannalet, V. K. Poyod, I. M. Fedorchenko. Porosh. met. 6 no. 4:21-29. Ap '66.

Peculiarities of a bainite transformation of austenite in aluminum-alloyed cast iron. I. U. G. Bobko, Zh. S. Bobukh. Metalloved. i term. obr. met. no. 4:49-52. Ap '66.

Peculiarities of the formation of the graphite eutectoid in gray cast iron. V. F. Senkevich. Metalloved. i term. obr. met. no. 4:35-38. Ap '66.

The mechanical diagrams of high-strength alloyed cast iron. R. I. Pleinik, M. P. Blum. Metalloved. i term. obr. met. no. 4:65-67. Ap '66.

CAST IRON—METALLURGY

Silicon content in cast iron as criterion of thermal conditions of a blast furnace. A. F. Rebevo, L. S. Mikhlin, V. V. Besfordimly. Stal' 26 no. 1:303-305. Ap '66.

Some problems in the standardization of charges of gray cast-iron shops. A. N. Ershovitch, V. L. Rassudov. Avt. prom. 32 no. 3:33-35. Mh '66.

CAST IRON—TESTING

Exposure of graphite structure by the macrophotographic method. I. I. Pavlenko, T. S. Kas'lanova, T. V. Rovenskaya. Zav. lab. 31 no. 7:628-629 '65.

CAST IRON—WELDING

Correcting defects in important iron castings by welding. P. I. Shorin. Svar. protzv. no. 2:38-39. F '66.

Heat cycle and the quality of a welded joint in built welding of gray cast iron. V. M. Shakhmatov. Svar. protzv. no. 2:10-12. F '66.

CAST STONE see Stone, Cast

CASTLE'S FACTOR see Intuitive factor (Physiology)

CASTOR BEAN—MICROBIOLOGY

Changes in the mold microflora of castor oil seeds during thermal drying. V. M. Kopeikovskii, L. G. Nebroeva. Izv. vys. ucheb. zav., pishch. tekhn. no. 2:18-19 '66.

CASTRATION

Additional potential for the increase of meat production. I. U. Rastegayev. Zakup. sel'khoz. prod. no. 2:27. F '66.

Castration of adult rams by the method of subcutaneous ligature. Zh. O. Omarov, V. M. Panin. Trudy AZVI 13:174-177 '64.

Castration of adult rams with blind suturing of the wounds. I. Kh. Starovybornyi. Veterinaria 42 no. 3:80-82. Mr '66.

Comparative evaluation of surgical and chemical methods for the castration of young bulls of various ages. M. A. Khaidin. Trudy AZVI 13:190-192 '64.

Effect of partial and complete castration of young bulls on the digestion and utilization of nutrients of their rations. A. A. Fomina. Uch. zap. Mord. gos. un. no. 47: 143-146 '65.

Effect of prolonged instillations of pharmaceutical preparations on the pupillary reactions of the eye in castrated dogs. V. P. Baskakova. Farm. i toks. 28 no. 4:445-446. Ji.-lg '65.

Morphological changes in the testis of sheep in partial castration. N. P. Shakhvorostova. Trudy AZVI 13:220-228 '64.

CATALASE

Chemiluminescence accompanying the catalase process. G. I. Likhenshtein, A. P. Purnal'. Biofizika 11 no. 2: 245-248 '66.

Correlation between the catalase activity and resistance to drugs in Mycobacterium tuberculosis circulating in southeastern Africa. M. P. Zzykov. Zhur. mikrobiol., epid. i immunit. 43 no. 3:49-53. Mr '66.

Effect of mercaptoamine compounds and urea derivatives on catalase activity. G. N. Perashin, N. I. Fadeeva. Farm. i toks. 28 no. 2:221-223. Mr.-Ap '65.

Two forms of catalase in the liver and transplantable hepatomas. S. Ia. Davydova, G. A. Drozdova, V. S. Shapov. Vop. med. khim. 12 no. 2:163-169. Mr.-Ap '66.

CATALASE—SPECTRA

Spectral characteristics of catalase and hemoglobin of human erythrocytes. S. I. Krainov. Biokhimiia 31 no. 1:26-32. Ja.-F '66.

CATALOGS, CARD

Experience in the use of cards with marginal perforations for the compilation of a medical bibliography. G. N. Novozhilov. Voen.-med. zhur. no. 4:70-75. Ap '66.

CATALOGS, UNION

[Union list of new foreign books, received by the libraries of the U. S. S. R. Series A: Natural sciences, medicine, agriculture, technology] Svod. bibl. nov. inostr. knig. postup. v bibl. SSSR, Ser. A: Est. nauki, med., sel'. khoz., tekhn. nos. 6, 1 '66.

CATALYSIS

Acid-catalyzed reaction of olefins with peroxy acids. V. N. Sapunov, N. N. Lebedev. Zhur. org. khim. 2 no. 2: 223-231. F '66.

Catalytic activity of platinum group metals in the decomposition of hydrogen peroxide. N. I. Stroganova and others. Zhur. fiz. khim. 40 no. 2:475-477. F '66.

Catalytic conversion of propane with steam. V. P. Ruzhentsevskii, V. I. Efremova. Neftokhimiia 5 no. 2: 204-210. Mr.-Ap '65.

Catalytic conversions of cyclodecane on a nickel catalyst. T. S. Balenkova and others. Neftokhimiia 5 no. 2:101-101. Mr.-Ap '65.

Catalytic properties of metal-zirconium phosphate catalysts. N. F. Malenberga, A. I. Kukina, T. N. Fadeeva. Vest. Mosk. un. Ser. 2. Khim. 21 no. 1:107-113. Ja.-F '65.

Concerning an empirical regularity in oxidizing catalysis. V. Ia. Vol'ison. Teoret. i eksper. khim. 2 no. 1:123-125 '66.

Contact-catalytic transformations of normal alkanes in the presence of nickel deposited on various carriers at elevated temperature and hydrogen pressure in a flow system. N. G. Bekasov, L. F. Tupuridze. Trudy Inst. khim. AN Gruz. SSR 17:159-167 '64.

Contact-catalytic transformations of 2, 4-dimethyl-2-pentanol and 3-methyl-3-heptanol. Kh. I. Arashidze, E. K. Tavarikladze. Sodob. AN Gruz. SSR 41 no. 2:315-322. F '66.

Contact transformations of methylcyclopentane in the presence of a natural glauconite catalyst. V. L. Kyvrikashvili. Trudy Inst. khim. AN Gruz. SSR 17:201-205 '64.

Effect of the nature of the cation on the catalytic activity of zeolite Y in the alkylation of benzene with propylene. Kh. M. Minachev, Ia. I. Isakov, V. I. Garinin. Neftokhimiia 6 no. 1:63-67. Ja.-F '66.

Importance of the initial stage in the catalyzed oxidation of p-xylene. K. A. Chervinskii, A. M. Ivanov. Zhur. fiz. khim. 40 no. 2:477-480. F '66.

Influence of heavy metals on the catalytic effect of sodium sulfide and diethyldithiocarbamate in iodine-azide reaction. A. K. Babko, L. V. Markova. Uki. khim. zhur. 32 no. 3:281-283 '66.

Limit yield of catalytic reaction. G. D. Sakhatov. Dokl. AN SSSR 167 no. 4:863-866. Ap '66.

Mechanism of autocatalysis in the reduction of oxides. A. S. Tumarev, V. A. Pushkarev. Zhur. prikl. khim. 38 no. 2:267-271. F '65.

Mechanism of chain continuation reaction in liquid-phase oxidation processes taking place in the presence of salt catalysts. Cobalt stearate. I. P. Skibida and others. Dokl. AN SSSR 167 no. 5:1105-1108. Ap '66.

Nature of electronic states of molecules and the mechanism of their transformation. Part 2. D. N. Shigorin, V. G. Plotnikov. Zhur. fiz. khim. 40 no. 2:295-306. F '66.

New works on the kinetic methods of analysis: survey. K. B. Iatsimskii, V. K. Pavlova, V. I. Skuratov. Zav. lab. 31 no. 5:525-531 '65.

Report No. 3. Kinetic biamprometric microdetermination of nanogram quantities of molybdenum. I. G. Shafran, V. P. Rozensilum. Trudy IIEA no. 27:207-214 '65.

Synthesis of heterocyclic compounds based on the E. Fischer reaction. Part 4. Identification of some products of the catalytic decomposition of alkyl hydrazones. I. U. P. Kisev, T. V. Troepol'skaia, A. E. Arbusov. Zhur. org. khim. 2 no. 2:340-345. F '66.

Using a trifunctional activator for the synthesis of branched polyamides. V. V. Koshak and others. Vysokom. soed. 6 no. 3:519-525. Mr '66.

CATALYSIS—CONGRESSES

Conference on homogeneous catalysis in organic reactions. Ukr. khim. zhur. 32 no. 3:307-308 '66.

CATALYSTS

Activity of aluminum-cobalt-molybdenum catalysts during hydrogenation in a fluidized bed. A. I. Kuchko, A. V. Lozovoi, D. V. Skvortsova. Khim. i tekhn. topl. i masel' 10 no. 4:18-9. Ap '65.

Application of gas chromatography for the comparative evaluation of hydrogenation catalysts. V. G. Zlizin and others. Khim. i tekhn. topl. i masel' 10 no. 1:50-61. Ap '65.

Catalytic demethylation of toluene on an aluminum-nickel-molybdenum catalyst. A. S. Sultanov, A. Abdulkadyrov, A. S. Safaev. Neftokhimiia 5 no. 2:187-190. Mr.-Ap '65.

Catalytic properties of lead compounds. A. A. Konopolina, L. A. Nikolaev. Zhur. fiz. khim. 40 no. 2:442-445. F '66.

Continuous line production of catalytic copper-nickel salts. D. N. Chubudze, I. U. I. Litvinov, N. D. But. Masl. -zhir. prom. 32 no. 2:33-34. F '66.

Dehydrogenation of n-butane to butadiene in the presence of iodine and oxygen in the stationary bed of the catalyst. V. A. Kolobikhin, G. A. Stepanov, R. V. Chugunnikov. Khim. prom. 42 no. 4:255-257. Ap '66.

Diffusion factors in the process of coke formation on aluminum-silicon catalysts. M. E. Levnikov, G. M. Panchenkov, M. A. Tanatarov. Khim. i tekhn. topl. i masel' 11 no. 3:9-13. Mh '66.

Effect of the catalysts of polyvinyl alcohol acetylation on the properties of polychloroprene-polyvinyl formal films. V. S. Georgieva and others. Nauch.-issl. trudy VNIPK no. 15:60-73 '64.

CHEMICAL APPARATUS

Anticorrosive protection of gasholders in carbon disulfide manufacture. F. L. Altper-Pesotskiy, V. A. Khangel'skiy, Khim.volot no 2 65-66 '66.

Continuous line production of catalytic copper-nickel salts. B. N. Chubimide, M. I. Litvinov, N. D. But, Masl.-zhir.prom. 32 no 2 33-34 '66.

Mixing of the gas phase in a fluidized bed. S. L. Lashchuk and others. Khim. i tekhn. topl. masel. 11 no 3 21-25 Mh '66.

Various active methods of testing chemical apparatus made from two-layer metals. V. A. Bobrov, N. V. Khimichko, Khim. i nef. mashinost. no. 1 33-36 Ap '66.

Use of separator for the purification of conservation solutions in hide and skin processing. Z. Krizhal, B. Vasserman, Mlad. i SSSR 37 no. 2:12-11 '66.

Use of titanium for the apparatus of chlororganic synthesis in the hydrogen atmosphere. E. I. Antonovskaya, A. A. Pozdeeva, Khim. prom. 42 no. 4 304-305 Ap '66.

CHEMICAL APPARATUS—CORROSION

Testing of paint coatings for the anticorrosive protection of apparatus in seawater. B. A. Osipovskiy, I. U. B. Pugachev, T. I. Medvedeva, Lakokras. mat. i kh. prim. no. 2:14-15 '66.

CHEMICAL APPARATUS—DESIGN AND CONSTRUCTION

Experience in designing and manufacturing chemical apparatus from two-layer steels. V. M. Makarov, T. A. Bikhchayev, Khim. i nef. mashinost. no. 4 10-12 Ap '66.

CHEMICAL BONDS

Certain regularities in the electronic-vibrational spectra of substituted aromatic hydrocarbons. Part 3. A. F. Lutskiy, L. A. Antopova, Zhur. fiz. khim. 40 no 1 89-90 Ap '66.

Chemical bond in the compounds Cu_2S , Cu_2Se , and Cu_2Te . G. P. Sidorin, Zhur. fiz. khim. 40 no. 4:876-881 Ap '66.

Electronic-vibrational spectra of aromatic hydrocarbons and the number of bonds in conjugation. A. F. Lutskiy and others. Teoret. i eksper. khim. 2 no. 1:112-117 '66.

Formation and stability of amide and imide bonds. T. V. Shchepocheva, V. A. Gumenyuk, Izv. AN SSSR Ser. khim. no. 1 673-700 '66.

Formation of radicals in reactions occurring between valence-saturated molecules. I. S. D'achkovskiy, A. E. Shulov, Usp. khim. 35 no 1 699-713 Ap '66.

Free radical reactivity of CII- and OII- bonds of tertiary n-alkyl hydroperoxide in aqueous and n-heptane solutions. I. V. Heiczin, N. I. Kazanskaya, N. N. Ugarova, Zhur. fiz. khim. 40 no 1 766-769 Ap '66.

Hydrogen bonds in water and their significance for geological interpretations. A. M. Bikhchayev, Izv. AN SSSR. Ser. geol. 31 no. 3:42-58 Mr '66.

Some regularities in the electronic-vibrational spectra of substituted aromatic compounds. Part 5. Mono-substituted biphenyl, triphenyl, tri-n-alkylbenzene, and 1,4-disubstituted biphenyl, triphenyl, tri-n-alkylbenzene, and 1,4-disubstituted biphenyl. A. F. Lutskiy and others. Teoret. i eksper. khim. 2 no. 1:117-122 '66.

CHEMICAL ELEMENTS

Mass spectrometric analysis of high-purity substances (survey). I. U. M. Miller, R. V. Poponova, V. I. Ustinov, Trudy IREA no. 27 103-107 '65.

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

[Chemical and refrigeration machinery manufacture] Ref. Zhur. Khim. i kh. mashinost. nos. 3-4 Mh-Ap '66.

CHEMICAL ENGINEERING LABORATORIES

Operation of the Central Laboratory at the Chelabinsk Zinc Electrolytic Plant. I. A. Solferman, Zav. lab. 31 no. 6:760-770 '66.

CHEMICAL EQUILIBRIUM

Equilibrium in the system $AlBr_3 - H_2S - toluene$. A. M. Sheuchyk, B. V. Erastov, Vestn. AN DSSR, Ser. khim. nav. no. 4:10-16 '65.

Reaction equilibrium of cobalt carbonyl formation from its salts. V. I. Gankin, D. P. Krinkin, D. M. Rudkovskiy, Zhur. ob. khim. 36 no. 4:760-762 Ap '66.

CHEMICAL INDUSTRIES

(see also subdivision under Azerbaijan, Kirovakan; Ukraine)

Chemical industry prepares for the 27th Congress of the CPSU. S. M. Titkhomirov, Zhur. VKHO II no. 2:122-125 '66.

Optimal distribution of resources between parallel operating systems. T. Q. Rylov, Avtom. i telemek. no 3:153-153 '66.

Problem of efficient combining and distribution of chemical plants. N. P. Fedorenko and others. Khim. prom. 42 no. 4:208-200 Ap '66.

Results of the all-Union socialist competition of the enterprises and organizations of chemical industries during the fourth quarter of 1965. Khim. prom. 42 no. 4:309-310 Ap '66.

Results of the all-Union socialist competition of the sulfuric acid shops in enterprises of chemical, petroleum refining and petrochemicals industries during the fourth quarter of 1965. Khim. prom. 42 no 4:310 Ap '66.

Toward a further upswing of the chemical industry. Khim. prom. 42 no. 4 241-242 Ap '66.

CHEMICAL INDUSTRIES—CONGRESSES

All-Union forum of economists and chemists. I. V. Rakhlin, Khim. prom. 42 no. 4 311-312 Ap '66.

CHEMICAL INDUSTRIES—COSTS

Potentials for the lowering of the cost of production of fatty acids. P. D. Mitakhov, Masl.-zhir. prom. 32 no. 2 30-33 F '66.

CHEMICAL INDUSTRIES—FINANCE

Every workshop operates on a business accounting basis. A. V. Lashchuk, N. A. Khar'kov, Khim. i nef. mashinost. no. 1 39-52 Mh '66.

CHEMICAL MACHINERY

(see also subdivision under Armenia)

Potentials for using two-layer metals in chemical and petroleum machinery manufacturing. B. N. Shevelkin, D. I. Logunov, Khim. i nef. mashinost. no. 1:46-47 Ap '66.

Two-layer steels for chemical machinery manufacturing. S. A. Golovanov, L. V. Meandrov, Khim. i nef. mashinost. no. 4:17-20 Ap '66.

Using two-layer steels in chemical machinery manufacturing. V. K. Kharitonov, Khim. i nef. mashinost. no. 4 4-6 Ap '66.

CHEMICAL MACHINERY—MANAGEMENT

see subdivision under Sverdlovsk

CHEMICAL PLANTS see subdivision under Kharkov Province, Novomoskovsk

CHEMICAL PLANTS—DESIGN AND CONSTRUCTION

see subdivision under Kazakhstan

CHEMICAL PLANTS—EQUIPMENT AND SUPPLIES

Distribution of experimental equipment in pavilion-type buildings. A. N. Tolstov, O. I. Lobov, Stroi. i arkhit. Urb. 7 no. 2:30-31 F '66.

CHEMICAL PLANTS—FIRES AND FIRE PREVENTION

Emergency measures. P. Rafal, G. Rascheln, Pozh. delo no. 3:11-15 Mr '66.

Fire barrier for dissolved acetylene stations. I. I. Strizhevskiy, V. F. Zaknizov, V. A. Koval'skiy, Svar. i ploz. no. 2 42-44 F '66.

CHEMICAL PLANTS—MODELS

Assembling equipment and process plying on a model scale on building sites of the large-scale chemical industry. A. I. Khristalev, Mont. i spets. rab. v stroi. 25 no. 12:6-8 '63.

CHEMICAL PLANTS—SAFETY MEASURES

Phlegmatization of acetylene with cyclopentadiene. M. A. Glikin and others. Neftokhimiya 6 no. 1:101-104 Ja-F '66.

Safety conditions for the oxidation of toluene with atmospheric oxygen. S. A. Lantovskiy, I. U. Sidorina, M. V. Chernink, Neftokhimiya 6 no. 1:105-111 Ja-F '66.

CHEMICAL PLANTS—WATER SUPPLY

Water as a factor in the distribution of the chemical industry. N. A. Lashchuk, V. A. Vokhmanin, Plan. khoz. 43 no. 6:88-92 My '66.

CHEMICAL REACTION, HEAT OF

Heating steel blanks in molten glass. A. I. Kozlov, L. B. Efimova, Metalloved. i term. obr. met. no. 6:44-45 Je '66.

CHEMICAL REACTION, RATE OF

Chemical reactions occurring at temperatures near 77°K. G. B. Sergeev, Usp. khim. 35 no. 4:747-774 Ap '66.

Critical phenomena in degenerated branching chain reactions. N. M. Emanuel', A. B. Gagarina, Usp. khim. 35 no. 4:610-655 Ap '66.

Determinacy principle in chemical kinetics. V. N. Pisarenko, A. G. Pogorelov, N. F. Kononov, Dokl. AN SSSR 167 no. 4:859-862 Ap '66.

Determination of the rate constants of elementary reactions by the method of ignition limits. V. V. Azadjan, A. B. Naibandian, Zhur. VKHO II no. 2 162-166 '66.

Formation of radicals in reactions occurring between valence-saturated molecules. F. S. D'achkovskiy, A. E. Shilov, Usp. khim. 35 no. 4:699-713 Ap '66.

Free-radical elementary processes in chain reactions of liquid-phase oxidation. N. M. Emanuel'. Zhur. VKHO II no. 2:186-195 '66.

Free radicals and chemiluminescence. V. I. A. Shilapintokh, Usp. khim. 35 no. 4:684-698 Ap '66.

Integration of equations for chemical kinetics. I. F. Bakhareva, A. F. Krylov, Zhur. fiz. khim. 40 no. 4: 807-810 Ap '66.

Kinetics and mechanism of branching chain reactions in the gas phase. A. B. Naibandian, Usp. khim. 35 no. 4 567-610 Ap '66.

Kinetics and mechanism of reaction in strong concentrated acids. Part II. N. G. Zakharenko, M. I. Vinnik, Zhur. fiz. khim. 40 no 2 331-335 F '66.

Kinetics and mechanism of the reaction of ethylene oxide with acids. N. N. Lubeck, V. M. Kozlov, Zhur. org. khim. 2 no. 2:261-265 F '66.

Kinetics of ammonium perchlorate thermal decomposition. G. B. Maslov, I. I. Rubtsov, Zhur. fiz. khim. 40 no 4 770-771 Ap '66.

Kinetics of heterogeneous reaction between a solid substance and liquid accompanied by the formation of an insoluble solid phase. G. A. Arsel'mud, L. A. Pokhodenko, Zhur. fiz. khim. 40 no 2:346-350 F '66.

Kinetics of transformations of stannic acids studied by means of Mossbauer effect. V. N. Dubinin and others. Teoret. i eksper. khim. 2 no. 1:140-131 '66.

Mechanism of activation and nonequilibrium functions of distribution in monomolecular reactions. F. E. Nikitin, Teoret. i eksper. khim. 2 no. 1:19-25 '66.

Method of investigating the kinetics of rapid exothermic reactions. V. F. Zhilin and others, Zhur. fiz. khim. 40 no 2 561-566 F '66.

Radical mechanism of phenol transformation in a hydrocarbon medium. V. N. Vetchinkina, Z. K. Mazurek, N. M. Emanuel'. Zhur. fiz. khim. 40 no. 1 762-765 Ap '66.

Reaction kinetics of ammonium persulfate with ferrous oxide. S. A. Balabanova, A. M. Markovich, Zhur. fiz. khim. 40 no. 4 775-780 Ap '66.

Report No. 2: Theoretical principles of the use of amperometry in the kinetic methods for determining molybdenum and some other elements (survey). V. P. Rozenblum, I. G. Shafran, Trudy IREA no. 27:189-207 '65.

Thermal decomposition of cobalt formate with additions. B. V. Erastov, M. V. Maerava, I. A. Mastavala, Vestn. AN DSSR, Ser. khim. nav. no. 4:5-8 '65.

Use of a rotating disk electrode with a ring for studying the kinetics of complex electrochemical reactions. L. N. Nekrasov, Elektrokhiya 2 no. 1:138-145 Ap '66.

CHEMICAL REACTIONS

Device for studying the kinetics of reactions of solids. V. V. Vasilov, V. P. Dvorzhovich, Zav. lab. 31 no 6 766 '65.

Estimation of the unknown parameters of equations of chemical kinetics. E. A. Feigin, I. A. Kogan, Zav. lab. 31 no 7 844-851 '65.

Use of the principle of the maximum in determining the optimal temperatures of a reducible exothermic reaction. V. S. Beslov, M. G. Silin'ko, A. V. Fedotov, Diak. anal. no. 4:60-74 '65.

CHEMICAL REACTIONS—THERMODYNAMICS

Some aspects of the thermodynamics of fuel molecular reactions. E. S. Rudkov, Teoret. i eksper. khim. 2 no. 1:44-51 '66.

Thermodynamics of chemical reactions taking place during the saturation of metal surfaces with some elements. G. N. Veselova and others. Izv. AN SSSR, Neorg. mat. 2 no. 3:413-417 Mr '66.

CHEMICAL REACTORS

Development and study of a circular reactor as applicable to the synthesis of alkyl resins with the azotropic film method. L. N. Luchanskii, N. I. Galt'perin, Lakokras. mat. i kh. prim. no 2:55-58 '66.

Efficiency of the use of apparatus with agitators as a polymerization apparatus under conditions of high tonnage production. A. P. Kapustin, Trudy NIKHIMMASH no. 4:42-51 '64.

Gas bubbling through viscous fluids (applicable to reactors for the polymerization of ethylene). V. V. Konetsov, Trudy NIKHIMMASH no. 4:97-105 '64.

Ionization of liquid-phase catalytic hydrogenation in apparatus with mechanical mixing. N. E. Vlashevskiy and others. Masl.-zhir. prom. 32 no. 3:17-20 Mr '66.

Liquid-phase chlorination of nitrobenzene in a sectional apparatus. V. I. Zetkin and others. Khim. prom. 42 no. 4:260-262 Ap '66.

Multichannel programming device for assignment setting in temperature regulators in the synthesis of lacquer resins. I. U. P. Zolkin, V. T. Mokhlin, Lakokras. mat. i kh. prim. no. 2:60-63 '66.

Multisection reactor for continuous liquid-phase oxidation of hydrocarbons. N. M. Lebedeva and others. Masl.-zhir. prom. 32 no. 2:43-45 F '66.

Production of m-chloroaniline by the reduction of m-chloronitrobenzene with sodium disulfide in apparatus with continuous action. G. A. Timokhin, B. I. Kissin, Khim. prom. 42 no. 4:258-260 Ap '66.

Systems for automatic feeding of raw materials to chemical reactors. I. U. P. Zolkin, V. N. Solov'ev, Lakokras. mat. i kh. prim. no. 2:58-59 '66.

CHEMICAL REACTORS—TESTING

Macrokinetics of the circulation diluting of reagents by transformation products. A. P. Zinovleva, D. I. Orochko, Khim. i tekhn. topl. i masel. 11 no. 3:14-21 Mr '66.

CHEERY—DISEASES AND PESTS see subdivision under Moldavia

CHEST—DISEASES

Plastic surgery for extensive defects of the thoracic wall using synthetic materials, experimental clinical study. N.A. Polinaskil, B.V. Alekseev. *Grud. khdi.* 8 no. 1 105-100 Ja-F '66.

CHEST—INNERVATION

Changes in the activity of the nerves of the chest and abdomen during respiration under excessive intrapulmonary pressure. V.A. Safonov, G.G. Chernova, M.V. Kizyon. *Fiziol. zhur.* 52 no. 4 403-410 Ap '66.

CHEST—SURGERY

Syndrome of peripheral spasm and the centralization of blood circulation in thoracic surgery. L. P. Chelkii, A.A. Tsyganil. *Khirurgiya* 42 no. 1 45-52 Ap '66.

CHEST—WOUNDS AND INJURIES

Ruptures of the thoracic duct in blunt traumas of the chest. O.A. Umbrumants. *Khirurgiya* 42 no. 1 110-117 Ap '66.

CHESTNUT

Isolation of flavonoids from the fruit and leaves of the horse chestnut. V.N. Spirydonov. *Farmatsev. zhur.* 19 no. 3 19-22 '64.

CHEVKINITE

Chevkinite-parrotite. I.T. Aleksandrova, A.M. Portnov. *Geol. mest. i ed. etem.* no. 20 129-147 '66.

CHIATURA (GEORGIA)—MANGANESE MINES AND MINING

Studying the elastic properties of rock samples to determine the nature of the state of stress in the Chiatura manganese massif. M.P. Volavich and others. *Iz. tekhn. prob. razrab. pol. iskop.* no. 1 3-11 '66.

CHIATURA REGION (GEORGIA)—ORE DEPOSITS—MICROBIOLOGY

Presence of specific "manganese" bacteria in soils of the Chiatura ore deposits. N.A. Dushellia, T.G. Itskhidze. *Soob. AN Gruz. SSR* 41 no. 3 667-692 Mh '66.

CHICKEN POX IN POULTRY

Interaction of the fowl pox virus with the cells of the chorionallantois of chicken embryos. V.M. Apatenko. *Veterinaria* 42 no. 3 31-37 Mr '66.

CHIGGERS (MITES) see subdivision under Krasnodarsk Territory; Turkmenistan

CHILD MARRIAGE see subdivision under Caucasus

CHILD STUDY

Character and abilities. S.V. Kondrat'eva. *Rad. shk.* 44 no. 3 30-42 Mr '66.

CHILDREN—CARE AND HYGIENE

Born for happiness. D. Orlova. *Sem'ia i shkola* 21 no. 2 2-3 F '66.

Mamkova, V.N., and I.A. Utkova. [Prevention of nervousness in children] *Preduprezhdenie det'skoi nervoznosti*. Moskva, Meditsina, 1965. 27 p. (Nauchno-populiarnaya meditsinskaya literatura) (DNLM)

CHILDREN—DISEASES

Late aftereffects of infectious hepatitis (Bolkin's disease) among children. O.I. Ichevitchvili. *Soob. AN Gruz. SSR* 41 no. 2 177-183 F '66.

CHILDREN—LANGUAGE

First stage in the formation of a child's speech. R.V. Tonkova-Iampol'skaya. *Zhur. vyzn. i issled.* 10 no. 2 351-356 Mr-Apr '66.

CHILDREN—LAW

Qualification criteria of sex crimes against minors under the Criminal Code of the R.S.F.S.R. P.P. Osipov. *Vest. LGU* 21 no. 5 151-155 '66.

CHILDREN—MANAGEMENT

Child of preschool age. E. Shumilin. *Sem'ia i shkola* 21 no. 3 12-14 Mr '66.

Efficacious words. P. Ippolitov. *Sem'ia i shkola* 21 no. 3 8-20 Mr '66.

For a system of child training in a school. B.I. Korotalev. *Rad. shk.* 44 no. 4 63-60 Ap '66.

A frank talk. Elena Kononenko. *V mire knig* 6 no. 3 7 Mr '66.

Kravetski, D.P. [This did not need to happen] *Eto go moglo ne sluchitsya*. Moskva, Znaniye, 1966. 70 p. (Narodnyi universitet; Pedagogicheski fakul'tet, no. 3)

Pedagogical guidance in the development of a children's collective. V.M. Maluzyn'skiy. *Rad. shk.* 44 no. 3 83-88 Mr '66.

Problem of children's collectives in the works of N.K. Krupskaya. V.D. Pronkova. *Rad. shk.* 44 no. 4 10-18 Ap '66.

Spiritual leader of students. S.M. Polhorodnyk. *Rad. shk.* 44 no. 2 89-98 F '66.

CHILDREN—NUTRITION

(see also subdivision under Ukraine)

Vodushko, V.F. [Nutrition of preschool and primary school age children] *Pitaniye detei doshkol'nogo i nachal'nogo shkol'nogo vozrasta*. Moskva, Meditsina, 1965. 21 p. (Nauchno-populiarnaya meditsinskaya literatura)

CHILDREN—RELIGIOUS LIFE see subdivision under Altai Territory

CHILDREN—SURGERY

Resection of a kidney with multiple serous cysts in a nursing infant. E.A. Ostropovskaya, V.M. Malinina. *Urologiya* no. 1 55-56 '65.

Surgical treatment of mitral stenosis in childhood and adolescence. N.N. Malinovsky, G.V. Gromova, T.I. Zangail. *Khirurgiya* 42 no. 4 21-26 Ap '66.

CHILDREN'S CLOTHING

Sports clothes. N. Nemtseva. *Sem'ia i shkola* 21 no. 3 61 Mr '66.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S NEWSPAPERS

It still is young on its 10th birthday. S. Iudin. *Mol. tovar.* no. 3 119-121 Mh '65.

CHILE—CENTER PARTIES

Invincible force. O. Astudillo. *Sov. profsoyuz* 22 no. 8 29-32 Ap '66.

CHILE—COMMUNIST YOUTH

We shall devote our youthful energy to the liberation of our people. Luis Sanchez. *Mol. tovar.* no. 6 81-83 Ja '64.

CHILE—DESCRIPTION AND TRAVEL

Chilean summer (conclusion). Margarita Allgeier. *Nov. i mit* 41 no. 3 167-193 Mh '63.

CHILE—TRADE UNIONS

Invincible force. O. Astudillo. *Sov. profsoyuz* 22 no. 8 29-32 Ap '66.

CHIMKENT—LEAD INDUSTRY—MANAGEMENT

Based on the establishment of technical norms. L. Onufriev. *Nar. khoz. Kazakh* 24 no. 1 32-33 Ja '66.

CHIMKENT—POWER PRESSES

Chimkent mechanical engineers improve their production. A.I. Tsvilikhovskii, V.I. Stupnikov. *Mashinostroyeniye* no. 1 8-10 Ap '66.

CHIMKENT PROVINCE—CORN (MAIZE)

Use of herbicides in cornfields. K.I. Pak. *Vest set'khoz. nauk* [Kazakh] 9 no. 3 19-53 Mr '66.

CHINA—ECONOMIC CONDITIONS

The economic situation of Mongolia and China in the 13th and 14th centuries. N.T.S. Munkuev. *Krat. soob. Inst. nat. iz.* no. 76 136-153 '65.

CHINA—EROSION

Characteristics of relief development in the humid tropics and subtropics. V.G. Lebedev. *Vest. Mosk. un. Ser. 5: Geog.* 21 no. 2 62 70 Mr-Apr '66.

CHINA—INVESTMENTS, BRITISH

History of English imperialist aggression in China during the Russo-Japanese War of 1904-1905. P.I. Ostrikov. *Urb. zap. MGPI* no. 205 211-240 '61.

CHINA—MILITARY POLICY

Soviet Asia with regard to its new geopolitical and strategic situation. N.A. Gains. *Soob. Inst. po vuzh. SSSR* no. 3 3-27 '65.

CHINA—THEATER

The "Theater association" and Hung Shen. E.V. Mal'tseva. *Trudy BKNII* no. 10 161-161 '65.

CHINESE DRAMA—HISTORY AND CRITICISM

History of Chinese spoken drama in the 1920's and 1930's. E.V. Mal'tseva. *Trudy BKNII* no. 10 145-150 '65.

CHINESE LANGUAGE—MACHINE TRANSLATING

Grammatical ambiguity in automatic translating from Chinese to Russian, according to materials of machine experiments. T.M. Mikitina. *NTI* no. 2 30-33 '66.

CHINESE LANGUAGE—WORD FREQUENCY

Zherobin, V.M. [System of word classes for the automatic analysis of Chinese text] *Sistema klassov slov dlia avtomaticheskogo analiza kitaiskogo teksta*. Moskva, In-t tekhn. mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1964. 30 p. (Elektronnyye vychislitel'nye mashiny) (MH)

CHINESE PHILOSOPHY see Philosophy, Chinese

CHIRCHIK (UZBEKISTAN)—AGRICULTURAL MACHINERY INDUSTRY—MANAGEMENT

On the eye. B. Bezrukov. *Ekon. i zhizn'* 8 no. 3 30-34 Mr '66.

CHISTOPOL' (TAJIK ASSR)—COURTS

How we reduced the number of civil cases. V. Tikhonov. *Sov. iust.* 30 no. 8 24 Ap '65.

CHITA—HYPERTENSION

Some data on the course of hypertension in Chita. V.A. Nesyetova, M.A. Rudenko. *Nek. vop. klin. i kraev. pat.* no. 4 7-9 '65.

CHITA—INFANTS—GROWTH

Physical development of infants in Chita during their first year of life. V.A. Grishina. *Nek. vop. klin. i kraev. pat.* no. 4 52-54 '65.

CHITA—KIDNEYS—DISEASES

Course of acute nephritis in Chita. P.D. Rabinovich, V.A. Nesyetova, N.I. Taraskina. *Nek. vop. klin. i kraev. pat.* no. 4 31-33 '65.

CHITA—VITAMINS

State of the sources of vitamins A, C, and P for the populations of the city of Chita and the Aginskoye Burlat National Area. V.V. Maksimov, V.I. Luitsev. *Nek. vop. klin. i kraev. pat.* no. 4 5-6 '65.

CHITA PROVINCE—ORE DEPOSITS

Oxidation zone of the Udekyn deposit. F.V. Pramyshn'tsev. *Geol. iud. mestoirozh.* 8 no. 2 113-115 Mr-Apr '66.

CHITA PROVINCE—PARASITES—RODENTS

Fauna of fleas of the rodents of the Olekma-Vitim mountainous country. I.U. Ochirov, A.S. Bondarchuk. *Nek. vop. klin. i kraev. pat.* no. 4 80-83 '65.

CHITA PROVINCE—SALT LAKES

Salt composition of water in lakes of the Torey group. N.A. Shmidtberg. *Vest. Mosk. un. Ser. 5: Geog.* 2 no. 2 96-102 Mr-Apr '66.

CHILAMYDOZON

Nucleotide composition of nucleic acids in the trachoma pathogen (strain A19). I. R. Bishkina, N.A. Ugoleva, A.A. Shatkin. *Vop. med. khim.* 11 no. 3 95-97 My-Je '65.

CHLORAL

Identification and quantitative determination of impurities in chloral. L.S. Boguslavskaya, N.A. Kartashova, A.N. Baranzina. *Zhur. prikl. khim.* 39 no. 1 232-234 Ja '66.

CHLORIDES

Determination of microgram amounts of chlorine ions in weighed portions of cadmium selenide. Kh. I. Kokk, A.L. Bystritskiy, V.B. Alekseyev. *Zav. lab.* 32 no. 4 44-45 '66.

Interaction of gallium chlorides with beryllium, magnesium, calcium, and barium chlorides. P.I. Fedorov, S.K. Nedev, Liu Go-luan' [Liu Kuo-yuan]. *Zhur. neorg. khim.* 11 no. 2 405-410 F '66.

Rapid method for the determination of some chlorine-containing pharmaceutical preparations using calomel in the capacity of gravimetric form. M.I. Tarasenko, S.M. Ionin. *Trudy I-go MMI* 17:225-237 '62.

Synthesis of silicates in the system $\text{CaCO}_3 - \text{MgCO}_3 - \text{SiO}_2 - \text{H}_2\text{O}$ at 540° and 160 atm in the presence of calcium and magnesium chloride additions. D.V. Kalinin, G.G. Likhova. *Geol. i geofiz.* no. 1 21-31 '66.

Theory of wear of a porous graphite anode in a chloride electrolyte. L.I. Krutalik. *Elektrokhimiya* 2 no. 4 393-401 Ap '66.

CHLORINATION

Liquid-phase chlorination of nitrobenzene in a sectional apparatus. V.I. Zelkin and others. *Khim. prom.* 42 no. 4 260-262 Ap '66.

Preparation of p-vinyl chloride and p-xylylene dichloride by the chlorination of p-xylene. N.K. Moschinskaya, V.S. Kravtsov, A.M. Karaleev. *Zhur. prikl. khim.* 39 no. 2 137-138 F '65.

CHLORINE

Use of chlorine in the regeneration of aluminum-platinum catalysts. G.N. Maslitskiy and others. *Khim. i tekhn. topl. i masel* 11 no. 3 1-5 Mh '66.

CHLORINE—ANALYSIS

Determination of trace amounts of chlorine and sulfur in monomers and polymers. D.B. Gurvich and others. *Zav. lab.* 32 no. 4 408-410 '66.

CHLORINE—EFFECT ON PLANTS see Plants, Effect of chlorine on

CHROMIUM HYDROXIDES

Highly concentrated colloid solutions of aluminum and chromium hydroxide sols. A. L. Batanov, M. F. Shchegolev, I. N. Kuznetsov. Trudy Inst. Khim. AN Gruz. SSR. 17:125-134 '64.

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-LIQUID IRON ALLOYS see Liquid iron-chromium alloys

CHROMIUM-MANGANESE-NICKEL STEEL

Chromium-manganese-nickel steel with nitrogen content for outlet valves of internal combustion engines. K. A. Veinert and others. Avt. prom. 72 no. 13:31-33 '66.

CHROMIUM-NICKEL-ALUMINUM ALLOYS see Nickel-chromium-aluminum alloys

CHROMIUM-NICKEL-IRON ALLOYS see Nickel-chromium-iron alloys

CHROMIUM-NICKEL STEEL—CORROSION

Oxidation of chromium-nickel steel in sulfur dioxide at high temperatures. M. G. Vladimirova, D. V. Zheltukhin, V. F. Nizhelskii. Zhur. prikl. khim. 39 no. 1:132-137 '66.

CHROMIUM-NICKEL STEEL—METALLOGRAPHY

Structural changes in centrifugally cast pipe ingots in Kh18Ni9Ti steel during homogenization, and influence of these changes on their plasticity under hot conditions. N. S. Alfaeva, N. S. Pishchik, Prirod. nauch. no. 15:84-88 '66.

CHROMIUM PLATING

High-speed vacuum-coated chromium plating of cylindrical parts. I. A. Dvornik, I. A. Korovin, Trudy NITIMasha no. 1:22-30 '65.

CHROMIUM PLATING—TESTING

Wear resistance of the chromium plating of a ring under the effect of pressure in various rates. B. N. Pavlov. Fiz.-khim. mekh. mat. 2 no. 1:92-93 '66.

CHROMIUM STEEL

Determination of phosphorus in high chromium steels. K. A. Spukov. Zav. lab. 31 no. 5:552-553 '65.

CHROMIUM STEEL—ANALYSIS

Determination of chromium in alloyed steels by amperometric titration with two indicator electrodes. A. I. Iltchenko. Zav. lab. 32 no. 3:287 '66.

Determination of nitrogen in a solid solution and the differential analysis of nitrides in chrome steel. I. A. Khlachko, I. I. Levi, O. M. Borisova. Zav. lab. 32 no. 3:273-275 '66.

CHROMIUM STEEL—HARDENING

Regularities of the rate of diffusion and coagulation of carbides in the chromium steel during a continued effect of high temperatures. T. I. Krut'kova. Izv. AN SSSR. Met. no. 2:91-99 Mr-Apr '66.

CHROMIUM STEEL—METALLURGY

Mathematical expression of kinetic regularities of the simultaneous oxidation of carbon and chromium during the blowing of a high-chromium bath by oxygen. D. I. Kadnikov and others. Izv. vuz. ucheb. zav. i. chem. met. 9 no. 4:61-70 '66.

Oxidation of chromium and carbon during the blowing by oxygen of a high-chromium metal. A. E. Kogan, A. M. Iovin. Izv. vuz. ucheb. zav. i. chem. met. 9 no. 4:71-75 '66.

CHROMIUM STEEL—NITROGEN CONTENT

Effect of nitrogen on the structure and properties of austenitic chromium-manganese and chromium-manganese-nickel steels. P. N. Tavazde, V. A. Prikhodko, N. L. Khrushchinskii. Soob. AN Gruz. SSR. 41 no. 2, 3:99-405 '66.

CHROMIUM STEEL—WELDING

Influence of welding heat cycle on the properties and phase constitution of 30Kh18G10 steel. V. P. Pivovarov, M. I. Razikov. Avtom. svar. 19 no. 3:11-14 '66.

Properties of the weld metal and of the heat-affected zone following the electric slag welding of 15Kh2MF steel. I. U. V. Shapovalov, V. S. Sizov, I. F. Trofimov. Svar. protse. no. 2:27-29 '66.

CHROMOSOME NUMBERS

Chromosome numbers in mosses from Kazakhstan and Tadzhikistan. A. S. Lazarenko, I. E. M. Lesnink. Dop. AN URSS no. 3:407-411 '66.

Comparative chromosomal characteristics of two transplanted tumors in rats. N. S. Kiseleva and others. Vop. onk. 10 no. 11:61-68 '66.

Immediate tasks in the karyological study of mosses of the Ukraine. O. I. Vysotska. Ukr. bol. zhur. 23 no. 2:45-48 '66.

CHROMOSOMES

Effect of virus on the chromosomal transformations and mitotic activity in the cells of a human tissue culture. V. V. Vashkova, V. M. Zhdanov. Vop. virus. 11 no. 1: 91-93 Jan-F '66.

Frequency of X-ray induced chromosome breaks in various stages of spermatogenesis in *Drosophila melanogaster*. K. V. Vattu. Genetika no. 3:98-105 '66.

Inactivation of X-chromosomes in the somatic cells of mammals. L. L. Liberman. Usp. sov. biol. 61 no. 2, 260-273 Mr-Apr '66.

Normal karyotype in mice of highly leukemic AKR strain. I. L. Gol'dman, I. I. Smirnov, G. A. Vilkins. Biol. eksp. Mol. med. 61 no. 2:97-101 '66.

Study and utilization of haploidy and polyploidy in corn breeding. B. F. Iudin, M. N. Khvalova. Genetika no. 3, 60-67 '66.

CHRONAXIA

Use of chronaximetry in studying the effect produced on the vegetative centers of the brain by a mixture of adrenaline, novocaine, and ethyl alcohol solutions injected into the cerebrospinal fluid through a suboccipital puncture. B. B. Bushkov, A. S. Aladyskhin. Uch. zap. KVU. 92:125-131 '64.

CHRYSLITE

Structure of chryslite. I. U. A. Berlin and others. Dokl. AN SSSR. 167 no. 5:1051-1056 Apr '63.

CHU VALLEY—CORN (MAIZE)

Effect of the density of the crop stand on the yield of corn in the piedmont zone of the Chu Valley. I. A. Zhdanov. Biol. KirgNTS no. 5:13-17 '60.

CHU VALLEY—CORN (MAIZE)—FERTILIZERS AND MANURES

Mineral nutrition of corn in meadow soils. N. I. Kuznetsov. Biol. KirgNTS no. 5:29-38 '60.

Use of the method of determining the nutrition requirements of sugar beets and corn under irrigation in the Chu Valley. A. I. Borbus. Biol. KirgNTS no. 5:57-63 '60.

CHU VALLEY—FOG

Fogs in the Chuya Valley preceding the emergence of southern cyclones. E. S. Striba. Nauch. trudy TashGU no. 259. Fiz. nauk. no. 23:131-146 '64.

CHU VALLEY—SOILS—ZINC CONTENT

Zinc content of soils in the Chu Valley. T. A. Frielev. Biol. KirgNTS no. 5:67-71 '60.

CHU VALLEY—SUGAR BEETS—FERTILIZERS AND MANURES

Effect of boron-magnesium fertilizers on the sugar content of commercial sugar beets. M. A. Zorin. Biol. KirgNTS no. 5:93-96 '60.

Use of the method of determining the nutrition requirements of sugar beets and corn under irrigation in the Chu Valley. A. I. Borbus. Biol. KirgNTS no. 5:57-63 '60.

CHUBARTAUSSKII DISTRICT—FEEDS

Some problems of the development of feed supply in Ayaz and Chubartaukskii Districts of Semipalatinsk Province. A. S. Leon'teva. Vest. sel'khoz. nauk [Kazakh] 9 no. 3:7-13 Mr '66.

CHUBUKOV, LEONID ALEKSANDROVICH, 1900-

Leonid Aleksandrovich Chubukov; on his 60th birthday. B. L. Dzerdzhevskii and others. Izv. AN SSSR, Ser. geogr. no. 2:139 Mr-Apr '66.

CHUCKS

Investigating the demand of chucks with variable precipitation. N. P. Solnyshkin, N. M. Sokolov. Stan. i. instr. 37 no. 4:39-40 Apr '66.

Quick-acting self-clamping chuck. I. B. Bank. Mashinostroitel' no. 4:21 Apr '66.

CHUKCHI PENINSULA—GEOLOGY

Tectonics and the history of the development of the Okhotsk-Chukchi volcanic belt. V. F. Belyi, S. M. Tikhman. Geotektonika no. 2:83-94 Mr-Apr '66.

CHUKIRAI, GRIGORII NAUMOVICH, 1921-

Shneiderman, I. I. Grigorii Chukhrai, Leningrad, Iakus'tvo, 1965, 224 p. illus. (Mastershinokhokusstva)

CHULYM VALLEY—MOSQUITOES

Study of the ecology of mosquitoes (Diptera, Culicidae) in the Chulym Valley. P. E. Pollakova, A. G. Mirzayeva. Med. paraz. i. paraz. bol. 35 no. 1:35-38 Jan-F '68.

CHUMAK, VASYL', pseud. see Chernenko, Vasyi'

Iurilovych, 1900-1919

CHUVASH LANGUAGE—GRAMMAR, COMPARATIVE—CHEREMES

Fedotov, M. R. [Historical ties of the Chuvash language with the languages of Finno-Ugrians in the Volga Valley and in Perm] Istoricheskie svyazi chuvashskogo iazyka s iazykami ugro-finnov Povolzh'ia i Permi. Chobokary, Chuvashizdat.

Pt. I. Baskakov, N. A., ed. [Chuvash-Mar' ties] Chuvashsko-mar'skie svyazi. 1965. 159 p.

CHUVASHIA—AGRICULTURAL WAGES

In order to have everybody interested. L. Nikolaev. Sov. profsoyuz. 22 no. 8:11-13 Apr '65.

CHUVASHIA—AGRICULTURE—FINANCE

Bring order to the financing of work in the improvement of collective and state farmlands. V. P. Ivanov. Izv. SSSR. 10 no. 4:66-68 Apr '66.

CHUYRYN, M. E., 1883-1947

Errors in biographical sketch. L. P. Nahorna. Ukr. ist. zhur. 8 no. 1:159 '64.

CHYLOMICRONS

Chylomicrons and their physiological role, survey of the literature. L. G. Akkerman, A. N. Kilmov. Vop. pit. 25 no. 1:3-15 Jan-F '66.

CHYLOTHORAX

Postoperative chylothorax in congenital heart defects. A. I. A. Nezhukto, M. A. Pronina, I. S. Kausev. Grud. khir. 8 no. 1:56-61 Jan-F '66.

CIENTFUEGOS, CAMILO, 1932-1959

Zorina, A. M. [Camilo Cienfuegos, a hero of the Cuban revolution] Kamilo S'enfuegos - gerol kubinskoi revoliutsii. Moskva, Nauka, 1966. 69 p. (Nauchno-popul'naya seriya)

CINNABAR

(see also subdivision under Dniester Valley)

Some data on the transfer of mercury into a solution during the interaction of cinnabar with solutions of varying acidity. K. A. Vorobiova and others. Geol. zhur. 26 no. 1:115-116 '66.

Transformation of cinnabar into metacinnabarite under dynamic effects. V. I. Vasil'ev. Geol. i. geofiz. no. 4: 143-146 '64.

CINQUE FOIL

Study of tannins from the cinquefoil *Comarum palustre* L. A bound form of tannin. G. N. Naumchik, P. E. Rozentsvaig. Ant. delo. 13 no. 6:27-28 N-D '61.

CIPHER AND TELEGRAPH CODES—METEOROLOGY

Method of coding the values of meteorological parameters. V. A. Titov. Trudy NIIGMP no. 13:155-159 '65.

Selection of the elements of Morse code changing the information transmission rate. A. L. Zlatin. Trudy NIIGMP no. 13:141-154 '65.

CIRCULAR SAWS—STANDARDS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mei i izmeritel'nykh priborov. [Solid cutters and segment saws] Frezy tsel'nye i pily segmentnye (MN 390-05—MN 392-05, MN 394-05—MN 417-05, MN 5000-05—MN 5010-05). Moskva, Izd-vo Standartov, 1965. 179 p. (SSSR. Normali mashinostroyeniia)

CITIES AND TOWNS see subdivision under Chelyabinsk Province, Ukraine

CITIES AND TOWNS, ANCIENT see subdivision under Black Sea region

CITIES AND TOWNS, RUINED EXTINCT, ETC. see subdivision under Azerbaijan

CITRIC ACID

Study of intermolecular reactions of ternary systems involving citric acid by the methods of physicochemical analysis. G. I. Vasil'eva, N. F. Ermolenko, V. V. Sachuk. Vest. AN SSSR, Ser. khim. nav. no. 4:126-128 '65.

CITRUS FRUITS see subdivision under Black Sea region

CITRUS FRUITS—FERTILIZERS AND MANURES

Nitrogen fertilizers in the culture of citrus plants. I. D. Gamkrelidze. Subtrop. kul'. no. 4:53-79 '65.

CITY PLANNING

(see also subdivision under Bratsk, Irkutsk Province; Kharkov, Kharkov Province; Moscow, Nizhnekamsk, Tatar A. S. S. R., Pervomaysk, Ukraine, Rostock, East Germany)

Khorkhot, A. I. A. [Planning organization of urban industrial areas] Planirovka i organizatsiia gorodskikh promyshlennikh territorii. Kiev, Budivelnik, 1966. 260 p.

Kiev. Nauchno-issledovatel'skii i proektnyi institut gradostroyeniia. [City planning: The planning and building of cities] Gradostroyeniia: Planirovka i za-stroika gorodov. Kiev, Budivelnik, 1966. 182 p. (Mezhvedomstvennyi respublikanskiy nauchnyi sbornik)

Revival of architecture. Feliks Novikov. Nov. mir. 42 no. 3:202-220 Mr '66.

CIURLIONIS, MIKALOJUS KONSTANTINAS, 1875-1911

Gaudrimas, J., and A. Savickas. M. K. Ciurlionis. Vilnius, Vaga, 1965. 107 p. illus. [In Lithuanian] Landsbergis, V. [Spring sonata] Pavasario sonata. Vilnius, Vaga, 1965. 351 p. [In Lithuanian]

CIVIL DEFENSE

Civil defense in the NATO countries. L. Korzun. Voen. znan. 42 no. 5:30-29 My '66.

CIVIL DEFENSE (Continued)

- Methods of protecting products, plants, animals, fairs, and other sources. A. M. Pashin, *Voen znani* 42 no. 4 24-26 Ap '66.
- On the protection of objects. V. M. Fedorov, *Voen znani* 42 no. 4 27-28 Ap '66.
- Protective measures. *Voen znani* 42 no. 5 1-3 My '66.
- What is the best way to protect? R. M. Fedotkin, *Voen znani* 42 no. 5 25-26 My '66.

CIVIL DEFENSE—EQUIPMENT AND SUPPLIES

- Let's talk about logistic support. V. O. Shchegolev, *Voen znani* 42 no. 1 19 Ap '66.

CIVIL DEFENSE—STUDY AND TEACHING

- Comments. "Sharp eye." A. S. Solov, *Voen znani* 42 no. 1 22-23 Ap '66.
- The duration of training. O. Chinnikov, K. O. Likhin, *Voen znani* 42 no. 3 1-15 My '66.
- Intensive combat readiness. *Voen znani* 42 no. 1 14-15 Ap '66.
- It is desirable to do it so... M. Shutoy, *Voen znani* 42 no. 1 20-21 Ap '66.
- Not only figures are important. K. Kotlov, *Voen znani* 42 no. 3 22 My '66.
- How to train. V. Pupo, *Voen znani* 42 no. 5 31 My '66.

CIVIL LAW

- Russia (1923—U. S. S. R.) TS. khuz'nyi metodicheskii kabinet po srednemu spetsial'nomu obrazovaniiu (Fundamentals of Soviet civil and labor law, program for secondary specialized schools in the field of economics) Osnovy sovetskogo grazhdanskogo i trudovogo prava, programma dlia srednikh spetsial'nykh uchebnykh zavedenii po ekonomicheskim spetsial'nostiam, Moskva, 1965. 26 p.

[MICROFILM]

CIVIL LAW—CASES

- Decision of the Plenum of the Supreme Court of the U. S. S. R. in individual cases. *Biul' Verkh Suda* no. 3 25-32 '65.
- Decisions of the Plenum of the Supreme Court of the U. S. S. R. in individual cases. *Biul' Verkh Suda* no. 1 10-26 '66.

CIVIL PROCEDURE

- Decision No. 13 of the Plenum of the Supreme Court of the U. S. S. R. of December 29, 1955, entitled "Court instructions on the Decree of the Plenum of the Supreme Court of the U. S. S. R. of December 10, 1955." *Biul' Verkh Suda* no. 1 16-17 '66.
- On a subject of the Soviet civil procedure law. N. I. Andreev, *Sovetsk. Vest LGU* 21 no. 5 115-125 '66.

CIVIL RIGHTS see subdivision under Lithuania

CIVILIZATION AND TECHNOLOGY see Technology and civilization

CLASSIFICATION—BOOKS

- Bourgeois ideology in the theory and practice of library classification in capitalist countries. Z. N. Ambartsumian. *Bibliotekoved i bibliotekar* no. 15 78-89 '63.

CLASSIFICATION, DECIMAL

- Universal decimal classification for scientific technical literature. D. S. Mel'sandro. *Vest mashinost.* 46 no. 4 93-95 Ap '66.
- Universal decimal classification. *Transp i kha an nchil i ntepprod* no. 9 32-34 '65.

CLAY

- (see also subdivision under Akhaltsikhe region, Georgia, Caspian Sea, Caspian Sea region, Kopetdag, Ukraine)

- Change in the properties of light turf-Podzolic soils due to the influence of clay. V. N. Simakov, A. A. Nizova, *Agrophimila* no. 4 80-85 Ap '66.

- Determination of visco-plastic parameters of clays in a wide range of dispersed phase concentration change. A. V. Bagrov, *koll. zhur.* 28 no. 2 179-183 Mr-Apr '66.

- Instruments and methods of investigation of the rheological properties of clay soils. N. V. Zlukov, A. M. Gulkin, *Inzh.-fiz. zhur.* 10 no. 3 396-404 Mr '68.

CLAY—ELASTIC PROPERTIES

- Testing the elastic properties of clays by means of a shearing apparatus. N. V. Zhukov, A. M. Gulkin, *koll. zhur.* 28 no. 2 218-224 Mr-Apr '66.

CLAY—PERMEABILITY

- Water's part in the process of expanding clay. N. S. Mamonova, S. M. Sukhanova. *Sbor. trud. VNIISTROM* no. 1: 3-11 '64.

CLAY MINERALS

- Effect of ultrasonics on structure-forming processes in clay mineral dispersions treated with electrolyte-peptizers. F. D. Ovcharenko, and others. *Dop. AN URSSR* no. 3 397-399 '68.

CLEANING COMPOUNDS

- Instrument for determining composition viscosity. I. Kh. Paronuts and others. *Mash. zhur. prom.* 32 no. 2 31-35 F '66.
- Optimum conditions of the removal of nonsulfonated compounds from alkyl sulfates. G. I. Moskvina, L. V. Iatsenko, *Mash. zhur. prom.* 32 no. 2 13-14 F '66.

CLEARING OF LAND—EQUIPMENT AND SUPPLIES

- Analizing the existing methods for reclaiming virgin swampy and peat shubby lands. I. M. Bashilov, *Uch. zap. LSI III* no. 1 125-137 '64.

CLEARWING MOTHS

- Biology of the currant clearwing moth *Synanthedon tipuliformis*. V. V. Man'ko. *Vestsi AN BSSR. Ser. sel'kosp. nav.* no. 4 70-76 '65.

CLEPKS (PETAIL TRADE)

- Behind the counter. V. Putlatina. *Sov. profsoyuz* 22 no. 7 31-34 Ap '66.

CLIMACTERIC

- Central mechanism of the vegetative changes in the symptom complex of female pathological climacteric. O. F. Makarchenko, V. F. Salenko-Lubinskaya. *Fl. i ol. zhur. [Ukr.]* 10 no. 6 710-755, N-D '64.

CLIMATOLOGY, MEDICAL

- (see also subdivision under Crimea, Transbaikalia)

- Comparative data on the study of skin temperature in man in different climatic zones. P. A. Zolotov, *Nek. vop. klim. i kraev. pat.* no. 4 48-50 '65.

- Diurnal rhythm in the pathology of the cardiovascular system and its characteristics during various seasons. V. V. Kokhanskii, A. G. Sibirnikov, *Nek. vop. klim. i kraev. pat.* no. 4 10-12 '65.

- Effect of climate on the course of acute appendicitis. V. A. Kozlov and others. *Nek. vop. klim. i kraev. pat.* no. 4 37-39 '65.

- Seasonal fluctuation and cardiovascular pathology. V. V. Kokhanskii, A. G. Sibirnikov, *Nek. vop. klim. i kraev. pat.* no. 4 12-14 '65.

CLINKER

- Properties of 3CaO, 3Al₂O₃, CaSO₄ and its effect on the strength of some clinker minerals. P. P. Dudnikov, I. P. Kuznetsova, V. G. Savol'ov, *Ukr. khim. zhur.* 32 no. 3 294-298 '65.

CLOCKMAKING AND WATCHMAKING

- (see also subdivision under Moscow)
- Automatic assembly of watch wheel system. F. K. Ikh, *Biul. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 19 no. 3 32-35 Mr '66.

CLOCKS AND WATCHES—DESIGN AND CONSTRUCTION

- Table and wall clocks. A. Kozlov, *Tekhn. ent.* 3 no. 3 14-17 Mr '68.

CLOSTRIDIUM

- (see also subdivision under Kazakhstan)
- Food poisoning caused by *Clostridium perfringens*. G. I. Sidorenko, I. P. Pivovarov, *Vop. pit.* 25 no. 1 81-83 Ja-F '66.

CLOTHING, PROTECTIVE

- Development of the formulas and methodology for the manufacture of soles for protective footwear. V. V. Cherkulaeva, B. A. Safra, Nauch.-issl. trudy VNIPIK no. 15 24-30 '64.
- Noiseproof ear caps. V. S. Baidin. *Mashinostroitel'* no. 4 36 Ap '66.

CLOTHING INDUSTRY see subdivision under Novosibirsk (Novosibirsk Province)

CLOTHING INDUSTRY—ACCOUNTING see subdivision under Moscow

CLOTHING INDUSTRY—MANAGEMENT

- (see also subdivision under Moldavia)
- Nazarov, M. G., and N. G. Kozlov. [The firm, the store, and the consumer] *Firma, magazin, pokupatel'*, [Moskva] *Moskovskii rabochii*, 1966. 62 p.

CLOUD PHYSICS

- Radiation heat exchange in developing cloudiness. L. V. Petrova, E. M. Felgoleon. *Izv. AN SSSR. Fiz. atm. i okeana* 2 no. 4 340-356 Ap '66.

CLOUDS

- (see also subdivision under Gorkiy; Novosibirsk; Siberia)

- Choice of conditions for observations of noctilucent clouds from the earth's surface and spacecrafts. G. V. Rosenberg. *Meteor. issl.* no. 12 30-32 '66.

- Conditions of the visibility of noctilucent clouds. V. G. Fesenko, *Meteor. issl.* no. 12 28-29 '66.

- Determination of the projection of noctilucent clouds on the earth's surface. M. A. Dirikis, E. E. Mukina. *Meteor. issl.* no. 12 52-56 '66.

- Determination of the spatial coordinates of noctilucent clouds. M. A. Dirikis, S. V. Evdokimenko, I. L. Frantseman. *Meteor. issl.* no. 12 47-51 '68.

- Dynamics of the atmosphere and noctilucent clouds. P. A. Mitov. *Meteor. issl.* no. 12 88-91 '66.

- Interpretation of the results of spectral sounding of noctilucent clouds. V. D. Roshetov, I. A. Khvostikov. *Meteor. issl.* no. 12 80-81 '66.

- Meteorological conditions for the occurrence of noctilucent clouds. I. V. Kurlova. *Meteor. issl.* no. 12 114-105 '66.

- Morphological studies of noctilucent clouds. R. I. Gelfand. *Meteor. issl.* no. 12 97-100 '66.

- Nature of noctilucent clouds and some problems of the photochemistry and dynamics of the earth's atmosphere. I. A. Khvostikov. *Meteor. issl.* no. 12 57-65 '66.

- Numerical scheme of short-range forecasting of atmospheric conditions. I. G. Lushch, I. I. Matyska. *Izv. AN SSSR* 167 no. 5 1011-1015 Ap '66.

- Present state of the problem of noctilucent clouds. I. A. Khvostikov. *Meteor. issl.* no. 12 5-10 '66.

- Some aspects of the study of noctilucent clouds. Ch. I. Villmann. *Meteor. issl.* no. 12 11-25 '66.

- Temperature of the atmosphere in the region of the noctilucent clouds and the distribution of noctilucent clouds. V. V. Mikhnevich. *Meteor. issl.* no. 12 81-87 '66.

CLOVER—DISEASE AND PEST RESISTANCE

- Resistance of clover and alfalfa varieties to root rot. P. A. Labench. *Sbor. trud. VIR* no. 2 61-63 '64.

CLOVER—DISEASES AND PESTS

- Protection of seed clover. N. I. Arsenov and H. Zakh. *Tr. Vses. nauch. i tekhn. ts. 235-10* '66.

CLUBROOT

- Reaction of rutabaga and turnips to diseases. M. I. Shabalina, G. I. Sokolova. *Sbor. trud. VIR* no. 2 31 '64.

CLUTCHES (MACHINERY)

- Safety clutch with controlled shot filling. N. I. Kirkach, D. I. Monot. *Vest KhPI* no. 1 19-20 '65.

- Using turboclutches in shifting mechanism of bridge cranes. V. F. Gaidamaka, S. A. Oshchinskaya. *Vest KhPI* no. 1 12-13 '65.

CLUTCHES (MACHINERY)—THERMAL PROTECTION

- Temperature conditions and thermal protection of clutches filled with small shot. N. F. Kirkach, H. A. Mokret. *Vest KhPI* no. 1 11-17 '65.

COAGULATION

- Structure-forming processes in aqueous dispersions of homopolymers and copolymers. M. M. Kuchlytsky, V. I. Orlovchenko. *Dop. AN Ukr. R. S. S. R.* 103-106 '66.

COAL

- (see also subdivision under Siberia, Western, Soviet Central Asia)

- Character of the relation of germanium to fossil coal matter. I. S. Solov, K. A. Gortenko, I. N. Spasichuk. *Geokhimiia* no. 1 169-187 Ap '61.

- Pit sampling method in geological prospecting for coals seams. I. V. Stepanov. *Razved. i dobn. k. i. k. i. k.* 10-24 Mr '65.

- Study of the through combustion mechanism of a coal particle. I. P. Ivanova, V. I. Babit. *Teploenergetika* 19 no. 4 54-50 Ap '68.

COAL—ANALYSIS

- Determination of the ash content of coals by means of analysis of core samples. V. P. Dobontayev. *R. S. S. R. i kh. nauch.* 31 no. 3 50-51 Mr '65.

- Genesis of germanium in fossil coals. A. Z. Shirokova, S. M. Solonko. *Geotekhn. i mekhan. ozh. i k. i. k. i. k.* no. 1 8-13 '65.

- Rapid determination of pyrite sulfur in brown coals. V. I. Volokhova. *Zav. lab.* 31 no. 6 675 '65.

COAL—DENSITY

- Dependence of the density of coal on the ash content. A. Z. Gorin. *Pril. geofiz.* no. 32 174-187 '65.

COAL—DRYING

- Drying of coal prior to coking. V. A. Kul'saev. *Mash. i gorn. prom.* no. 2 50-53 Mr-Apr '66.

COAL—STORAGE

- Effect of the time of coal storage. A. S. Leonov and others. *Kok. i khim.* no. 3 15-18 '66.

COAL—TRANSPORTATION

- River transportation of bulk cargoes with a view to the accumulation of reserve supplies for the period between navigation seasons. E. Tsvetkov. *Rech. i transp.* 14 no. 9 13-14 '65.

COAL, PULVERIZED

- Method for protecting pulverized coal conduits from abrasive wear. I. Sh. Burda, I. G. Okunov. *Tekhn. i k. i. k.* 14 no. 4 18-20 Ap '66.

- Study of the operation of blade-type feeders operating on anthracite culm. L. Ya. Kodolov and others. *Tekhn. i k. i. k.* 37 no. 2 9-14 F '66.

COAL GASIFICATION, UNDERGROUND

Possibilities of coal mining by geochemical methods. F. A. Baryshnikov, I. L. Ruzhova. Fiz.-tekhn. probl. razrab. pol. iskop., no. 1:83-86 '66.

COAL GEOLOGY

Mironov, K. V. [Prospecting and exploitation of coal deposits] Poiski i razvedka ugod'nykh mestonazhdenii Moskva, Nedra, 1966 302 p.

COAL GEOLOGY—CONGRESSES

Natsionalnyi Komitet geologov Sovetskogo Soyuza.

[Geology of coal measures and the stratigraphy of the Carboniferous of the U.S.S.R.] Geologiya ugleonosnykh formatsii i stratigrafiya karbona SSSR Moskva, Nauka, 1965 314 p.

COAL HANDLING

Assembly of the No. 2 fuel handling installation at the Dnepre Valley State Regional Electric Power Station M. V. Sidenko, I. G. Khristenko. Energetik 14 no. 4:27 Ap '66.

Measures for preventing the sticking of coal in bunkers and spouts. S. D. Shitsman, S. V. Litun. Energetik 14 no. 4:27 Ap '66.

Simplification of a system for the automatic filling of bunkers. G. L. Averbukh. Energetik 14 no. 4:22-23 Ap '66.

COAL MINERS see subdivision under Donetsk Province; Korea, South

COAL MINERS—EDUCATION AND TRAINING

For a higher level of educational work. I. G. Mikhailenko. Ugol' 41 no. 4:71-72 Ap '66.

COAL MINES AND MINING

(see also subdivision under Akhaltsikhe region, Georgia, Donetsk Basin, Kuznetsk Basin; Ukraine)

Aerodynamic resistance in caving. V. A. Iarisev. Izv. vys. ucheb. zav. gor. zhur. 9 no. 2:50-55 '66.

Calculation of rock displacements on the edge of deep mine workings maintainable by influencing by stopping operations. S. D. Sonin and others. Ugol' 41 no. 4:20-22 Ap '66.

Estimating coal resources. M. P. Butsev. Ugol' 41 no. 4:15-17 Ap '66.

High ceilings. Ugol' 41 no. 4:1 Ap '66.

Possibilities of coal mining by geochemical methods. F. A. Baryshnikov, I. L. Ruzhova. Fiz.-tekhn. probl. razrab. pol. iskop., no. 1:83-86 '66.

Pressure of broken down coal and of the filling in the pillar system of working to the base. B. A. Zhukov. Fiz.-tekhn. probl. razrab. pol. iskop., no. 1:127-131 '66.

Scientific and technical council on problems of the preliminary wetting of coal in the mass. N. S. Bortsov. Bezop. truda v prom. 7 no. 11:34-35 N '63.

Studying the manifestation of rock pressure in mining coal seams underlying igneous rocks. V. G. Koshomkin. Izv. vys. ucheb. zav. gor. zhur. 9 no. 2:24-29 '66.

COAL MINES AND MINING—ACCOUNTING see subdivision under Donetsk Basin

COAL MINES AND MINING—COSTS

(see also subdivision under Donetsk Basin; Karaganda Basin)

Methods of calculating the most advantageous cross sections of mine workings. A. M. Kuznetsov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 6:108-117 '65.

Reducing the consumption of materials is an important factor in the reduction of the cost of coal. N. G. Volynskii, P. K. Kladev. Ugol' 41 no. 4:6-7 Ap '66.

COAL MINES AND MINING—ECONOMIC ASPECTS

Methods of comparing technical and economic indices of mine fans. V. S. Pak, G. A. Babak, V. V. Pak. Ugol' 41 no. 4:42-45 Ap '66.

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

(see also subdivision under Czechoslovakia; Kuznetsk Basin)

Industrial testing of some new varieties of conveyor belt joints. V. A. Ponomarev, L. I. Epele, N. S. Khlebnikov. Ugol' 41 no. 4:20-29 Ap '66.

Mechanization of mining operations in seams with very hard and tough coal. I. T. Kondratenko, I. V. Zheleznozhko, G. I. Reshetnik. Ugol' 41 no. 4:31-33 Ap '66.

Narrow-cut coal mining in steeply dipping seams. N. K. Grishko and others. Ugol' 41 no. 4:20-21 Ap '66.

Ways of reducing the consumption of coils of cables in automatic control systems in mines. I. N. Kamynin, V. M. Kozlov. Ugol' 41 no. 4:21-24 Ap '66.

COAL MINES AND MINING—EXHIBITIONS

About the best people and new technology. Inform. blul. VDNKh no. 3:7 Mz '66.

COAL MINES AND MINING—FINANCE see subdivision under Ukraine

COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Experience in reducing air penetration of isolating structures. V. G. Igishv, I. A. Miller. IU V Snotkin Ugol' 41 no. 1:56-59 Ap '66.

COAL MINES AND MINING—LABOR PRODUCTIVITY

(see also subdivision under Chelyabinsk Basin, Donetsk Basin, Karaganda Basin)

Dynamics of labor productivity in open-pit coal mines. N. I. Leleka. Ugol' 41 no. 1:10 Ap '66.

The new all-Union record in mining with the PK-3m cutter-loader. P. Filippovich, M. Klimov. Ugol' 41 no. 1:4-7 Ap '66.

COAL MINES AND MINING—MANAGEMENT

(see also subdivision under Lvov-Volyn' Basin)

Automation of technological and managing processes in coal mines. L. G. Mel'purnov, M. P. Lavtomin protzv 20 no. 3:33-37 Mz '68.

Economic effect of applying scientific work organization. I. Balashov. Ugol' 41 no. 4:11-12 Ap '66.

Efficient operating conditions in coal mining. A. S. Astakhov, A. K. Khaychenko. Ugol' 41 no. 1:7-11 Ap '66.

Expanding and improving the service of the head mechanic of a mine. G. M. Nechushkin. Ugol' 41 no. 1:51-52 Ap '66.

Scientific work organization in coal mines. R. A. Levental', I. A. Atroschenko. Ugol' 41 no. 4:33-40 Ap '66.

COAL MINES AND MINING—PRODUCTION METHODS

(see also subdivision under Angren Basin)

Length of longwalls and its effect on the continuous production in coal mining. I. U. Buta. Izv. vys. ucheb. zav. gor. zhur. 9 no. 2:40-42 '66.

COAL MINES AND MINING—PRODUCTION STANDARDS

Labor organization and standardization in the loading of rock with SKU-1 separators. V. A. Dubodolov, V. I. Katshev, F. A. Mashchanov. Ugol' 41 no. 4:39-10 Ap '66.

COAL MINES AND MINING—SAFETY MEASURES

(see also subdivision under Donetsk Basin)

Changes in the amount of gas liberation from a coal block by means of seam wetting through long boreholes. B. M. Korzhik. Izv. vys. ucheb. zav. gor. zhur. 9 no. 2:43-45 '66.

Character of the convergence of lateral rocks on steep slopes with roof control by a loose rubble band. N. I. Zhizlov, D. V. Dorokhov, A. D. Alekseev. Ugol' 41 no. 4:17-20 Ap '66.

Degasification of a worked-out area. A. M. Karlov, V. F. Lysakov. Bezop. truda v prom. 7 no. 11:4-5 N '63.

Degasification of coal seams. A. T. Gorbachev, S. V. Kuznetsov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 6:14-28 '65.

Efficient systems for the ventilation of airway sections in gaseous mines with flat and inclined seams. M. A. Patrusev. Ugol' 41 no. 4:43-47 Ap '66.

Finding the maximum length of a working by the heat factor. E. I. Barantov. Ugol' 41 no. 4:47-10 Ap '66.

Improving the technology of blasting operations. E. V. Iashnykh. Bezop. truda v prom. 7 no. 11:10-11 N '63.

In the Presidium of the Central Committee of the Trade Union for workers in the coal industry. N. I. Borychev. Bezop. truda v prom. 7 no. 11:38 N '63.

Influence of mine filling on the displacement of lateral rocks in shield mining systems. N. V. Magazevich, G. F. Ogorelov, A. V. Romanov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 1:30-35 '66.

Making sure of labor safety is the duty of engineers and mechanics. V. N. Pobalkov. Bezop. truda v prom. 7 no. 11:8-10 N '63.

Publication of new safety regulations for coal and shale mines. L. M. Chernavskii. Bezop. truda v prom. 7 no. 11:36 N '63.

Rock bumps in the earth can be prevented. N. I. Didryev, L. A. Kolesnikov. Bezop. truda v prom. 7 no. 11:7-8 N '63.

Strength is in the reliance upon the masses. A. A. Potokhin. Bezop. truda v prom. 7 no. 11:28 N '63.

Studying gas permeability of the coal block in the zone of influence of mine workings. I. S. Svetlakov, V. A. Pomortsev. Ugol' 41 no. 4:54-56 Ap '66.

Techniques in wetting inclined seams through holes parallel to stopes. N. E. Voloshin and others. Ugol' 41 no. 4:40-42 Ap '66.

Wide scope of work, good planning, and publicity. G. Makarov. Okhr. truda i sots. strakh. 9 no. 4:8-9 Ap '68.

COAL MINES AND MINING—SCHEDULING

Network and linear scheduling. V. R. Isentlov. Gor. zhur. no. 4:24-30 Ap '66.

Optimization of network models by the cost factor as practiced in the mounting of an overall mechanized longwall. A. S. Burchakov, B. M. Vorob'ev, I. V. Kharchenko. Ugol' 41 no. 4:16-50 Ap '66.

COAL MINES AND MINING—STUDY AND TEACHING

(see subdivision under Donetsk Basin)

COAL MINES AND MINING—TECHNOLOGICAL INNOVATIONS see subdivision under Shakhinsk region (Karaganda Province)

COAL MINING MACHINERY

Assembling the KM-87t equipment complex in "Velikomatoskaf" mine No. 6. V. G. Filinov. Ugol' 41 no. 4:35 Ap '66.

Conference on the automatic regulation of the loading of mining machinery. I. U. G. Pashchevskii, V. I. Mnashtukova. Ugol' 41 no. 4:72 Ap '66.

Effective use of capital investments in the coal industry of the Ukraine, and effectiveness of production funds. N. M. Mogilevskii. Ugol' 41 no. 4:1-5 Ap '66.

Labor organization and standardization in the loading of rock with SKU-1 separators. V. A. Dubodolov, V. I. Kartashev, F. A. Mashchanov. Ugol' 41 no. 4:39-40 Ap '66.

Mechanization of mining operations in seams with very hard and tough coal. I. T. Kondratenko, I. V. Zheleznozhko, G. I. Reshetnik. Ugol' 41 no. 1:31-33 Ap '66.

Potentialities for improving the technical and economic indices of cutter-loader mined longwalls in the Chelyabinsk Basin. V. A. Mikhov, V. N. Kornilov, A. A. Dvlin. Izv. vys. ucheb. zav. gor. zhur. 9 no. 2:7-11 '66.

Six-point boring rig for long-stroke drilling of boreholes in rocks. A. S. Saginov and others. Izv. vys. ucheb. zav. gor. zhur. 9 no. 2:57-58 '66.

COAL MINING MACHINERY—DESIGN AND CONSTRUCTION

Mines and the industrial designer. V. Kish. Tekhn. est. 3 no. 3:12-13 Mz '66.

COAL MINING MACHINERY—EFFICIENCY

The new all-Union record in mining with the PK-3m cutter-loader. P. Filippovich, M. Klimov. Ugol' 41 no. 4:4-7 Ap '66.

COAL MINING MACHINERY—MAINTENANCE AND REPAIR

Breakdown and wear of gears on actuating chain mechanisms of coal cutter-loaders. A. A. Grishin and others. Ugol' 41 no. 4:29-31 Ap '66.

COAL MINING MACHINERY—TESTING

(see also subdivision under Donetsk Basin)

Results of testing an experimental coal mining machine with the speed of cutting and advancing automatically controlled. A. I. Beron and others. Ugol' 41 no. 4:24-30 Ap '66.

Use of the IK-52sh cutter-loader in an inclined seam. V. G. Rubezhanskii, V. G. Semivolov. Ugol' 41 no. 4:33-35 Ap '66.

COAL PREPARATION

Effect of preliminary emulsification of reagents on the flotation of coal at a low stage of metamorphism. T. S. Iusupov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 1:82-95 '66.

Mystic of the charge and the technological flow sheets for concentrate dewatering in coal preparation plants. A. L. Ol'fort. Koks i khim. no. 4:7-12 '66.

Moscow. Institut goruchikh iskopaemykh. [Theory and practice of dewatering coal fines]. Teoriya i praktika obezvozhivaniya ugod'noi melochi; sbornik statei. Moskva, Nauka, 1966. 175 p.

COAL PREPARATION—EQUIPMENT AND SUPPLIES

Experience in industrial testing of G. P. I. D. density regulators. V. G. Kondakovskii, I. P. Severin, O. S. Bakhtina. Ugol' 41 no. 4:49-50 Ap '66.

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Coal breeze preparation with the use of SKPM 6 concentration tables. I. S. Blagov and others. Ugol' 41 no. 4:50-63 Ap '66.

Delivery of magnetite, organization of its storage, and preparation of its suspension. V. S. Tikhonov, D. K. Glebov. Ugol' 41 no. 4:50 Ap '66.

Mechanization and automation of the belt feeder gates of dump cars. N. N. Gur'ev, N. G. Ponomareva. Koks i khim. no. 4:57-59 '66.

COAL RESEARCH

(see also subdivision under Donetsk Basin)

Methodology of the deep separation of coals and the graphic representation of the investigation results. A. V. Lapo. Lit. i pol. iskop. no. 2:151-157 Mz-Ap '66.

COLLECTIVE FARMS—ACCOUNTING see subdivision under Cherkassy District

COLLECTIVE FARMS—COSTS

Conspicuous thoughts G. Lisitskii Nov. 1961 12 no. 1 265-267 Ja '66

COLLECTIVE FARMS—FINANCE

(see also subdivision under Vitebsk Province)

Ability to pay for itself is at the basis of business accounting. A. Stigunov, V. Melnik Tr. kol. sel'khoz. 11 no. 1-85-90 Ap '66

The collective farm market in the U.S.S.R. A. Iakhnich Nauch. dokl. vuz. shkoly, ekon. nauk 10 no. 2 18-25 '66.

Insurance against drought will increase the stability of collective farm income. M. Takumskiy, R. Fatkhov, Fin. SSSR 40 no. 4 50-51 Ap '66.

Lidums, L. M. [Mathematical methods of computing differential income on collective farms] Matematicheskie sposoby ischisleniya differentsial'nogo dokhoda v kollektivakh. Moskva, Ekonomika, 1965 93 p.

A new procedure for issuing credit to collective farms. S. Dym'kin. Ekon. sel'khoz. 11 no. 1-61-65 Ap '66.

COLLECTIVE FARMS—INCOME DISTRIBUTION

Sale of products to collective farmers on the account of their monetary wages and price determination on the internal collective farm market. G. I. A. Kuznetsov, Uch. zap. kaf. polit. ekon. no. 6 55-69 no. 6 55-69 '65.

COLLECTIVE FARMS—INTERFARM COOPERATION

(see also subdivision under Saratov Province)

Economic efficiency of the intercollective farm cooperation in construction. L. F. Andeeva, Uch. zap. kaf. polit. ekon. no. 6 27-33 '65.

COLLECTIVE FARMS—MANAGEMENT

(see also subdivision under Armenia, White Russia)

Harvest and procurement. I. Mukhtarullin. Zakup. sel'khoz. prod. no. 2-6-7 F '66.

In order not to waste a single kilogram. A. Rukhuladeva, Zakup. sel'khoz. prod. no. 2-8 F '66

What we get from intensive farm management. S. Litvinchuk. Inform. bibl. VDNKH no. 3, 1-5 M '66.

COLLECTIVE FARMS—PENSIONS

(see also subdivision under Belgorod Province, Gorky Province; Nizhny Novgorod Province; Orenburg Province)

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Council of Trade Unions. Sots. trud 11 no. 4 148-150 Ap '66.

Not only pensions. . . . I. Sviridov. Sots. obesp. 41 no. 3-10-12 Mr '66.

COLLECTIVE FARMS—TAXATION

Milionshchikov, A. D., and V. P. Ol'sheyskaya. [Collective farm income tax] Podokhodnyy naloz s kollektivnykh farm. Moskva, Finansy, 1966. 69 p.

COLLECTIVE LABOR AGREEMENTS see subdivision under Gorky

COLLECTIVE LABOR AGREEMENTS—MINING INDUSTRY

see subdivision under Kazakhstan

COLLEGE AND SCHOOL JOURNALISM

College newspapers should not stand aside. V. V. Pletikhin. Vest. vuz. shkoly 24 no. 3 45-47 Mr '66.

COLLEGE LIBRARIES see Libraries, University and college

COLLISIONS (NUCLEAR PHYSICS)

Collisions of atoms with a solid surface. V. V. Mazhuga. Dokl. AN SSSR 167 no. 5 1012-1015 Ap '66.

Measuring the cross sections of low-energy ion-atom collisions using the method of overtaking beams. V. A. Bol'shev, B. G. Brzhuov, E. M. Kravtsov. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 8 321-323 Ap '66.

Specific power of the harmonic field in a high-frequency discharge allowing for the nonlinear interaction between them. V. K. Soshnikov, E. S. Trokhov. Izv. vuz. ucheb. zav. radiofiz. 8 no. 6 1106-1107 '65.

COLLOIDS

Aerogels of organic and organosilicon polymers with a highly developed surface. G. V. Vinogradov and others. Zhur. fiz. khim. 40 no. 4 881-886 Ap '66.

Akademiya nauk SSSR. [Physicochemical mechanics of disperse structures] Fiziko-khimicheskaya mekhanika disperznykh struktur; sbornik statei. Oty. red. P. A. Rebindov. Moskva, Nauka, 1966. 369 p. Effect of calcination temperature on the structure of pores and the adsorptive properties of geometrically modified silica gels. N. V. Akshinskaya and others. Koll. zhur. 28 no. 2 161-170 Mr-Apr '66.

Effect of ultrasonics on structure-forming processes in clay mineral dispersions treated with electrotropy-polymer. F. D. Ovecharenko and others. Dop. AN URSR no. 3 367-369 '66.

Effect of ultrasonics on the stability of hydrophobic colloids. D. S. Ichnukov, G. A. Murtyov. Dokl. AN SSSR 167 no. 4 835-838 Ap '66.

Experimental study of the processes of filtration of viscoplastic liquids through porous materials. N. V. Chumakov, A. I. Iakshchenko. Koll. zhur. 28 no. 2 302-307 Mr-Apr '66.

Highly concentrated colloid solutions of aluminum and chromium hydroxide salts. A. L. Butskanov, M. E. Shukhovich, L. N. Muradova. Trudy Inst. khim. AN Gruz. SSR 17 135-139 '61.

Rotary viscometers for investigating the rheological properties of dispersed systems and high-molecular compounds (summary). M. P. Volatovich, N. V. Lazovskaya. Koll. zhur. 28 no. 2 198-213 Mr-Apr '66.

COLOMBIA—POLITICS AND GOVERNMENT

Colombia: The new President. Juan Cobos. Nov. 1961. 23 no. 20-21 My '66

COLONIES

Moscow. **Znacheniya vysshaya partinaya shkola** [International communist, workers' and national liberation movements, a study and methodological manual] Mezhdunarodnye kommunisticheskie, rabochye i nacional'no-osvoboditel'nye dvizheniya, uchebno-metodicheskoe posobie. Moskva, Mysl', No. 1. **Aleksandrov, V. V., and Z. A. Zamyatova.** [Second half of the 18th century to 1898] Vostok polovina XVIII v. - 1898 g. [Izd. 2.] 1965. 180 p.

COLOR CENTERS

Ionic activation mechanism of the photothermal disintegration of color centers in alkali halide crystal phosphors. F. N. Zaitov, I. U. Lukantseva, E. S. Dudaev. Izv. AN SSSR Ser. fiz. 30 no. 4 704-706 Ap '66.

Stable color centers in cesium halides. G. V. Mil'falechenko, M. I. A. Kondrat'ko, T. P. Vinogradova. Zhur. prikl. spekt. 4 no. 3 278-279 Mr '66.

COLOR IN INDUSTRY

Color in the printing plants. A. Ustinov, B. Khorevich. Tekhn. est. 3 no. 2 16-21 F '66.

Study of color harmony on the basis of colorimetric analysis. I. U. Nagimzade. Tekhn. est. 3 no. 2 14-16 F '66.

COLOR MEASUREMENT

New device for luminescence and colorimetric analysis. L. N. Kurimov and others. Zav. lab. 31 no. 6 760-762 '65.

COLOR TELEVISION

Photoelectric colorimeter for color measurements in color television. R. S. Ioffe, D. A. Shiklover. Tekhn. kino i telev. no. 1 26-29 Ap '66.

COLOR TELEVISION—TRANSMITTERS AND TRANSMISSION

Transmission of color television signals through intercity networks. P. M. Kopylov. Tekhn. kino i telev. no. 1: 23-25 Ap '66.

COLORIMETERS

Light filters in an FEK-56 photocolorimeter for separating mercury spectrum lines. D. P. Scherbov, R. N. Plotnikova, S. A. Volnov. Zav. lab. 32 no. 4 406-408 '66.

Photoelectric colorimeter for color measurements in color television. R. S. Ioffe, D. A. Shiklover. Tekhn. kino i telev. no. 4-26-29 Ap '66.

COLORIMETRY

Bulakov, M. I., and I. P. Kalinkin. [Laboratory manual on the colorimetric and spectrophotometric methods of analysis] Prakticheskoe rukovodstvo po kolorimetricheskim i spektrofotometricheskim metodam analiza. Moskva, Khimiya, 1965. 222 p.

Colorimetric determination of fixed ammonium in soils. V. N. Kudacharov. Agrokhimiya no. 1 120-124 Ap '65.

Colorimetric method of determining cycloserine. V. D. Kartseva, B. P. Bruna. Antibiotiki 10 no. 4 306-307 Ap '66.

Colorimetric method of dieldrin in plants. G. F. Vylegzhanina. Vop. pit. 23 no. 3 72-75 My-Ju '61.

Differential photocolometric determination of fluorine in welding fluxes. A. A. Minin, G. A. Barmina, I. P. Filippova. Zav. lab. 32 no. 4 413-414 '66.

Methods of colorimetric determination of sulfanamide preparations. V. N. Bogdanova. Trudy I-go MAM 17: 170-172 '62.

Photocolometric method for determining phenobarbital. V. I. Lobanov. Ap. delo 13 no. 6 45-48 N-D '64.

Quantitative determination of the optimal conditions for the extraction of acetylcholine with organic solvents. V. V. Mikhno. Farmatsev. zhur. 20 no. 2 20-28 '65.

Use of microscope in colorimetric determination of the concentration of substance in some drops of solution. T. I. Bulenkov, M. I. Tarasenko. Trudy I-go MAM 17: 173-178 '62.

COLORING MATTER IN FOOD

Coordinating conference on the use of natural food colors in confectionery. L. I. Medvedeva, S. D. Shoinbok. Rast. res. 2 no. 1 145-146 '66.

COLUMBATES see Niobates

COMBINES (AGRICULTURAL MACHINERY)—MAINTENANCE AND REPAIR

Checking the technical state of combine units without dismantling during seasonal repair. V. V. Gushchik, I. F. Ivanushin. Trudy Tr. sel'khoz. inst. 3 no. 3, 116-122 '65.

COMBUSTION

Burning of graphite in a chemically balanced boundary layer. F. S. Zavelevich. Izv. AN SSSR, Mekh. zhid. i gaz. no. 1 62-167 Ja-I '66.

Calculating the flame wavelength in vibratory combustion. S. K. Aslanov. Izv. - fiz. zhur. 10 no. 3 382-384 Mr '66.

Determination of the rate constants of elementary reactions by the method of ignition limits. V. V. Aratov, A. B. Halbandan. Zhur. VKhO 11 no. 2 162-166 '66.

Method for burning gaseous fuel. I. V. Mikhailovskii. Teplofizika 13 no. 3 69-70 M '66.

Study of the through combustion mechanism of a coal particle. I. P. Ivanova, V. I. Babit. Teploenergetika 13 no. 4 54-59 Ap '66.

COMBUSTION, SPONTANEOUS

Self-ignition of thermal compositions. I. I. Maksimov, A. G. Meizhanov, V. M. Shkuro. Zhur. fiz. khim. 40 no. 2 169-170 F '66.

COMBUSTION GASES—ANALYSIS

Composition of the products of an incomplete combustion of natural gas and the heat temperature conditions of the process. A. A. Slgov, V. E. Gasparian, B. I. Bondarenko. Vop. prozv. stali no. 10, 75-87 '65.

COMEDY

Comedy and life. G. Mitin. Teatr 27 no. 7 11-22 Mr '66.

COMETS

Motion of comets in the outer region of the solar system. G. A. Chebotarev. Astron. zhur. 43 no. 2 135-140 Mr-Apr '66.

COMMERCE

Developing countries: the problems of textile export. E. Chala. Mir. ekon. i mezhdunar. otn. no. 6 122-127 '66.

Plakoppel, F. G. [Plastics; the world capitalist market] Plasticheskie massy; mir ovoy kapitalisticheskoy rynok. Moskva, MFO, 1966. 126 p.

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

COMMERCIAL LAW

Let us increase liability for the nonperformance of contract commitments. A. Kiempe, A. Shmisman. Rast. pravo 29 no. 4 51-56 Ap '66.

COMMERCIAL STATISTICS

Economic reform and statistics. B. Kolpakov. Kommunist 43 no. 7 65-72 My '66.

COMMUNICABLE DISEASES

Libov, A. L. [Errors and hazards in the treatment of infectious diseases in children] Oshibki i opasnosti pri lechenii infektsionnykh boleznei u detei. [Leningrad] Meditsina, 1966. 154 p. (Biblioteka prakticheskogo vracha) (DNLM)

COMMUNICABLE DISEASES IN ANIMALS

(see also subdivision under Tatar, A. S. S. R.)

Tasks of veterinary medicine in the improvement of measures for exterminating the infectious diseases of farm animals. A. A. Bolko. Uch. zap. KVI 90 21-37 '64.

Pseudomonas infections in animals. K. A. Dorofeev. Uch. zap. KVI 90 100-100 '64.

COMMUNICATIONS, MILITARY

Communication under water. I. Kaverzin. Tekhn. i voenn. 10, 12: 17-18 D '65.

COMMUNISM

(see also subdivision under Azerbaijan)

At the forefront of history. V. Agarkov. Mol. komm. no. 3-16 M '65.

By the legacies of our leader. Voen. znani, 42 no. 4: 1-3 Ap '66.

The CPSU policy and the modern world. T. Vladimirov. Mir. ekon. i mezhdunar. otn. no. 6 13-14 '66.

"Ethical socialism" of the right-wing socialists and Marxism. A. G. Vlasin. Nauch. dokl. vuz. shkoly, filoz. nauki 9 no. 2 82-89 '66.

Firm step of communism. Shkola i prozv. 10 no. 4: 3-8 Ap '66.

Following Lenin's course. Nach. shkola 34 no. 4: 3-7 Ap '66.

Important landmark on the way to communism. I. F. Khalipov. Vest. protivovozd. obor. no. 3: 3-8 Mr '66.

Indissoluble unity of the party and the people. Tyl i snab. Sov. Voor. 811 26 no. 323-7 Mr '66.

1568

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES (Continued)

- Great event of our times. A. A. Vishnovskii. *Voen.-med. zhurn.*, no. 19 Ap '66.
- International significance of the 23d Congress of the CPSU. V. Korionov. *Kommunist* 43 no. 6:13-25 Ap '66.
- New milestone in the building of the material and technical bases of communism. Khol'teh, 43 no. 4:1-2 Ap '66.
- On the road to communism. *Nov. mir* 12 no. 3:3-8 Mi '66.
- Resolution of the 23d Congress of the Communist Party of the Soviet Union based on the report of the Central Committee of the CPSU. *Komm. Vooruzh. Sil* 17 no. 8:2-13 Ap '66.
- Spreading information on the decisions and materials of the 23d Congress of the CPSU. *Kommunist* 43 no. 6:50-53 Ap '66.
- Towards new successes in the work of military physicians. I. Kh. Bagramian. *Voen.-med. zhurn.* no. 18-9 Ap '66.
- Transforming into reality the decisions of the 23d Congress of the CPSU. D. D. Kuvshinski. *Voen.-med. zhurn.* no. 13-7 Ap '66.
- The 23d Congress of the CPSU; along Lenin's path toward communism. *Kommunist* 43 no. 6:3-12 Ap '66.
- The 23d Congress of the CPSU and the problems of international relations. *Mirovinaia zhizn'* 13 no. 5:3-15 '66.
- Worthy preparations to meet the 23d Congress of the Communist Party of the Soviet Union. I. A. Shiba, G. E. Khramov, N. M. Kuznetsov. *Voen.-med. zhurn.* no. 3:5-7 Mi '66.

COMMUNIST PARTY OF THE SOVIET UNION—HISTORIOGRAPHY

- The 23d Congress and the tasks of party historians. *Vop. Ist. KPSS* 10 no. 5:3-17 My '66.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP (see subdivision under Alma-Ata, Donetsk Province)

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

- (see also subdivision under All-Union Territory; Buryat A. S. S. R., Caucasus, Northern, Krasnodar Territory, Leningrad, Minsk, Omsk, Saratov, Ukraine)
- Communist discuss results of the congress. V. Tolstov. *Part. zhizn'* no. 9:10-14 My '66.
- Current problems of the development of rice sowing. M. Iksanov. *Part. zhizn'* no. 10:27-32 My '66.
- Do the party organizations of commercial enterprises have the right to control? A. Eliakin. *Part. zhizn'* no. 10:43 My '66.
- The economic reform and the economic training of workers. S. Samichenko. *Part. zhizn'* no. 10:52-56 My '66.
- Ibrakimov, Iskender. [Party organization of Kirghizistan in the struggle for the development of the collective farm movement] *Partiinaya organizatsiia Kirgizi v bor'bu za izverzheniye kolkhoznogo dvizheniia, Frunze, "Kyrgyzstan," 1965, 118 p.*
- Ideological work on a case of the whole party. *Part. zhizn'* no. 10:3-7 My '66.
- Integration of land as the most important task. N. Makhmudov. *Part. zhizn'* no. 10:19-26 My '66.
- The moral aspect of a communist. A. Vishniakov. *Part. zhizn'* no. 10:10-18 My '66.
- Offensive on a wide front. *Agitator* 34 no. 9:3-6 My '66.
- Our party work is based on a scientific foundation. N. Sychev. *Komm. Vooruzh. Sil* 47 no. 9:49-52 My '66.
- A party organization is responsible for everything. T. Neronova. *Part. zhizn'* no. 10:41-42 My '66.
- Preparation for elections to the Supreme Soviet. A. Shlimin. *Part. zhizn'* no. 9:56-59 My '66.
- Recommended themes for lectures, reports, and talks. *Agitator* 33 no. 8:13 Ap '66.
- Strengthen the labor discipline. A. Gordeev. *Part. zhizn'* no. 9:49-51 My '66.
- Study and propaganda. V. Zaidner. *Part. zhizn'* no. 9:51-52 My '66.
- Traditions and innovations in party work. G. Krivoshein. *Part. zhizn'* no. 9:21-30 My '66.
- We should inform the masses about the decisions of the party congress. *Agitator* 33 no. 8:11-12 Ap '66.

COMMUNIST REVISIONISM (see also subdivision under Africa; Ukraine)

- How the onomies of socialism misinterpret the role of the material encouragement of labor in the U. S. S. R. G. Borisov. *Sots. tuzd.* 11 no. 4:19-25 Ap '66.

COMMUNIST STATE

- V. I. Lenin on the theory of governmental control. D. A. Gorkinov. *Vest. LGU* 21 no. 5:95-106 '66.

COMMUNIST YOUTH (see subdivision under Chile, Germany, East; Hungary)

COMMUNIST YOUTH LEAGUE

(see also subdivision under Rudnyy, Kustanay Province; Tselinograd Province)

- "And if I can do more..." V. Tachlova. *Mol. komm.* no. 6:71-75 Je '64.
- Bochin, N. D. [Scaled in blood] *Krov'iu skiplennala, Moskva, Znanie, 1966, 59 p.* (Novoe v zhitii, nauke, tekhnike, X Seriya. Molodezhnaya, no. 5)
- Communist Youth League and the work of training of young students. V. V. Storozh. *Shkola i priozh.* 10 no. 5, 71-72 My '66.
- Communist Youth League matters for the party. A. S. Golov, V. Lunikov. *Gruzhd. av.* 23 no. 3:8 My '66.
- The Communist Youth League member is an active fighter. O. Zichenko. *Sov. voln.* 48 no. 9:18-19 My '66.
- Components of authority. A. Troshin. *Gruzhd. av.* 22 no. 9:11-15 S '65.
- A day of our life. A. Kamshalov. *Mol. komm.* no. 6:3-11 Je '64.
- Democratic rights and duties. N. Logiova. *Mol. komm.* no. 3:33-38 '65.
- Fidelity to communist ideals. V. Gantushkin. *Nov. vrem.* 23 no. 2:1-6 My '66.
- "Henceforth I promise..." V. Staroverov. *Mol. komm.* no. 6:53-58 Je '64.
- Kindle the hearts of young people. A. Vezlov. *Voen. zhurn.* 42 no. 5:9-10 My '66.
- Let's strengthen the contact between the Communist Youth League committees at the enterprises and the schools. B. I. Kalashnikov. *Shkola i priozh.* 10 no. 5:15 My '66.
- Members of the Komsomol who serve in the Soviet Army and Navy prepare for the 15th Congress of the V. I. Lenin All-Union Communist Youth League. P. Efimov. *Komm. Vooruzh. Sil* 47 no. 9:29-35 My '66.
- The party and the Komsomol. Z. Aprestan, V. Sulemov. *Mol. komm.* no. 3:49-56 '66.
- The party and the organization of young people. Z. Aprestan, V. Sulemov. *Mol. komm.* no. 2:69-75 '65.
- Please, admit me! N. Litonov. *Mol. komm.* no. 2:17-51 '66.
- Razorenova, A. V., and I. A. Kernes. [Your bookshelf] *Tvoia knzhnaya polka. [Moskva] Molodaia gvardiia, 1966, 62 p.* (Biblioteka "Vspalushchemu v komsomol")
- Relay race of generations. *Nov. vrem.* 23 no. 2:11-2 My '66.
- Solodov, T. S. [Moscow is behind us...; documentary stories on the heroic members of the Komsomol who participated in the Battle of Moscow] *Za nashel spnot - Moskva... dokumental'nye rasskazy o komsomol'skikh geroiakh boev pod Moskvoy. Moskva, Izd-vo "Znanie," 1966, 61 p.* (Novoe v zhitii, nauke, tekhnike, X Seriya. Molodezhnaya, no. 6)
- Some problems concerning the education of youth. I. U. Torshiev. *Part. zhizn'* no. 9:14-20 My '66.
- There are no bad soldiers. V. Istrina. *Mol. komm.* no. 3:77-79 Mr '65.
- Vocation? Occupation? Your choice? B. Kolisago. *Mol. komm.* no. 3:71-76 Mr '65.
- When it is a matter of real work. O. H. Chervatuk. *Rad. shik.* 44 no. 2:96-100 F '66.
- Young people and their organizations as the reserve forces of the "take-over generation." S. S. Vionitsyn. *Soob. Inst. po izuch. SSSR* no. 3:116-126 '65.

COMMUNISTS

(see also subdivision under Greece; Rostov-on-Don, Ukraine)

- A man and his job. I. I. Inskii. *Mol. komm.* no. 3:4-8 '66.

COMMUNITY AND SCHOOL

(see also subdivision under Moscow; Ukraine)

- Influence of a production collective on the training of students. L. K. Matlusha. *Shkola i priozh.* 10 no. 4:10-13 Ap '66.
- Let's give more assistance and demand better results. A. Kozhevnikov. *Sem'ia i shkola* 21 no. 3:3-4 Mr '66.
- Let's raise pedagogical propaganda to the requirements of life. I. S. Kostuk. *Rad. shik.* 44 no. 3:12-18 Mr '66.
- Min is growing. N. Tatarskaia. *Sov. profsoiuzy* 22 no. 8:21-28 Ap '66.
- Nationwide concern. *Sov. profsoiuzy* 22 no. 7:21-23 Ap '66.
- There is much more to be done. N. Korytkov. *Sem'ia i shkola* 21 no. 3:2 Mr '66.

COMMUNITY CENTERS

- Should we call it voluntary inertness? V. Churbanov, G. Karpov. *Mol. komm.* no. 3:80-85 '66.
- Some principal problems concerning the content and method of the dissemination of technical information in community centers. A. V. Sasykhov. *Trudy VSBi* no. 1:96-135 '62.

COMMUNITY CENTERS—DESIGN AND CONSTRUCTION

Community center with accommodations for 400. St. 01.1 arkht. Uzb. 7 no. 2:28 F '66.

COMMUNITY LIFE

In every apartment there is "Nash drug." A. Azovskii, T. Gorskova. *Sem'ia i shkola* 21 no. 2:14 F '66.

COMPARATIVE LITERATURE (see Literature, Comparative)

COMPLEMENT FIXATION

Complement fixation reaction in the diagnosis of toxoplasmosis. A. P. Lgorova. *Sov. med.* 29 no. 3:51-59 Mr '66.

COMPLEX COMPOUNDS

- Application of the method of dielectric losses for determining complex formation in solutions. Part I. Dielectric losses of complex compounds SnCl₄ with oxygen-containing organic substances. V. N. Maichenko, O. A. Ostapov. *Zhur. ob. khim.* 36 no. 4:599-605 Ap '66.
- Complex compounds of group IV metal halides with α -keto-phosphinic acid esters. A. A. Shvets and others. *Zhur. neorg. khim.* 11 no. 2:342-347 F '66.
- Complex formation in a demixing system. F. Ia. Gornbein, L. L. Abubachuk. *Ukr. khim. zhurn.* 32 no. 3:301-305 '66.
- Conditions for the formation of compounds of reduced valency between metals and semiconductors. A. I. Bechev. *Shor. Inst. stali i sploy. av.* 303-310 '66.
- Crystallographic data on inner-complex compounds of β -diketonates. Part I. Copper, nickel, and palladium β -diketonates. E. A. Shugan, L. M. Shkolnikova, V. V. Zelenetsov. *Zhur. strukt. khim.* 7 no. 1:128-129 Ja-F '66.
- Interaction of tin and titanium tetrachlorides with ethanalamides of fatty acids. I. A. Kozlov and others. *Zhur. ob. khim.* 36 no. 4:744-748 Ap '66.
- Oscillation of a three-membered hydrazine ring. P. V. Goroshov, M. G. Tskitshvili. *Trudy Inst. khim. AN Gruz. SSR* 17:3-11 '64.
- Radiation resistance of complex-forming organo-phosphorus resins. A. V. Nikolaev and others. *Zhur. fiz. khim.* 40 no. 4:848-849 Ap '66.
- Refractometric study of reactions involved in the formation of cupferrones of some metals. L. A. Ghaner, N. D. Belykh. *Zhur. neorg. khim.* 11 no. 2:386-391 F '66.
- Some selenocyanate complexes of zinc and cadmium studied by the powder method. G. V. Tsintadze, V. V. Skopenko, A. E. Shvelashvili. *Soob. AN Gruz. SSR* 41 no. 2:337-342 F '66.
- Spectrophotometric study of the system Se(IV) - Mo(VI) - thion D - formic acid - o-phenylenediamine. Z. F. Shakhova, S. A. Gavrilova, V. F. Zakharova. *Vest. Mosk. un. Ser. 2: Khim.* 21 no. 1:88-90 Ja-F '66.
- Study of intermolecular reactions in ternary salt systems by the methods of physicochemical analysis. N. F. Ermolenko, G. I. Vasil'eva. *Vest. AN BSSR, Ser. khim. nav.* no. 4:123-125 '65.
- Study of intermolecular reactions of ternary systems involving citric acid by the methods of physicochemical analysis. G. I. Vasil'eva, N. F. Ermolenko, V. V. Sanchuk. *Vest. AN BSSR, Ser. khim. nav.* no. 4:126-128 '65.

COMPLEX COMPOUNDS—SPECTRA

Effect of the transition of spin density from the paramagnetic complex to cleaving-off ligands. A. I. Rivkind, I. U. Fabelkov. *Zhur. strukt. khim.* 7 no. 1:30-37 Ja-F '66.

Use of phosphorescence for determining inorganic impurities in frozen solutions. E. A. Bozhavol'nov, E. A. Solov'ev. *Trudy IRLA* no. 37:244-250 '65.

COMPLEXONS

- Complexometric determination of indium in magnesium alloys. R. S. Volodarskii, N. A. Kanaev, G. N. Derevisko. *Zav. lab.* 32 no. 4:413 '66.
- Complexometric determination of polycationic medicinal mixtures. T. V. Koval'chuk, O. M. Kaban. *Farmatsev. zhurn.* 20 no. 2:20-35 '65.
- Complexometric determination of thorium in uranium in the presence of tributyl phosphate. A. I. Rabinin, I. U. A. Afanas'ev. *Zhur. anal. khim.* 21 no. 3:371-376 '66.
- Complexometric method of determining aluminum, zinc, and calcium content of organic compounds. A. A. Zelenetsova, I. M. Vorontsova. *Mosl. zhurn. prom.* 32 no. 2:22-23 F '66.
- Determination of yttrium and beryllium present together by means of complexometric titration. M. P. Borzenkova. *Vest. Mosk. un. Ser. 2: Khim.* 21 no. 1:50-53 Ja-F '66.
- Effect of complexons on the pollen germination. U. A. Petrochenko. *Nauch. dokl. vya. shkoly; biol. nauk* no. 2:149-152 '66.
- New complexometric indicator for copper. I. S. Mustafin, N. N. Gorkinova, N. S. Piumina. *Zav. lab.* 31 no. 7:786-788 '65.

CONDITIONED RESPONSE (Continued)

- Dissociation of conditioned reflexes in monkeys to "absolute" and "relative" stimuli following the alteration of their signal meaning.** I. U. A. Zakharov, Zhur. vys. nov. delat. 10 no. 2:218-224 Mr-Apr '66.
- Effect of compazine on the generation of conditioned reflexes in small laboratory animals.** R. M. Kholm. Farm. i toks. 28 no. 2:337-340 Mr-Apr '66.
- Effect of differential and positive conditioned stimuli during the aftereffect of conditioned excitation and differential inhibition.** D. V. Macharashvili, Zhur. vys. nov. delat. 10 no. 2:372-373 Mr-Apr '66.
- Effect of indopon on the conditioned reflex activity in rabbits.** N. F. Roshchin, Farm. i toks. 28 no. 4:334-338 Ji-Ag '66.
- Effect of small doses of Schizandra chinensis on conditioned orientation reflexes of healthy and irradiated dogs.** O. N. Voeyvodina, V. D. Volnova, Farm. i toks. 28 no. 2:335-337 Mr-Apr '66.
- Effect of small doses of scopalamine and amphetamine on the electrical activity of the cortex, reticular formation and some portions of the hypothalamus in defense (avoidance) conditioned reflex in rabbits.** I. V. Kalitay, B. I. Kotlar, Biol. eksp. i med. 61 no. 4:69-73 Mi '66.
- Effect of the destruction of the dorsal section of the hippocampus on conditioned alimentary reflexes in cats.** N. A. Ratygin, Zhur. vys. nov. delat. 10 no. 2:203-208 Mr-Apr '66.
- Effect of the formation of conditioned defense reflex on local high-amplitude oscillations of the biopotential in the cortex and subcortical formations in rabbits.** I. N. Kulpat, Zhur. vys. nov. delat. 10 no. 2:193-202 Mi-Apr '66.
- Electroencephalographic study of the dynamics of nervous processes in the intervals between rhythmic conditioned responses.** I. S. Dobonova, Zhur. vys. nov. delat. 10 no. 2:300-302 Mi-Apr '66.
- Formation of visual conditioned reflexes in early ontogeny.** V. O. Toshikhin, Fiziol. zhur. [Ukr.] 10 no. 6:703-708 N-D '64.
- Higher nervous activity and immunological reactivity of cattle following immunization against brucellosis.** I. F. Kuzakov, Uch. zap. KVI 93:154-158 '64.
- Interoception of the genetic apparatus and the physiological function of the neuron in the mechanism of conditioned reflexes and memory.** F. Z. Moisson, R. I. Kruglikov, Zhur. vys. nov. delat. 10 no. 2:274-291 Mr-Apr '66.
- Interrelationships between the cerebral hemispheres in developing conditioned reflex to an isolated stimulation of one ear.** V. M. Mosolova, N. B. Shereshova, Sob. AN Gruz. SSR 41 no. 2:145-150 F '66.
- Methodology of simultaneous recording of the motor and sensory components of alimentary conditioned response in puppies.** V. V. Strel'tsy, L. D. Tikhomirova, Fiziol. zhur. [Ukr.] 10 no. 6:821-823 N-D '61.
- Mosolova, V. M.** [Significance of the acoustic region of the cerebral cortex in conditioned reflex activity] Znachenie slukhovoi oblasti kory gotovnogo mozga v usloviyakh refleksivnoy deiatelnosti. Tbilisi, Metsniereba, 1965. 156 p.
- New data on the role of different regions of the dog brain in conditioned reflex activity.** V. L. Blank, Vop. sv. fiziol. anal. no. 2:46-65 '66.
- Organization of protracted (systemic) nervous processes of the brain.** N. P. Murav'eva, Zhur. vys. nov. delat. 10 no. 2:203-215 Mi-Apr '66.
- Participation of the cerebral cortex and optic thalamus in the organization of alimentary conditioned and unconditioned reflexes.** L. N. Gavrilova, Zhur. vys. nov. delat. 10 no. 2:225-232 Mr-Apr '66.
- Semiautomatic device for the development of defense conditioned reflexes in rats.** N. P. Speranskaya, V. A. Krivopalov, Farm. i toks. 20 no. 2:250-252 Mr-Apr '66.
- Study of sucking reflexes in dogs.** M. A. Gerd, Zhur. vys. nov. delat. 10 no. 2:240-243 Mr-Apr '66.
- Use of elementary defense conditioned reflexes in a comparative evaluation of psychopharmacological agents.** B. I. Lubimov, Farm. i toks. 28 no. 4:399-402 Ji-Ag '65.

CONDUCT OF LIFE

- Developing a sense of duty.** V mire knig 6 no. 3:1 Mr '66.
- The light of goodness.** Ella Chernova, V mire knig 6 no. 3:6-7 Mr '66.
- Militants, V. B.** [Inspiration in the wings of the fighter] Odrzhimost' - krylia borby. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. X Seriya; Molodezhnaya, no. 8).
- Play without rules.** Varvara Karbovskaya, Sem'ia i shkola 21 no. 2:47-48 F '66.

CONDUCTOMETRIC ANALYSIS

- Amperometric and potentiometric titration of thallium with thiourea.** I. U. Usatlenko, L. M. Kutsenko, Zav. lab. 32 no. 4:398-400 '66.
- Amperometric titration of bromides in medicinal preparations and forms.** M. K. Abramov, Apt. delo 13 no. 8:38-41 N-D '61.

Amperometric titration of palladium and silver when placed together. O. A. Songina, V. F. Pashchenko, P. I. Maslova, Zav. lab. 31 no. 6:661-663 '65.

Amperometric titration using a permanganate reference electrode. A. I. Usviatov, O. A. Songina, Zav. lab. 31 no. 6:653-656 '65.

Chromoductometric analysis of mixtures of HCl and hydrochlorides of hexamethylenediamine, hexamethylenimine and aminonitrile. T. A. Khudjakova, V. N. Vaganova, Zhur. prikl. khim. 38 no. 2:117-119 F '65.

Conductometric titration of cellulose sulfate polyadditions in the presence of foreign electrolytes. G. A. Petrovskiy, M. M. Krunchak, Zhur. prikl. khim. 38 no. 1:170-176 Ja '66.

Determination of chromium in alloyed steels by amperometric titration with two indicator electrodes. A. I. Filenko, Zav. lab. 32 no. 3:237 '66.

Development of highly sensitive micro methods for determining small amounts of molybdenum and other elements based on amperometry, visual colorimetry, and photometry. Report No. 1: Methods of determining microgram quantities of molybdenum and the prospects for increasing the sensitivity of the kinetic method for its determination based on amperometry (survey). I. G. Shafran, V. P. Rozenblum, M. V. Pavlova, Trudy IREA no. 27:158-168 '65.

High-frequency titration. Report No. 1: Polyethylene polymers. I. P. Kaylova, S. I. Babayeva, V. A. Zarin-skii, Zhur. anal. khim. 21 no. 3:333-338 '66.

Report No. 2 Theoretical principles of the use of amperometry in the kinetic methods for determining molybdenum and some other elements (survey). V. P. Rozenblum, I. G. Shafran, Trudy IREA no. 27:189-207 '65.

Report No. 3: Kinetic biampereometric microdetermination of nanogram quantities of molybdenum. I. G. Shafran, V. P. Rozenblum, Trudy IREA no. 27:207-214 '65.

CONFECTIONERY

Coordinating conference on the use of natural food colors in confectionery. L. I. Medvedeva, S. D. Shteinbok, Raz. res. 2 no. 1:145-116 '65.

Rapid method for the preparation of sugar mass. M. M. Isomina, R. A. Gaiser, M. B. Eligor, Khleb. i kond. prom. 10 no. 4:15-18 Ap '66.

CONFECTIONERY—ANALYSIS

Improved refractometric method. A. G. Kruglikov, A. P. Azila, Khleb. i kond. prom. 10 no. 1:39-40 Ap '66.

CONFECTIONERY—PACKAGING

Indirect expenditures and their effect on profitability. L. Landu, Bukh. uch. 10 no. 4:47-49 Ap '66.

CONFECTIONERY INDUSTRY—EQUIPMENT AND SUPPLIES

Automatic temperature regulation in confectionery ovens with infrared heating. L. L. Sobol', Khleb. i kond. prom. 10 no. 4:16-21 Ap '66.

CONFECTIONERY INDUSTRY—MANAGEMENT see subdivision under Moscow

CONFORMAL MAPPING

Behavior of a spatial quasi-conformal mapping on plane cross sections of the region of definition. A. P. Kopylov, Dokl. AN SSSR 167 no. 4:743-746 Ap '66.

Conformal mapping of a half-plane on a half-plane with a notch. G. G. Grebenkin, Ukr. mat. zhur. 18 no. 2:113-117 '68.

CONGLOMERATE see subdivision under Turkmenistan

CONGRESSES AND CONVENTIONS

[Bulletin of international scientific meetings, conferences, and congresses] Bul. mezhdunar. nauch. s'ezhd., konf. i kongr. 12 no. 12 '65.

CONGRUENCES (GEOMETRY)

Normalized congruences of straight lines. G. N. Tsvetadze, Sob. AN Gruz. SSR 41 no. 3:521-528 Mr '66.

CONGRUENCES AND RESIDUES

Conversion of numbers from a system of residual classes to a positional number system. M. G. Gogoberidze, Sob. AN Gruz. SSR 41 no. 2:407-414 F '66.

Focal T-pairs with inverse and direct congruences of developable surfaces. G. N. Makeev, Izv. vys. ucheb. zav. imat. no. 2:52-68 '66.

CONSCIENCE

The category of conscience as a specific form of the reflection of ethical relations. I. I. Rezvitskii, Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Filos. no. 7:160-169 '65.

CONSERVATORIES OF MUSIC see subdivision under Moscow

CONSTRUCTION EQUIPMENT

(see also subdivision under Omsk, Uzbekistan)

Development of a building materials production base for construction. M. Krotova, L. Poliskov, Fin. SSSR 40 no. 4:52-54 Ap '66.

Devices for assembling precast elements. S. Chirnyshov, Stroitel. i arkh. 12 no. 3:31-32 Mi '64.

Incentives for introducing new machinery. Stroitel. i arkh. 12 no. 2:48-51 F '66.

Mobile equipment for preparing foundation blocks. I. A. Sukovskii, Stroitel. i arkh. 12 no. 2:10-12 F '66.

New machinery in the municipal economy. N. P. Plotnikov, Gos. khoz. Mosk. 39 no. 3:28-32 Mi '65.

Precast-day equipment is a guarantee of the high quality of precast reinforced concrete. L. B. Gershteyn, I. B. Gershteyn, Stroitel. i arkh. 12 no. 1:1-5 Ap '66.

CONSTRUCTION EQUIPMENT—ABSTRACTS

[Construction equipment and road machinery] Ref. zhur. Stroitel. i dor. mash. nos. 3-4 Mi-Apr '66.

CONSTRUCTION EQUIPMENT—CONGRESSES

Mezhdunarodnyi simpozium po stroitel'nyim dorozhnyim mashinam, Moscow, 1964. [International Symposium on Construction and Road Equipment, Moscow 1964, materials] Mezhdunarodnyi simpozium po stroitel'nyim dorozhnyim mashinam, Moskva 1964, [materials] Pod obshchego red. V. K. Rostotskogo Moskva, NII dlya otkommunish, 1965. 278 p.

CONSTRUCTION EQUIPMENT—MAINTENANCE AND REPAIR

Inspection is needed where the work is done. I. Lulk, Ia. Vainkov, Transp. stroit. 15 no. 8:59 Ag '65.

CONSTRUCTION INDUSTRY

(see also subdivision under Caucasus, Northern, Kharkov, Leningrad, Mongolia, Moscow, Saratov Province, Soviet Far East, Tashkent, Ukraine, Uzbekistan, Vol'sk, Saratov Province)

Bring contractual and claim work up to the standard of present-day tasks. R. Khachatov, Stroitel. i arkh. 12 no. 2:47-10 F '66.

By the Lenin path to communism! Stroitel. i arkh. 12 no. 15 no. 4:1-2 Ap '66.

Content of plans for executing work. Ia. K. Deller, A. S. Nikiforov, I. A. Logachev, Mont. i spets. rab. v stroit. 25 no. 12:20-24 D '63.

From readers' letters. Eksp. stroit. 8 no. 5:62-64 My '66.

In the Ministry of Construction of the R. S. F. S. R. Na stroit. Ros. 7 no. 3:30 Mr '66.

In the State Committee on Construction of the R. S. F. S. R. Na stroit. Ros. 7 no. 3:31 Mr '66.

In the State Committee on Construction of the U. S. S. R. Stroitel. i arkh. 12 no. 2:51 F '66.

Living creative work of the masses. Transp. stroit. 15 no. 8:1-2 Ag '65.

Production base of a construction organization. V. Bogdanov, A. Eliseev, Sov. poteb. koop. 10 no. 4:10-21 Ap '66.

Reliable ways of saving steel, cement, and power. Na stroit. Ros. 7 no. 3:28 Mr '66.

Specialization in housing and civilian-purpose construction is an urgent problem. A. Popov, Stroitel. i arkh. 12 no. 3:22-23 Mr '64.

CONSTRUCTION INDUSTRY—ACCOUNTING

(see also subdivision under Kazakhstan)
Improve the accounting in housing construction combines. V. Zhuravleva, Bukh. uch. 10 no. 4:23-29 Ap '66.

CONSTRUCTION INDUSTRY—COSTS

(see also subdivision under Leningrad)
Readers ask. Eksp. stroit. 8 no. 5:65-67 My '66.

CONSTRUCTION INDUSTRY—EXHIBITIONS

Frunze Quay, No. 30. M. Snesareva, Inform. blud. VDNKII no. 3:16-18 Mr '66.

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Moscow)
Make a more efficient use of capital investments in construction. Inform. blud. VDNKII no. 3:2-3 Mi '66.

Problems of improving financing, leasing of credit, and payments in construction. G. Podshivalko, T. Rybakova, Fin. SSSR 10 no. 4:92-94 Ap '66.

CONSTRUCTION INDUSTRY—HYGIENIC ASPECTS

Two construction projects and two standards of industrial hygiene. A. Sargeev, Okhr. truda i sots. strakh. 9 no. 4:10-13 Ap '66.

CONSTRUCTION INDUSTRY—MANAGEMENT

(see also subdivision under Altai Territory; Bakhsh; Moscow, Rostov-on-Don, Stavropol; Ukraine; Voronezh)

Contracting construction organizations in the new five-year plan. R. Krylov, Eksp. stroit. 8 no. 8:10-15 My '66.

Economic service of construction organizations. Eksp. stroit. 8 no. 5:52-54 My '66.

Improve the structure of construction organizations. V. Zmailov, Eksp. stroit. 8 no. 5:55-58 My '66.

Proportions in a branch plan of capital construction. A. Mitrofanov, Plan. khoz. 43 no. 5:51-63 My '66.

CONSTRUCTION INDUSTRY—MANAGEMENT (Continued)
[The decisions of the 23rd Congress of the CPSU Industry, Planning, and Construction, 1965, 1-9 May]

Vasilevich, B.S. [Scientific and technical progress and the improvement of economic efficiency in construction] Nauchno-tekhnicheskiy progress i prikladnaya ekonomicheskaya effektivnost' v stroitel'stve. Moskva, Ekonomika, 1961. 189 p.

CONSTRUCTION INDUSTRY—PERSONNEL MANAGEMENT

[Manual for the worker of the personnel department in construction] Spravochnik rabotnika otdela kadrov na stroitel'stve. Kiev, Budivelnik, 1966. 239 p.

CONSTRUCTION INDUSTRY—PRODUCTION STANDARDS

Moscow, Nauchno-issledovatel'skiy institut ekonomiki stroitel'stva. [Collection of standard estimates of labor expenditures and wages for the construction of large-panel apartment houses according to series 1-335A standard designs, general construction, finishing, sanitary engineering, and electrical installation work] Sbornik tipovykh tsifrovykh tsen na stroitel'stvo i zaobrazovatelnykh stroitel'stvo i upravleniye zhilykh domov po tipovym proektam serii 1-335A, obshchieshtroitel'stvo, otdelochnye, sanitarno-tekhnicheskie i elektromontazhnye raboty. Moskva, Stroiizdat, 1965. 205 p.

Problems of the establishment of work norms and wages for construction workers. Ekonomika 8 no. 5:67-69 May '66.

Cost structure and indices of the fulfillment of the plan based on the "MFR" Standard Production Cost Index. V. Zaitsev, V. Kuznetsov, D. Shapovalov. Informatsiya VDNKh no. 3:19-20 May '66.

CONSTRUCTION INDUSTRY—SAFETY MEASURES

Freight and passenger elevators for the construction industry. A.I. Kodkin. Bezopasnost' v prom. 7 no. 11:22-24 Nov '63.

CONSTRUCTION INDUSTRY—SCHEDULING

(see also subdivision under: Calculations, Northern; Ferguson)

Network scheduling of the construction of second tracks. G.I. Kozel'skiy. Transp. stroit. 15 no. 8:4-5 Aug '65.
Use of network graphs in the administration and control of assembly-line building of structures of the Buzhiv State Regional Electric Power Station. P.I. Vainikov and others. Energ. stroit. no. 36:3-10 Feb '61.

CONSTRUCTION INDUSTRY—STANDARDS

Role and importance of standardization in the construction industry. V.I. Obratsov. Mat. i dok. po ist. stand. no. 4:35 '65.

Solid base for the standardization of buildings. A.F. Lofelt. Mat. i dok. po ist. stand. no. 4:34 '65.

CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS

Foreign practice. Nauch. i inzh. razrab. 24 no. 3:33-36 Mar '66.

CONSTRUCTION WORKERS

(see also subdivision under: Perm Province)

Decision No. 3 of the Plenum of the Supreme Court of the U.S.S.R. of April 9, 1965, supplementing Decision No. 4 of the Plenum of the Supreme Court of the U.S.S.R. of March 25, 1964, entitled, "Implementation by courts of the Decree of the Presidium of the Supreme Soviet of the U.S.S.R. of March 20, 1964, known as 'Conditional release from places of detention of convicts showing reformed conduct for work on the construction of enterprises of the national economy'" Bliz. V. i zh. Suda no. 3:12-13 '65.

Heroes of Socialist Labor. Transp. stroit. 15 no. 8:3 Aug '65.

CONSTRUCTION WORKERS—EDUCATION AND TRAINING

Important factor in the improvement of construction. N. Arkimova. Plan. ihoz. 13 no. 5:27-34 May '65.

Let's develop the training of fitters for the new construction projects of the country. I. A. Iemlev, L. Eldin. Prof. i tekhn. obr. 23 no. 4:3-5 Apr '66.

CONSUMER CREDIT

Simplify payments for goods sold on credit. M. Nesterov, K. Korotkov. Buikg. uch. no. 3:44-49 Mar '66.

CONSUMER CREDIT—LAWS see subdivision under: Kazan

CONSUMPTION (ECONOMICS)

Concentration of the sphere of consumption. F.N. Orekhovich. Uch. zap. kaf. polit. ekon. no. 6:70-80 '65.
Use of the national income of the U.S.S.R. for consumption and accumulation. Vest. stat. no. 4:95 '66.

CONTAINERS

[Flexible containers on ships] Sudovye mlagkie emkost. [By] V.E. Magula i dr. Leningrad, Sudostroenie, 1960. 287 p.

Using two-layer steels for manufacturing containers. S.A. Gladyshevskaya and others. Khim. i nef. mashinost. no. 4:26-27 Apr '66.

CONTAINERS—ABSTRACTS

[Container shipments and the interaction of various types of transportation] Ref. zh. Vysimodel's raz. vid. transp. i konteynerov nos. 3-1 Mr-Apr '66. Prikladnaya tekh. i tekhn. 1965 g.

CONTINUOUS FUNCTIONS see Functions, Continuous

CONTRACTS, AGRICULTURAL

A new forward contractual agreement. Zakup. sel'khoz. prod. no. 2:2-3 Feb '66.

CONTRAST MEDIA

Method of thylammoniumthylencanidine- β -2,4,6-triiodophenyl- β -D-glucopyranoside as a contrast medium for peroral cholecystography. S.B. Plintauzova, R.D. Samoilova, O.D. Letvinova. Radiotekhnika i elektronika 10 no. 1:1-7 Jan '61.
Methodology of intravenous dipterostography in clinical practice. A.A. Telegina. Vopr. med. fiziol. 30 no. 1:33-36 Jan-Feb '66.

Relation between X-ray contrast media and plasma protein fractions in albino rats. P.V. Sergeev, V.A. Chistakov. Fiziol. i dok. 28 no. 1:166-167 Jan-Aug '65.

CONTRAST MEDIA—PHYSIOLOGICAL EFFECT

Elimination and prevention of bilignost-induced tremor in white mice. P.M. Dozoriseva. Farm. i dok. 28 no. 2:206-208 Mar-Apr '65.

CONTRAVENTIONS (CRIMINAL LAW)

Decision No. 1 of the Plenum of the Supreme Court of the U.S.S.R. of April 9, 1965, entitled "Court practices in transmitting cases and materials to comrades' courts for determination" Bliz. V. i zh. Suda no. 3:7-10 '65.

CONTROLLERSHIP, COMMUNIST see Auditing and Inspection

CONVERGENCE

Buildup of coefficients of series converging to the Haas or Walsh systems and also converging to functions integrable in the sense of Denjoy. F.G. Avdeyev. Izv. AN SSSR, Ser. mat. 30 no. 2:325-344 '65.

Convergence of absolutely continuous functions and their derivatives. G.I. Aleshin, S. Agshinadov. Izv. vuz. i tekhn. i dok. no. 2:3-8 Feb '66.

Convergence of the approximate natural frequencies of the vibrations of a free beam of variable parameters to the exact frequencies of the problem. G.I. Kukhta. Dokl. AN URSR no. 2:151-154 '66.

Rate of convergence of certain approximate methods of the Galerkin type in the eigenvalue problem. G.M. Vainikko. Izv. vuz. i tekhn. i dok. no. 2:37-45 '66.

CONVERGENCE (BIOLOGY)

Principle of the convergence of analysis in the evolution of animals. P. Sh. Altrapants and others. Vopr. srav. fiziol. anal. no. 2:7-24 '66.

CONVERTERS

(see also subdivision under: Novy Lipetsk, Liptetsk Province)

Determination of heat losses by 100-ton oxygen-blown converters into the surrounding medium. A.E. Prikhozhenko and others. Mel. i gorn. i dok. no. 2:26-27 Mr-Apr '66.

Optical and physical properties of gas flow in basic oxygen-blown converters in the visible part of the radiation spectrum and their connection with the technological parameters of smelting. V.I. Alovskiy and others. Spets. i tekhn. i dok. no. 4:100-111 '66.

CONVERTERS—DESIGN AND CONSTRUCTION

Studying the performance of a converter with air and steam-oxygen bottom blowing. V.S. Kocho and others. Vopr. prozv. stali no. 10:150-155 '65.

CONVEYING MACHINERY

Light sealing of conveying equipment. N.I. Chertkov, M.I. Vashilina. Mash. i tekhn. i dok. no. 2:36-38 Feb '66.

Aleksandrov, A.P. [Methodological manual on the selection of efficient units of hoisting and conveying machinery for assembling fully prefabricated buildings, for students and graduate correspondence students specializing in fully prefabricated construction] Uchebno-metodicheskoe posobie po vyboru ratsional'nykh komplektov pod "omno-transportnykh mashin dlia montazha potrebnykh zdaniy dlia studentov i diplomirovannykh spetsialistov PGS. Moskva, Vses. nauchnyy in-t inzhenerov zhelezn. i avtom. transporta, 1965. 122 p.

Automatic positioning system with a monorail base. A.S. Karasov, A.L. Terkel. Avtom. i tekhn. i dok. no. 3:11-14 Mr '66.

Considering the mass of transported freight in calculating a vibratory conveyor. V.K.D'yachkov, A.S. Kotov. Mekh. i avtom. i dok. no. 4:26-28 Apr '66.

Determining the number of conveying devices for excavation work. S.S. Ul'rikh. Transp. stroit. 15 no. 8:30-41 Aug '65.

Device for stopping conveyors. V.N. Kondrashov. Dopr. i dok. no. 4:31 Apr '66.

Flour push conveyors for mechanizing the intrashop transportation. I.U. A. Perten, A.P. Elizarov, N.I. Lavitskiy. Proizv. 20 no. 1:8-12 Apr '66.

Galperin, M.M. [Mechanization of intraplant transportation in weaving enterprises, the cotton industry] Mekh. i avtom. i dok. no. 4:26-28 Apr '66.

Inclined vibratory conveyor with an eccentric drive. I.T. Goncharov and others. Bliz. V. i zh. Suda no. 3:51-53 Mr '66.

Loaders and transporters for agriculture. M.N. Faleev, G.T. Mingkov. Trakt. i sel'khoz. mash. no. 4:16-19 Apr '66.

Lev conveyor line. P.D. Pavlov. Mashinostroitel' no. 3:23 Apr '66.

Overall mechanization and automation of the intrashop conveying in machiney plants. B.A. Annamov. Mekh. i avtom. i dok. no. 3:51-56 Mr '66.

Overhead-conveying crane tracks with guides spacing 12 meters. A.D. Liberman and others. Stroit. i dok. no. 3:5-12 '65.

The RUK-3 device for the automatization of mine conveyors. P.G. Kovyzhenko. Bezop. truda v prom. 7 no. 11:27 '63.

Screw conveyors for slag transportation. V.V. Polakof, V.V. Popov. Elek. sta. 36 no. 7:74-75 Jul '65.

Unit for conveying solvents. V.I. Baginov. Bliz. V. i zh. Suda no. 3:50-51 Mr '66.

Unloading support. V.R. Mitushin. Mashinostroitel' no. 4:31 Apr '66.

Vibrating and pulsed chip conveyors. M.I. Logvin. Mashinostroitel' no. 1:37-38 Apr '66.

CONVEYING MACHINERY—DESIGN AND CONSTRUCTION

Improving the charging hopper of a belt conveyor for ore transportation. V.S. Bondarev, I.S. Petukhov, V.L. Kovalenko. Mel. i gorn. i dok. no. 2:59-61 Mr-Apr '66.

CONVEYING MACHINERY—DYNAMICS

Dynamics of vibration conveyors with spiral troughs. I.U. Kovylina. Fiz. i tekhn. i dok. no. 1:70-78 '66.

CONVEYING MACHINERY—MAINTENANCE AND REPAIR

Gripping tongs for round-headed bolts. M.P. Subbata. Mash. i tekhn. i dok. no. 3:46 Mr '66.

CONVEYING MACHINERY—TESTING

Experimental determination of the coefficient of coupling of a belt with supporting elements (cross-pieces) on the KLT-3 belt-chain conveyors. B.Z. Ovcharov, A.I. Rjabkov. Izv. vuz. i tekhn. i dok. no. 2:83-87 '66.

Industrial testing of some new varieties of conveyor belt joints. V.A. Pomomarenko, L.I. Eppel, N.S. Khlebnikov. Ugol. i dok. no. 4:28-29 Apr '66.

CONVEYING MACHINERY—VIBRATION

Vibration problem of flexible conveyor belts. I.U. P. Maksimovich. Fiz. i tekhn. i dok. no. 1:116-120 '66.

CONVULSIONS

Effect of eclampsia on the fundamental indices of the physical development of newborn infants. N.M. Shani sadniskaja. Azerb. med. zh. 42 no. 12:54-58 Dec '65.

COOLING TOWERS—WATERPROOFING

Waterproofing elements of cooling towers for heat and electric power plants. A.P. Iakovskiy. Bud. mat. i konstr. 7 no. 4:40-41 Jan-Aug '65.

COOPERATIVE AGRICULTURE see Agriculture, Cooperative

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE MARKETING OF FARM PRODUCE see subdivision under: Krasnodar Territory, Lyubertsy District

COOPERATIVE SOCIETIES

(see also subdivision under: Aitai Territory; Communist countries; Podolsk District; Sumy Province; Voronezh Province)

For the prosperity and happiness of the Soviet people. Sov. potreb. koop. 10 no. 4:2-4 Apr '66.
News from the fields. Sov. potreb. koop. 10 no. 4:5-6 Apr '66.

COOPERATIVE SOCIETIES—ACCOUNTING

Conference on the mechanization of accounting. Sov. potreb. koop. 10 no. 4:16 Apr '66.

COOPERATIVE SOCIETIES—HYGIENIC ASPECTS

Disbursements for industrial hygiene. V. Ostrov. Sov. potreb. koop. 10 no. 4:61-62 Apr '66.

COOPERATIVE SOCIETIES—OFFICIALS AND EMPLOYEES

see subdivision under Belogorsk District

COORDINATES

Determination of the spatial coordinates of noctilucent clouds. M. A. Dul'kis, S. V. Evdokimenko, I. U. L. Prantemni, Meteor. Izv. no. 12:47-51 '66.

COPPER—ANALYSIS

New complexometric indicator for copper. I. A. Mustafin, N. N. Gornunova, N. S. Piumlon, Zav. lab. 31 no. 7:786-788 '65.

Spectrophotometric determination of copper in gallium as selenite, metallic gallium, and as selenite using neocupronine. M. Kalitchev, V. Pechenkova, Zhur. anal. khim., 21 no. 3:260-263 '66.

COPPER—EFFECT ON PLANTS

see Plants, Effect of copper on

COPPER—ELECTROMETALLURGY

Studying the physicochemical properties of molten slags from the electric smelting of copper. P. N. Baktydzhev, A. V. Vashukov, Sbor. inst. stali i splav. no. 11:107-110 '66.

COPPER—METALLURGY

Discussing a book before re-editing II. S. O. Akopian, TSvet. met. 39 no. 4:87-88 Ap '66.

Latest changes in reverberatory furnace practices in Soviet copper smelting plants. V. I. Smirnov, V. D. Mishin, B. V. Lebed', TSvet. met. 39 no. 4:33-39 Ap '66.

COPPER—PHYSIOLOGICAL EFFECT

Effect of copper ions on the biosynthesis of ascorbic acid in the organism of albino rats. L. V. Krikova, Vop. pit. 23 no. 4:77-80 My-Je '61.

COPPER—THERMOELECTRIC PROPERTIES

Electrical and thermoelectric properties of thin copper films. K. K. Zhil'ik, Fiz. met. i metalloved. 21 no. 3:316-350 Mi '66.

COPPER—TOXICOLOGY

Mechanism of the participation of copper in the pathogenesis of acute dysentery. N. N. Ostrovskii, Sov. med. 29 no. 3:78-79 Mr '66.

COPPER—WELDING

Welding of heat-resistant ceramic metal copper-base alloys with cast copper by the dynamic pressing method. I. I. G. Dorofeev, N. T. Zhezditskii, Porosh. met. 6 no. 4:79-81 Ap '66.

COPPER ALLOYS—TESTING

Mechanical properties of the Br-NBT alloy at various temperatures. V. L. Kucherov and others, TSvet. met. 39 no. 4:74-76 Ap '66.

COPPER CATALYSTS

Catalytic effect of bivalent copper ions on the interaction of perchlorate with thiocyanate. V. M. Tatarsan, L. G. Mushkietim, M. G. Ekimkin, Dokl. AN Arm. SSR. 42 no. 1:16-22 '66.

COPPER—CHROMIUM ALLOYS—ELECTROMETALLURGY

Making chromium bronze in electric slag units. V. M. Morzhayev, V. P. Didkovskii, TSvet. met. 39 no. 3:63-65 Mi '66.

COPPER COMPOUNDS

Copper complexes of peptides of polyfunctional amino acids: aspartic, ornithine, and lysine. N. A. Poddubnaya, A. Khmed M. el' Naggat, L. A. Lublinskaya, Zhur. ob. khim., 36 no. 4:664-670 Ap '66.

Study of some copper complexes of peptides. A. P. Borisova, L. N. Akimova, I. A. Savich, Vest. Mosk. un. Ser. 2 Khim. 21 no. 1:87-90 '66.

COPPER COMPOUNDS—SPECTRA

Complex compound of copper (II) with homologs of pyridine and their electron paramagnetic resonance spectra. I. V. Miroslavchenko and others, Zhur. neorg. khim., 11 no. 2:331-334 F '66.

Electron paramagnetic resonance method of studying copper (II) inner-complex compounds with benzene-azo- α -naphthol derivatives. I. V. Miroslavchenko and others, Teoret. i ekspr. khim. 2 no. 1:131-136 '66.

COPPER CRYSTALS

Method for studying diffusion in whiskers. B. S. Bokshteyn, A. A. Zhukhovitskii, G. G. Surmava, Zav. lab. 32 no. 4:439-442 '66.

COPPER CRYSTALS—GROWTH

Production and shape of copper whiskers. F. N. Tavazde, G. G. Surmava, Soob. AN Gruz. SSR. 11 no. 3:549-554 Mr '66.

COPPER ELECTRODES

see Electrodes, Copper

COPPER IN THE BODY

Copper balance in the organism of newborn girls. N. M. Voloshinov, Vop. pit. 25 no. 2:48-51 Mr-Apr '66.

COPPER INDUSTRY—ECONOMIC ASPECTS

Technical progress and economic aspects of the copper industry. A. K. Shakhmazarov, TSvet. met. 39 no. 3:26-31 Mr '66.

COPPER INDUSTRY—FRANCE

see subdivision under Zambia

COPPER METABOLISM

Effect of extirpation of solar plexus ganglia on the copper and manganese content in the blood. L. I. Khananov, Z. V. Kapiluk, Uvr. biokhim. zhur. 38 no. 2:132-135 '66.

COPPER MINES AND MINING—MANAGEMENT

see subdivision under Dzhezkazgan District

COPPER ORES

see subdivision under Dniester Valley, Kartli region, Georgia; Transbaikalia; Ukraine

COPPER—PHOSPHORUS ALLOYS

Change in the tendency of copper to form packing defects when alloying it with phosphorus. I. A. D. Vishniakov and others, Izv. AN SSSR, Neorg. mat. 2 no. 3:167-171 Mr '66.

COPPER PLATING

Bi-metallic steel-copper wurt for radio part outlets. A. L. Tsvetkovskii, B. B. Shukovskii, M. B. Nasakina, Stal' 26 no. 1:376-378 Ap '66.

Crystal lattice defects of electrolytic copper deposits studied by the thermoelectromotive force method. I. U. M. Polukarov, I. U. D. Gamburg, Elektr. khim. 2 no. 1:389-392 Ap '66.

X-ray diffraction examination of the crystal lattice defects of electrolytic copper deposits. I. U. M. Polukarov, I. U. D. Gamburg, Elektr. khim. 2 no. 1:467-491 Ap '66.

COPPER SALTS

Chemical bond in the compounds Cu_2S , Cu_2Se , and Cu_2Te . G. P. Sorokin, Zhur. fiz. khim. 40 no. 4:838-841 Ap '66.

Mechanism of copper stearate catalytic action in the oxidation of n-decane. Z. K. Mal'us, I. P. Skibida, N. M. Erumant', Zhur. fiz. khim. 10 no. 2:322-327 F '66.

COPPER-SILVER ALLOYS

Wetting high-melting metals with a silver-copper alloy. Z. A. Kazakevich, E. A. Zhemchuzhina, Sbor. inst. stali i splav. no. 41:316-321 '66.

COPPER-SILVER ALLOYS—METALLOGRAPHY

Relationship between the supply of material from a sample into the discharge zone and the process of dendrite picking of alloys. I. A. Grikt, F. G. Galushko, S. P. Chernyshova, Zav. lab. 32 no. 4:426-431 '66.

COPPER SULFIDES

Diffusion of copper in a sulfide scale in the course of its transport. M. M. Pavlyuchenko, I. I. Pokrovskii, G. I. Samoil', Vestsi AN BSSR, Ser. khim. nav. no. 4:115-117 '65.

COPPER-TIN ALLOYS

Isomer shifts of Sn119 nuclei in electron compounds of the system copper-tin. V. V. Chekin, V. G. Naumov, Zhur. eksp. i teor. fiz. 50 no. 3:534-536 Mr '66.

Structure of copper-tin electrolytic alloys. G. K. Buikal and others, Zhur. prikl. khim. 39 no. 1:702-705 Mr '66.

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Sutlov, D. M. [Copyright; publishing contracts, royalties] Avtorskoe pravo, izdatel'skie dogovory, avtorski gonorar. Moskva, Izdatel'skaya literatura, 1966. 160 p. (V voprosakh i ovladakh)

CORALS, FOSSIL

see subdivision under Caucasus; Kuznetak Basin

CORE DRILLING

(see also subdivision under Ozek-Suat Oil Field)
Determining stresses in a rock mass by the method of relieving the core with a central borehole. M. V. Kurilenka, Fiz.-tekhn. i obsl. razrab. put. i iskop. no. 1:104-108 '66.

COREMAKING

(see also subdivision under Donets Economic region)
Core mixtures with sulfite ash and an addition of saltpeter. I. U. A. Vodenkov, R. I. Perfilov, B. N. Timofeev, Lit. prosv. no. 3:41-42 Mr '66.

Production of cylinder bush cores and molds on jolting molding machines. L. A. Tkachenko, V. P. Shcherbina, Lit. prosv. no. 3:41-42 Mr '66.

Vat residues of synthetic fatty acids used for the preparation of the KO bonding agent for coremaking. L. M. Baryshevskii and others, Masl.-zhir. prom. 32 no. 2:16-18 F '66.

CORN (MAIZE)

(see also subdivision under Alma-Ata Province, Chikent Province; Chu Valley; Kant, Kirghizistan; Moscow Province; Sverdlovsk Province; Uzbekistan)
Characteristics of the intertillage of corn when using herbicides. F. B. Prankap, P. P. Lukashenko, Vestsi AN BSSR, Ser. sel'khoz. nav. no. 1:53-65 '66.

Different resistance of various corn types to the acidity of nutrient solutions. E. L. Klimashchikhin, Agroklim. no. 4:98-106 Ap '66.

Dying of cells of the parenchyma of the corn stem and the possibility of revitalization of their protoplasm. I. A. Dulyanov, Upr. bot. zhur. 23 no. 2:51-54 '66.

Effect of gibberellin on the growth and development of corn and tomatoes. P. S. Fedorov, L. G. Khammatova, Biol. Khim. 21 no. 5:39-42 '60.

Effect of pollination methods of the biochemical indices of corn seeds. P. S. Fedorov, E. A. Teplova, Biol. Khim. 21 no. 5:24-28 '60.

Effect of polymers on the structure of Chernozem and yield of corn. L. A. Krupnikova, N. I. Rogovskaya, Sbor. trud. po agron. fiz. no. 11:145-149 '65.

Kolobov, O. M. [Corn in the intensive system of agriculture] Kukurudza v intensivni sistem zmlerobstva. Kyiv, Tovarystvo dlia poshyennia polt. i naukovykh znan' Ukrainy'kol RSR, 1963. 44 p. (CNOTU)

Nucleic acids and nitrogen-containing compounds in corn plants. I. V. Matoshko, Vestsi AN BSSR, Ser. biol. nav. no. 1:130-132 '66.

Our practices in growing corn for grain. T. S. Omarov, Zemledel. 26 no. 11:66-68 N '64.

Some physical conditions in the plow layer of the soil in reducing the intertillage of corn. B. P. Goncharov, P. I. Smorodin, Sbor. trud. po agron. fiz. no. 11:147-149 '65.

CORN (MAIZE)—ANALYSIS

Chemical composition of the bleeding sap of corn as related to the nutrient conditions in carbonate-rich Chernozem soils. I. G. Goshchinskii, Efek. udob. v sel. Mold. no. 4:15-50 '65.

CORN (MAIZE)—ECONOMIC ASPECTS

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CORN (MAIZE)—FERTILIZERS AND MANURES

(see also subdivision under Chu Valley, Kabardino-Balkar A. S. S. R.)

Effect of the conditions of mineral nutrition on the content of the forms of phosphorus compounds in carbonate-rich Chernozem soils. I. G. Goshchinskii, Efek. udob. v sel. Mold. no. 4:15-50 '65.

Effect of the ratio of nutrients in fertilizers to the content of phosphorus compounds in corn plants. B. I. Tul'chinskii, Efek. udob. v sel. Mold. no. 4:30-37 '65.

Nutrient requirements of corn in typical Chernozem soils. B. I. Tul'chinskii, G. P. Potika, Efek. udob. v sel. Mold. no. 1:38-41 '65.

Study of the economics of fertilizers. I. A. Bogachuk, Zemledel. 26 no. 11:80-81 N '61.

CORN (MAIZE)—GENETIC RESEARCH

Complex interrelationship between genotype, cytoplasm, and environmental factors in the formation of male sterility in corn. V. P. Zholduzova, A. M. Pavilava, Vestsi AN BSSR, Ser. biol. nav. no. 1:44-51 '66.

CORN (MAIZE)—HARVESTING

Machines for harvesting forage crops for silage and corn for grain. P. T. Kolesnikov, A. P. Sobolev, Trakt. i sel'khoz. mash. no. 5:28-29 My '66.

CORN (MAIZE)—IRRIGATION

(see also subdivision under Azerbaijan; Crimea; Ossetia, North)

Irrigated corn. Zemledel. 26 no. 11:16-20 N '64.

Irrigation conditions and the basic methods for the cultivation practices of corn in irrigated lands. D. S. Filov, Vest. sel'khoz. nauk. 10 no. 3:20-24 Mr '65.

Measures for expanding the planting of corn for silage and increasing its yield in irrigated fields. E. E. Alekseevskii, Zemledel. 26 no. 11:21-25 N '64.

CORN (MAIZE)—MOISTURE

Hygroscopic properties of the corn embryo. V. V. Makarov, A. P. Prokhorova, E. I. Chutkova, Trudy VNIIZ. no. 53:179-183 '64.

CORN (MAIZE)—WATER REQUIREMENTS

(see also subdivision under Balkhash Lake region, Moldavia)

Determining the watering time of corn according to physiological indices. N. S. Gornunov, V. M. Petrunin, Fiziol. rast. 13 no. 2:356-367 Ma-Apr '66.

Effect of the depth of underground water in a peat soil on the growth, yield, and zinc assimilation in corn. V. M. Tsiarenko, V. D. Rakouski, Vestsi AN BSSR, Ser. biol. nav. no. 1:39-43 '66.

CORN BREEDING

(see also subdivision under Kirghizistan)

Difference in quality of the pollen of upper and lower flowers of the ear in corn inflorescence. I. A. Palemar-chuk, Vest. Mosk. un. Ser. 6 Biol., pozh. 21 no. 1:69-72 Ja-F '68.

Study and utilization of haploidy and polyploidy in corn breeding. B. F. Iudin, M. N. Kiviatova, Genetika. no. 3:60-67 '65.

Study of heterosis effect in corn hybrids of different reproductions. V. I. Mal'gau, Vestsi AN BSSR, Ser. biol. nav. no. 1:52-58 '68.

COUNARINS—SIDE EFFECTS

Case of anuria following use of dicoumarin. I L Kuznetsov Khirurgia 42 no. 4 130-131 Ap '66.

COUMARONE-INDENE RESINS

Combining coumarone-indene resins with furfural and acetone. B. V. Volkov and others. Koks i Khim. no. 4:40-42 '66.

COUNCIL FOR MUTUAL ECONOMIC ASSISTANCE see Mutual Economic Assistance Council

COUNTING DEVICES

Automatic counter. L. A. Eremina, V. F. Balaksheva. Put' i put'khoz. 10 no. 4 35 '66.

Device for measuring ratios of the rates of counting in nuclear geophysical explorations. A. P. Rozuvanov, V. A. Meier. Vop rad. geofiz. no. 6:74-76 '65.

COURAGE

The strong cannot perish. V. Novikov, V. Iakovlev. Mol komm no. 6 76-80 Je '64

COURSE—LINE COMPUTERS

Under computer conditions. N. Pimenov. Grahd, av. 23 no. 5 16-19 My '66

COURT RECORDS

Records and systematically arranged files on law in people's courts. A. Tsybin Sov. iust 30 no. 8 21-23 Ap '66.

Courts see subdivision under Chistopol' (Tatar A. S. S. R.), Georgia, Germany, West, Khabizistan; Latvia; Lithuania, Moldavia, Tatar A. S. S. R., Turkmenistan

COURTS—OFFICIALS AND EMPLOYEES see subdivision under Tatar A. S. S. R.

COVER CROPS

Use of agricultural crops in growing spot-seeded oak. I. V. Treshchevskii [Sbor. rab.] VNIILMI no. 43:102-110 '63.

COWS

Diagnosis of pregnancy in cows by the reaction of barium chloride with urine. K. A. Elpukov, N. S. Tsyganok. Veterinaria 42 no. 3:86-87 Mr '66.

COWS—DISEASES AND PESTS

Evaluating a new method for pericardiolomy in cows under farm conditions. V. V. Varnikov. Uch. zap. KVI 92:25-28 '64.

Reproductive function in cows after rumenotomy. A. I. Puchkovskii. Uch. zap. KVI 92:22-24 '64.

Results of the control of ateluliy in cows and heifers. A. S. Nikolaev, V. Gerasimov, A. Zvyahayl. Veterinaria 42 no. 3:86-88 Mr '66.

Use of opipheural novocaine block in a persistent corpus luteum in cows. V. G. Sal'nikov. Uch. zap. KVI 92 33-38 '64.

COWS—FEEDING AND FEEDS

Digestion of East Friesian and Jersey cows fed various rations. Mullo Shamsiev. Vest. sel'khoz. nauk 10 no. 3:73-76 Mr '65.

Effect of some microelements on the clinical and hematological indices in cows in the vicinity of Saransk. P. P. Golyshnikov. Uch. zap. Mord. gos. un. no. 17:93-98 '65.

Introduction of urea in the rations for lactating cows. T. U. Izmailov. Trudy AZVI 13:164-167 '64.

COXSACKIE VIRUSES

Pathomorphology of lesions of the fibers of skeletal muscles in experimental infection with coxsackie A viruses. I. U. Barshtein. Arkh. pat. 28 no. 2:68-75 '66.

CRACKING PROCESS

Catalytic hydrocracking of vacuum distillates using the hydrolizing installation of the Novokuybyshevsk Petroleum Refinery. A. V. Agafonov and others. Nefteper. i neftekhim no. 4:12-15 '66.

Cracking of n-heptadecane in the presence of silica gel modified by alkali treatment. G. M. Panchenkov and others. Neftekhimika 6 no. 2:211-215 Mr-Apr '65.

Diffusion factors in the process of coke formation on aluminum-silicon catalysts. M. E. Lovinier, G. M. Panchenkov, M. A. Tanatarov. Khim. i tekhn. topl. i masel 11 no. 3:9-13 Mr '66.

Kinetics of catalytic cracking in the fluidized bed of catalysts. G. M. Panchenkov and others. Khim. i tekhn. topl. i masel 10 no. 4:11-15 Ap '65.

Operation of a catalytic cracking plant used for the destructive desulfuration of diesel fuel fractions. E. A. Bugai, S. G. Prokopluk. Nefteper. i neftekhim. no. 4:3-6 '66.

Production of C₈ aromatic hydrocarbons by catalytic reforming of gasoline fractions. G. N. Maslanskii, S. A. Barkan, R. F. Pannikova. Neftekhimika 6 no. 1: 40-46 Ja-F '65.

Selecting the optimum conditions of cracking with the use of catalytic gas oil as recirculation agent. T. I. Zelnarov and others. Khim. i tekhn. topl. i masel 11 no. 3 25-30 Mr '66.

Synthesis of isoprene from propylene. Isomerizing action of HBr in cracking of olefins. D. A. Gligovich, S. V. Lutsenko, I. A. Turiaev. Neftekhimika 6 no. 1:97-70 Ja-F '66.

CRANES, DERRICKS, ETC

(see also subdivision under Caspian Sea)

Assembling the K-45IN gantry crane with the aid of a vertical mast. A. G. Sal'kov. Transp. stroit. 15 no. 8: 13-16 Ag '65.

Determining the annual productive capacity of erecting cranes. I. M. Kikukov. Mont. i spets. rab. v stroit. 28 no. 4:25-28 Ap '65.

Rated case of the loading of a pipe-laying crane. I. U. A. Dudoladov. Vest. mashinostri 16 no. 4:19-23 Ap '66.

Temporary crane gantry for the assembly of a PK-10 boiler with equipment handling from the side of the permanent end of the Tom'-Uss State Regional Electric Power Station. N. T. Marazhin. Leningr. stroit. no. 16: 21-22 '61.

Tower cranes for assembling high-rise buildings. V. G. Dronov, G. A. Shchling. Stroit. i arkhit. Len. 28 no. 4. 25-27 Ap '66.

CRANES, DERRICKS, ETC —HYDRAULIC DRIVE

Calculating the drive of a shifting mechanism with an asynchronous short-circuited motor and a safety turbo-clutch. V. F. Gaidamaka. Vest. KhPI no. 1:23-30 '65.

CRANES, DERRICKS, ETC —MAINTENANCE AND REPAIR

Kiev. Nauchno-issledovatel'skii institut stroitel'nogo proizvodstva. [Technical maintenance manual for the K-101 crane.] Al'bom tekhnicheskogo obshchizhivaniia krana K-101. Moskva, Stroizdat, 1966. 105 p.

CRANES, DERRICKS, ETC —PARTS

Determining expedient parameters of shifting mechanisms of bucket carts of reloading bridges. P. S. Stepanenko. Vest. KhPI no. 1:60-73 '65.

CRANES, DERRICKS, ETC.—SAFETY APPLIANCES

Eliminating the blocking of crane wheels. I. A. Utin, I. A. Kasimov. Mashinostroitel' no. 1:10 Ap '66.

CRANKS AND CRANKSHAFTS

Improved technology for the forging of small engine crank-shafts. E. K. Romashkin. Kuz. -slitum. protzv. 6 no. 3:47-3 of cover. Mr '66.

CRANKS AND CRANKSHAFTS—TESTING

Effect of bearing ovalization on the wear of a crankshaft. V. Evdokimov, I. U. Bespaltov. Avi. transp. 46 no. 4:24-26 Ap '66.

CRAWLER TRACTORS

Crawler tractors of the class 2 t T-38M and T-54V. G. G. Kolobov. Trakt. i sel'khoz. mash. no. 4:3-4 Ap '66.

DT-75 tractor. M. A. Iakobi. Trakt. i sel'khoz. mash. no. 4:2 Ap '66.

Effect of the design of links and the length of the supporting surface of crawler tracks on the stability and motion direction of tractors used in mountain areas. E. S. Mirzoev. Uch. zap. AzSKH no. 1:45-50 '64.

Industrial tractors. F. N. Lushnikov. Trakt. i sel'khoz. mash. no. 5:8-10 My '66.

T-4M tractor. E. M. Sorokin. Trakt. i sel'khoz. mash. no. 4:4-5 Ap '66.

CRAWLER TRACTORS—DYNAMICS

Effect of the design of crawler links and steepness of slopes on the magnitude of the resistance to motion. E. S. Mirzoev. Uch. zap. AzSKH no. 1:105-107 '64.

CREATINE

Effect of thiofosphamide on the biosynthesis of creatine. V. G. Zolinskii. Vop. med. khim. 12 no. 2:186-189 Mr-Apr '66.

CREATINE KINASE

Energy-rich phosphorus compounds creatinekinase and adenosinetriphosphatase activity of the cardiac muscle in experimental myocardial infarction. L. L. Khachaturian, M. A. Abaturava. Vop. med. khim. 11 no. 3:26-31 My-Je '65.

CREATION (LITERARY, ARTISTIC, ETC.)

On the novel "The sisters Richyn'skyl." Iryna Vil'de. Rad. lit. 10 no. 3:61-64 Mr '66.

CREDIT

Development of production and issuing credit for capital assets. N. Svalova. Den. i kred. 24 no. 4:24-29 Ap '66.

Issuing credit to nonseasonal enterprises. Z. Vullakii. Den. i kred. 24 no. 4:50-52 Ap '66.

Parkhod'ko, A. P., B. T. Milhud, and E. I. Obushinskii. [Credits of the State Bank and their use in the food industry.] Kredit Gosbank i ikh ispol'zovanie v pishchevoi promyshlennosti. Moskva, Pishchevaya promyshlennost', 1964. 166 p. (Ekonomika i organizatsia pishchevoi promyshlennosti) (WU)

Poskono, A. A. [The bank and the enterprise.] Bank i predpriiatiie. Moskva, Znanie, 1966. 38 p. (Novoe v zhizni, nauke, tekhnike III Seriya: Ekonomika, no. 7)

CREEP OF METALS

Effect of annealing on the creep resistance of tubular springs. M. P. Gidnev, L. M. Butkevich. Metalloved. i term. obr. met. no. 6:17-48 Je '65.

Quality of activation energies of slow failure, constant-rate creep, and the climbing of dislocations in high alloys. B. A. Movchan, L. M. Neralenko. Fiz. met. i metalloved. 21 no. 3 416-151 Mr '66.

Evaluating creep in alloys of the system Ti - Al - V by the method of bending at high temperatures. I. I. Konnikov, T. N. Pylanova, M. A. Volkova. Izv. AN SSSR, Mr. no. 2:137-113 Mr-Apr '66.

Influence of the structure on the resistance to creep of heat resistant alloys. L. B. Getsov, M. G. Taubina. Metalloved. i term. obr. met. no. 4 68-69 Ap '66.

CREEP OF RUBBER

Efficiency of some antiaging agents depending on the type of used vulcanization accelerators. G. N. Bulko and others. Kauch. i. 25 no. 1:7-10 '66.

CREEP OF STEEL

Creep and relaxation of short duration in certain heat-resistant alloys. L. B. Getsov. Izv. AN SSSR, Met. no. 2:110-115 Mr-Apr '66.

CRESOL

Polarographic determination of dinitro-O-cresol on leaves, branches and in the soil. F. P. Valintaub. Vop. pit. 24 no. 3 75-79 My-Je '61.

CRICKETS see subdivision under Rostov Province

CRIME AND ALCOHOLISM see Alcoholism and crime

CRIME AND CRIMINALS see subdivision under Austria, Great Britain

CRIME AND CRIMINALS—IDENTIFICATION

Identification of suspects during pictorial investigation. V. Lysytsyn. Rad. pravo 29 no. 4:46-19 Ap '66.

CRIME PREVENTION

Baskov, V. I. [Crimes must be prevented.] Prestuplenia dotzhno byt' p'edotvrashcheno. Moskva, Iuridicheskaya literatura, 1966. 102 p.

CRIMEA—BATHS, SEA

Effect of sea baths on skin temperature, vascular permeability and tone in patients with rheumatic heart defects. I. P. Ostapchuk. Vop. kai. i fizioter. i lech. fiz. kul't. 30 no. 2:103-108 Mr-Apr '65.

CRIMEA—BITS (DRILLING AND BORING)

Efficiency of the operation of U295TK bits as demonstrated in drilling in the October area of the Crimean Oil and Gas Prospecting Trust. I. N. Novalskii, N. A. Zhdovtsov, K. M. Gil'man. Buionie no. 3:6-8 '66.

CRIMEA—CLIMATOLOGY, MEDICAL

Comfort range during the stay of patients with atherosclerosis and hypertension on the beach. V. A. Zarubin. Vop. kur. i fizioter. i lech. fiz. kul't. 30 no. 2:111-114 Mr-Apr '65.

CRIMEA—CORN (MAIZE)—IRRIGATION

Guaranteed yield. V. S. Sarancha. Zemledelie 26 no. 11:31 N '64.

CRIMEA—GAS, NATURAL—GEOLOGY

Trends in oil and gas prospecting operations in the Crimea. V. A. Gordinovich and others. Neft. i gaz. prom. no. 1:7-9 Ja-F '66.

CRIMEA—HYDROMETEOROLOGY

Zats, V. I., O. I. A. Luk'ianenko, and G. V. Iatsevich. [Hydrometeorological regime of the southern coast of the Crimea.] Gidrometeorologicheskii rezhim Iuzhnogo berega Kryma. Pod red. L. I. Slavina. Leningrad, Gidrometizdat, 1966. 119 p.

CRIMEA—INDUSTRIAL MANAGEMENT

Economic life in the process of production. I. Ioffe. Ekon. Rad. Ukr. 8 no. 7:76-78 Ji '65.

CRIMEA—INDUSTRIES

Issuing credit to nonseasonal enterprises. Z. Vullakii. Den. i kred. 24 no. 4:50-52 Ap '66.

CRIMEA—NATURAL MONUMENTS

Ena, V. G. [Landform monuments.] Landskafnye pamiatniki, Simferopol', "Krym," 1965. 68 p. (Priroda Kryma)

CZECHOSLOVAKIA—TRACTORS

Tractors and agricultural machinery of the Czechoslovak Socialist Republic T. F. Mitronova. Trakti sel'skhoz-mash. no. 5 39-40 May '66.

DDT (INSECTICIDE)

All-Union Symposium on the Methods of Determining Organophosphorus Compounds and DDT in Foodstuffs. V. O. Lova, G. P. Vasilina. Vop. pit. 23 no. 3 83-91 May-June '64.

Comparative determination of DDT in agricultural products by Shekhter-Geller and Kulberg, Ivanova and Shim methods. I. M. Gerasimovich and others. Vop. pit. 25 no. 2 88 May-Apr '66.

Laboratory study of the effect of DDT on the fertility of spider mites. V. I. Mitrofanov. Khim. v sel'skhoz. no. 4 30-32 Apr '66.

DAGHESTAN—FOREST ECOLOGY

Distribution patterns of Daghestan forests and their classification. P. L. L'vov. Bot. zhur. 51 no. 3 196-197 May '66.

DAGHESTAN—GEOLOGY, STRATIGRAPHIC

Volcanic rocks in the Cretaceous sediments of Daghestan. L. L. Gubonina. It. i pol. iskop. no. 2, 126-130 May-Apr '66.

DAGHESTAN—LEPTOSPIROSIS

Epizootology of leptospirosis in Daghestan. K. F. Petrova. Veterinarnia 42 no. 3: 17-49 May '66.

DAGHESTAN—MARRIAGE CUSTOMS AND RITES

Elements of a rite. G. Aleksandrov. Mol. komm. no. 2 112-113 '66.

DAGHESTAN—RUSSIAN NEWSPAPERS

Life for everybody. K. Kiselev. Sov. pech. no. 11 31-32 May '61.

DAHOMEY—DESCRIPTION AND TRAVEL

With songs to Dahomey. T. Liagina. Az. i Af. seg. 9 no. 5: 31-35 May '66.

DAIRY BARNS see subdivision under Georgia

DAIRY CATTLE see subdivision under Azerbaijan; White Russia

DAIRY INDUSTRY see subdivision under Vladimir

DAIRY INDUSTRY—MANAGEMENT see subdivision under Bukhara, Moscow

DAIRY INSPECTION see subdivision under Kemerovo Province

DAIRY PLANTS—DESIGN AND CONSTRUCTION see subdivision under Tatar A. S. S. R.

DAIRY PRODUCTS

Effect of some dairy products on the motor function of the stomach. L. S. Mospanov. Vop. pit. 25 no. 1: 70-79 Jan-1 '66.

DAIRY PRODUCTS—ANALYSIS AND EXAMINATION

Made from milk. M. Marshak. Zakup. sel'skhoz. prod. no. 3 56-51 May '66.

DAIRYING—COSTS see subdivision under Moscow Province

DAIRYING—EQUIPMENT AND SUPPLIES see subdivision under Azerbaijan

DALAPON

Use of dalapon in vineyards and orchards. L. M. Fokel'man, M. N. Khueva. Khim. v sel'skhoz. no. 4 30-40 Apr '66.

DAL'VEZIN STEPPE—IRRIGATION FARMING

Reclamation and utilization of the lands of the Dal'vezin Steppes. A. I. Tian. Nauch. trudy TashGU no. 268. Geog. nauki no. 31: 92-97 '64.

DAMAGES see subdivision under Tajikistan, Tatar A. S. S. R.

DAMS

(see also subdivision under Vilyuysk Hydroelectric Power Station)

Applying the superposition principle in the practice of experimental solution of problems involving elastic and thermoelastic equilibrium of massive dams. R. V. Krasovskii. Izv. VNIIG 74: 109-123 '64.

Calculating the distribution of pore pressure and the settling of the dam core taking into account the creep of the soil. A. L. Gol'din. Izv. VNIIG 74: 253-262 '64.

Conjugation of head water and tail water with energy dissipators in the form of continuous sills, baffle piers, and D. I. Kumin's energy dissipator. F. G. Gun'ko. Izv. VNIIG 74: 3-23 '64.

Construction of a cylindrical shell type dam. O. A. Aliiev. Uch. zap. AzSKH no. 1: 165-166 '64.

Dam with stressed anchoring in the foundation. A. N. Machuk. Energ. stroi. no. 16: 40-41 '61.

Filtration in an earth dam with a discontinuous tubular drainage. A. I. Oleinik. Gidravlika no. 2 168-175 '66.

Results of the investigation of a by-pass filtration to waterproof banks in the area adjoining earth dams. F. V. Kondrat'ev. Gidravlika no. 2 147-159 '66.

Studies of actual vacuum on the surface of energy dissipators. G. A. Iuditskii. Izv. VNIIG 71 33-48 '64.

Substantiation of waterproofness and stability of an earth dam constructed with heavy clayey soils based on their experimental contraction. N. N. Belashchinskii and others. Gidravlika no. 2 121-127 '66.

Vyzgo, M. S. [Operational measures, forecasts, and methods for reducing local erosion below hydraulic structures] Eksploataatsionnye meropriyatiya, prognozy i sposoby umen'sheniya mestnykh razmyvov za gidrotekhnicheskimi sooruzheniyami. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR, 1966. 292 p.

DAMS—DESIGN AND CONSTRUCTION

Applying a variant method of least squares to the calculation of structures simultaneously with the foundation by means of an electronic digital computer. A. A. Khizankov. Izv. VNIIG 74 281-295 '61.

Effect of construction sequence on the stressed state of a dam of triangular profile. S. G. Shul'man. Izv. VNIIG 71: 125-132 '61.

DAMS—TESTING

Device for measuring static deformations by the zero method with a simplified system of balances and readings. L. S. Trubnikov. Izv. VNIIG 71 231-236 '61.

DANCE PRODUCTION

Brillets, seminars, doubles. Petr Gusev. Teatr 27 no. 3: 23-30 May '66.

DANIELSSON, BENGT

Bengt Danielsson in the Institute of Ethnography of the Academy of Sciences of the U. S. S. R. G. I. Anokhin. Sov. etn. no. 2 145-147 May-Apr '66.

DANTON, GEORGES JACQUES, 1759-1795

Book about a tribune of the French Revolution. F. Svelov. Nov. mir. 42 no. 3 261-268 May '66.

DANUBE RIVER—DESCRIPTION AND TRAVEL

Kupakkin, B. L. [The blue Danube] Goluboi Dunai. Moskva, Znaniye, 1966. 93 p. (Pischi, tovarishchi!)

DANUBE VALLEY—MINT (BOTANY)

New prospective region for mint growing. G. I. Mustiala. Mash. zh. prom. 32 no. 2: 21 May '66.

DAROZHKIN, MIKALAI AFANAS'EVICH, 1905-

Mikalai Afanas'evich Darozhkin; his 60th birthday. S. G. Skarapana. Vestn. AN BSSR. Ser. sel'skosp. nav. no. 4: 120-120 '65.

DARWIN, CHARLES ROBERT, 1809-1882

Undeservedly forgotten ideas of Ch. Darwin in the field of variation. A. L. Zelikman. Genetika no. 3 142-153 '66.

DATA TRANSMISSION SYSTEMS

Synthesis and study of discrete systems for transmission of continuous communications. Part 2. Study of an optimal system. A. I. Volchkin. Izv. AN SSSR. Tekh. kib. no. 3: 114-121 May-June '65.

DATOLITE

Paramagnetic resonance of Mn²⁺ ions in natural datolite crystals. L. V. Bershov and others. Geokhimiya no. 1: 122-123 Jan '66.

DATURA

Paths of alkaloids synthesis in Datura innoxia. T. A. Burdykina-Shehter. Rast. res. 2 no. 1: 56 '66.

DAUBREUILITE—ANALYSIS

Chromonomerological and X-ray study of daubreuilite. I. A. Udin, S. I. Smyslitsaev, B. A. Iudinov. Izv. vys. ucheb. zav., geol. i razv. 9 no. 4: 146-148 Apr '66.

DAUMAN, ANS ERNESTOVICH, 1886-1920

Kondrat'ev, N. D. [A man with a mission] Chelovek dola, Moskva, Politizdat, 1966. 110 p. (Gerolipodvig)

DAVYDOV, LEV KONSTANTINOVICH, 1893-

Lev Konstantinovich Davydov; on his 70th birthday. Vest. LGU no. 24: 153-155 '65.

DAVYDOVA-MEDENE, LEA MATISOVNA, 1921-

Dielectric of character in the portraits of Davydova-Medene. V. Lebedev. Iskustvo 29 no. 3: 41-45 '66.

DAY LILIES

Germination of the seeds of Hemerocallis. A. V. Poptsov. Bull. Glav. bot. sada no. 60: 57-61 '65.

DEAD SEA SCROLLS

Manuscripts from Qumran. A. Kazhdan. Nov. mir. 12 no. 1: 270-273 Jan '66.

DEAFNESS

Romm, S. Z. [Occupational hearing disorders] Professional'naya tugokhost'. [Leningrad] Meditsina, 1966. 154 p. (DNLM)

DEAMINATION

Regulation of the deamination pathway of histidine cleavage in the liver. K. N. Minosodova. Biokhimiya 31 no. 1: 182-189 Jan-Feb '66.

DEATH—CAUSES

Some problems of thanatology based on materials of cardiovascular surgery. I. A. L. Rapoport. Arkh. pat. 28 no. 2: 3-12 '66.

DEATH, APPARENT

Possibility of resuscitation and characteristics of the development of a radiation sickness in monkeys irradiated during agony and clinical death. B. A. Lapin and others. Pat. fiziol. i eksp. terap. 10 no. 1: 22-28 Jan-Feb '66.

DEBAL'TSEVO (DONETSK PROVINCE)—LOCOMOTIVES—MAINTENANCE AND REPAIR

Specialization and the assembly-unit method of repair: the key of our success. G. A. Stets'ko. Elek. i topl. tiz. 10 no. 2 6-8 Feb '66.

DEBETS, GEORGI FRANTSEVICH, 1905-

Georgii Frantsevich Debets; on his 60th birthday. I. I. Gokhman. Sov. etn. no. 2 136-139 May-Apr '66.

DEBTS, EXTERNAL see subdivision under Latin America

DEBTS, PUBLIC

Bogachevskii, M. B. [State credit in capitalist countries] Gosudarstvennyi kredit v kapitalisticheskikh stranakh. [Leningrad] Finansy, 1966. 190 p.

DECANE

Mechanism of copper stearate catalytic action in the oxidation of n-decane. Z. K. Matius, I. P. Shkiba, N. M. Emanuel'. Zhur. fiz. khim. 40 no. 2: 322-327 Feb '66.

Studying the composition of acids formed during the oxidation of n-decane by atmospheric oxygen in an aqueous-alkaline medium. V. M. Polekhin, V. A. Pirogovskov. Zhur. prikl. khim. 38 no. 2 462-464 Feb '65.

DECENEDIOL

Alkylation of some benzene homologs with 5-decene-4, 7-diol in the presence of anhydrous AlCl₃. N. K. Lomadze. Trudy Inst. khim. AN Gruz. SSR. 17: 187-192 '61.

DECIMAL CLASSIFICATION see Classification, Decimal

DECOMPRESSION SICKNESS

Characteristics of the changes in altitude resistance depending on the rate of decompression. N. A. Agadzhanov, A. V. Sergienko. Voen.-med. zhur. no. 4: 59-63 Apr '66.

DECONTAMINATION (FROM GASES, CHEMICALS, ETC.)

The instrument decontaminates. S. Bondar'. Voen. znan. 42 no. 5 20-27 May '66.

DECORATION AND ORNAMENT, ARCHITECTURAL

(see also subdivision under Yur'yev-Pol'skiy, Vladimir Province)

Synthesis of the arts in architectural practice. I. Ivanova. Arkh. SSSR no. 1 31-38 '66.

DECORATION AND ORNAMENT, GEORGIAN

Mplishvili, R. Gelati, Tbilisi, Sabchota Sakartvelo, 1965. 1 v. (chiefly illus.) [In Georgian, Russian, and English]

DECORATIONS OF HONOR

Awards to scientists. Vest. AN SSSR 38 no. 3: 197-199 May '66.

DEEP DRAWING (METALWORK)

Die for reverse drawing. A. Sh. Murasov. Kuz. -shtam. prozv. 6 no. 10: 45 Oct '64.

Effect of the anisotropy of a sheet-metal blank on the formation of wrinkles during drawing operations. V. D. Golovlev. Kuz. -shtam. prozv. 6 no. 10: 18-22 Oct '61.

DEFENSE (CRIMINAL PROCEDURE)

(see also subdivision under Tatar A. S. S. R.) Improving the work of defense counsels. D. Beshev. Rad. pravo 20 no. 4: 57-58 Apr '66.

Summation of the defense counsel in a criminal case. S. Lubitov. Rad. pravo 29 no. 4: 59-61 Apr '66.

DEFICIENCY DISEASES

Enzyme spectra of the blood and the liver in choline and protein deficiency. A. A. Pokrovskii, A. I. Shcherbakova. Vop. med. khim. 11 no. 3: 100-101 May-June '65.

DEFICIENCY DISEASES (Continued)

Some indices of protein metabolism in an acute B₁₂-avitaminosis on following day after the administration of overthamine in large doses. I.I. Ostrovskii and others. Uzb. biokhim. zhur. 33 no. 2:172-177 '66

DEFICIENCY DISEASES IN DOMESTIC ANIMALS

(see also subdivision under "Slaughter Practice")

Effect of hypoproteinemia on the reproductive function and general condition of cattle. A.I. Puchkovskii. Uzh zap. KVI. 93 194-206 '64.

DEFICIENCY DISEASES IN FARM ANIMALS

Blood picture and reserve alkalinity in rabbits following the use of gonadotropin under conditions of hypoproteinemia. F.T. Tikhovitskiy, P.A. Karamanos. Uzh. zap. KVI. 93 211-215 '64

DEFICIENCY DISEASES IN SHEEP

Content of vitamin A in the blood of sheep as related to rations and time of the year. N.I. Solomatn. Trudy AZVI. 13:297-300 '64.

DEFORMATIONS (MECHANICS)

Analyzing the structural and mechanical properties of meat. M.N. Klumenko, A.I. Peleva. Izv. vuz. ucheb. zav. plishch. tekhn. 2 no. 82-85 '66

Connection between the rate of crack propagation and the amount of plastic deformation. V.M. Finkov. Fiz. metal. i metalloved. 21 no. 3:161-163 Mr '66

Degree and speed of deformation in the pig iron rolling of pipe. S.I. Borisov, V.P. Surin, V.S. Rajon. Protz. truh. no. 13 21-25 '65

Determining the length of slip bands in a plate with circular holes. L.L. Libat'skii. Fiz.-khim. mekh. mat. 2 no. 1:40-44 '66

Determining the stampability of thin-sheet steel by the amount of uniform elongation. F.I. Ruzanov, Kuz.-shim. protz. 8 no. 3:18-21 Mr '66

Effect of vibration on the plastic deformation of metals. V.V. Polina, N.V. Mikhailov, P.A. Rebinde. Dokl. AN SSSR. 167 no. 4:873-875 Ap '66

Effectiveness of metal deformation and its evaluation. I.M. Pavlov, P.M. Yurmin. Izv. AN SSSR, Met. no. 2 69-75 Mr Ap '66

Forward slip and the deformation of metal between stands during continuous rolling. A.P. Chekmarev, I.L. Omshchenko, S.A. Otdizievskii. Izv. vuz. ucheb. zav., Chern. met. 9 no. 4:77-80 '66

Irregular distribution of deformations during static uniaxial central compression. I.A.N. Shvetsov. Trudy LITTSBP. no. 18:194-198 '65

Large deflections of an annular plate under a transverse load. A.P. Matynov. Trudy SIMSKH. 33 pt. 2:32-34 '64

Metal deformation in box grooves of a KMA rail and structural steel mill with slitting of the strip. N.A. Chelyshev and others. Izv. vuz. ucheb. zav., Chern. met. 9 no. 4:99-101 '66

Muskhelishvili, N.I. [Some fundamental problems in the mathematical theory of elasticity, principal equations, two-dimensional elasticity theory, torsion, a flexure] Nekotorye osnovnye zadachi matematicheskoi teorii uprugosti, kruchenie i izgib. Izd. 6, 1. spr. 1. dop. Moskva, Nauka, 1966. 707 p.

Plastic deformation and the topography of friction surfaces. B.I. Kostel'skii, N.F. Kolesnikov. Fiz.-khim. mekh. mat. 2 no. 1:98-104 '66

Prospects for registering deformation speed during resilient impacts. A.I. Shchukov. Trudy MIT. no. 22:113-116 '66

Setup for studying the deformation of metals in microvolumes. L.P. Odnoenko, I.U. Odnoenko. Zav. lab. 31 no. 5:613-617 '65

Spring hydraulic devices for studying deformations of concrete under complex load regimes. M.V. Bondarev. Stroitel'stvo. no. 3:53-58 '65

Study of plastic deformation in models made from stereotypic plates. G.D. Del', M.G. Gofshmidt. Zav. lab. 32 no. 1:473-475 '66

Tension limit during the continuous rolling in grooves of solid ingots and pipe. L.A. Pomichev, A.N. Kirichenko. Izv. vuz. ucheb. zav., Chern. met. 9 no. 4:81-85 '66

Theory of transcritical deformations of spherical shells. V.I. Babenko. Dop. AN URSS. no. 2:166-168 '66

Thermal method for eliminating the deformation of welded steel sheet structures. N.E. Furchikov. Uzh. zap. Mord. gos. un. no. 45:51-59 '64

Use of the method of rolled-on nets in studying the propagation of cracks in cold-hardened metals. I.V. Navrotsky, S.T. Makukhin. Zav. lab. 32 no. 4:471-473 '66

DEGLUTITION

Dysphagia simulating recurrence of cancer of the cardia. L.A. Frankfort. Vop. onk. 12 no. 4:91-95 '65

DEGRADATION (CHEMISTRY)

Degradation of molecules and the formation of a molecular composition of cellulose at the end of sulfate digestion. I.U. Brezkin, G.A. Petropavlovskii, M.M. Chochieva. Zhur. prikl. khim. 39 no. 1:157-164 Ja '66

Disproportionation of diphenylidichloroallene. K.A. Andrianov, V.M. Koto. Dokl. AN SSSR. 167 no. 4:811-813 Ap '66

Process of dehydration of some potassium heteronitobates. V.I. Bezrukov, A.V. Lapitskii, E.I. Larembash. Zhur. neorg. khim. 11 no. 2:310-318 F '66

Thermal degradation of isomeric aromatic polyamides. E.P. Krasnov and others. Vysokom. soed. 8 no. 3:380-386 Mr '66

Thermal degradation of poly-p-xylylene. A.T. Kalashnikov and others. Vysokom. soed. 8 no. 3:526-531 Mr '66

DEHYDRATION (CHEMISTRY)

Isoelectric dehydration of malic acid. V.Kh. Kntunin, V.N. Gritsha. Zhur. prikl. khim. 39 no. 3:711-711 Mr '66

Dehydration of primary-tertiary acetylenic δ -glycols of the aliphatic series. V.M. Vlasov and others. Izv. AN SSSR. Sci. khim. no. 1:764-766 '66

Description kinetics of water vapors from granulated sorbents of the types A and B. D.P. Timofeev, O.N. Kabanova. Izv. AN SSSR. Sci. khim. no. 4:612-618 '66

Possible mechanism of the dehydrating action of urea. M.Sh. Priomysov, S.L. Lipavskii. Vop. neirokhim. no. 3:34-35 '65

Process of dehydration of perovskites of the zinc subgroup elements. G.A. Bogdanov, R.V. Kozhikova, N.A. Korotchenko. Zhur. fiz. khim. 40 no. 1:855-861 Ap '66

DEHYDROGENATION

Dehydrogenation of decalin and tetralin in the presence of activated coals. N.I. Shuklin, T.I. Naisyukina, Z.A. Raschupkina. Neftekhimika. 6 no. 1:22-26 Ja-F '66

Oxidative dehydrogenation of hydrocarbons from a butane-butene mixture. E.A. Boguslavskii, I.I. Iukofson, Neftekhimika. 6 no. 1:80-84 Ja-F '66

Two-quantum photochemistry. Dehydrogenation reaction of 3-methylpentane at 77°K sensitized by naphthalene. Kh.S. Bagdasarian, Z.A. Slutskaya. Dokl. AN SSSR. 167 no. 5:1073-1076 Ap '66

DELAY LINES

Simulation of time delay using operational amplifiers. D.A. Kogan, M.K. Chernyshev. Avtom. telemek. no. 3 161-177 '66

DELHI BOIL

Duration of the course of cutaneous leishmaniasis in guinea gerbils (Rhombomys opimus Licht.) and its relation to the season of their infection. Z.S. Shish-layeva-Malova. Med. paraz. i paraz. bol. 35 no. 1:85-91 Ja-F '66

DELIVERY OF GOODS (LAW)

Decisions of arbitration agencies. Rad. pravo. 20 no. 1:98 Ap '66

We should try to reduce the number of economic conflicts. S. Butkevich. Rad. pravo. 20 no. 4:50-51 Ap '66

DEMENTIA PRACOX see Schizophrenia

DEMIDOVICH, BORIS PAVLOVICH, 1906-

Boris Pavlovich Demidovich on his 60th birthday. N.P. Erugin, V.V. Nemyskiy. Dif. urav. 2 no. 3:428-432 Mr '66

DENMARK—NUCLEAR RESEARCH

Soviet exhibition in Denmark. Soviet specialists visiting Danish atomic research organizations. L. Petronko, V. Mikhailin. Atom. energ. 20 no. 4:367-369 Ap '66

DENSITOMETERS

Experience in industrial testing of G.P.I.D. density regulators. V.G. Kondakovskii, I.P. Severin, O.S. Bakhtina. Ugol' Ukr. 10 no. 4:10-30 Ap '66

Semiatomatic densitometer. A.A. Stokolov. Vop. med. khim. 11 no. 3:82-85 My-Je '65

DENTAL PROSTHESIS see Prosthodontics

DENTISTRY, OPERATIVE

Tanfiliev, D.E. [Removal of the teeth] Udalenie zubov. Izd. 2. Moskva, Meditsina, 1966. 194 p. (Biblioteka prakticheskogo vracha) (DNLM)

DENTITION

Method of determining the average age for the eruption of permanent teeth. A.A. Akhmedov, A.A. Akhmedov. Azerb. med. zhur. 42 no. 12:3-7 D '65

DEOXYRIBONUCLEASES

Effect of cystamine and S, β -aminoethyl isothiourea on the deoxyribonuclease II activity in radiosensitive organs of rats, irradiated with 350 and 100 r. N.I. Litkova. Radiobiologiya. 6 no. 2:166-169 '66

DEPARTMENT STORES—FIRES AND FIRE PREVENTION

"Ulyermag" department store opens its doors. G. Markov. Pozh. delo. no. 3:17 Mr '66

DEPARTMENT STORES—HEATING AND VENTILATION

see subdivision under "Moscow"

DEPARTMENT STORES—MANAGEMENT

see subdivision under "Kiev; Leningrad"

DEPOLARIZATION (ELECTRICITY)

Depolarization of cosmic radio-frequency radiation in the dispersion of Faraday rotation of polarized light of radio waves. V.A. Razin, V.V. Kharin. Izv. vuz. ucheb. zav., radiofiz. 8 no. 6:1063-1068 '64

DEPORTATION

Private libraries of political deportees in the Far East. Subota, D.S. Zharkov. Trudy Vost. no. 1:174-174 '62

DEPRECIATION

Method for determining the operational life of the equipment. F.I. Alenkov, Ikon. schizhko. 41 no. 1:1-11 Ap '66

Obsolescence of machinery and the economic effect of its replacement. M. Pichurin. Trudy ENII. no. 1:20-19 '65

DEPRESSIONS

On the mechanism of the modern cycle. A.I. L. S. Mon'shchikov. Mirova i mezhdunarodn. no. 5 50-64 '66

DERMATOL

Rapid gravimetric method for the determination of bismuth oxide in dermatol. M.I. Tsvetkov, I. Timofeeva. Trudy I-go MMI. 19:220-221 '66

DESCRIPTIVE GEOMETRY see Geometry, Descriptive

DESERT FLORA

(see also subdivision under "Nurata District, Turkmenistan")

Maps of the seasonal development of desert flora. Kh. Kh. Izv. AN Turk. SSR. Ser. biol. med. no. 1:1-1 '66

DESERTS see subdivision under "Asia, Central"

DESIGN, INDUSTRIAL

Aggregation, standardization, and industrial design. A. Gashin, I.U. Kalichkov. Tekhn. est. 3 no. 2:22-22 F '66

Comparative evaluation of the quality of industrial products. M. Fedorov. Tekhn. est. 3 no. 2:2-10 '66

Electron microscope. V. Kuzanov. Tekhn. est. 3 no. 11-12 Mr '66

From the experience of a school of working youth. M. Fisher. Tekhn. est. 3 no. 2:30 F '66

House painting brushes. S. Potapov. Tekhn. est. 3 no. 20-21 Mr '66

Industrial design and analysis. I.I. Sonov. Tekhn. est. 3 no. 3:6-7 Mr '66

Informaliveness of the form is an indispensable condition of its aesthetic perfection. D. Arakel. Tekhn. est. 3 no. 2:10-13 F '66

Opinion of the experts from various countries on the criteria of quality evaluation in industrial design. Tekhn. est. 3 no. 3:2-5 Mr '66

Povilloko, R.P. [Aesthetics and engineering] Estetika i tekhnika. Moskva, Znanie, 1965. 31 p. (Biblioteka "Filosofskie problemy tekhniki," no. 2. Voprosy filosofskoi yarmimashchilstva v sisteme partitnoy urki.)

Seen on the store counter. Tekhn. est. 3 no. 3:2-3 Mr '66

Study of color harmony on the basis of colorimetric analysis. I.U. Ragimov. Tekhn. est. 3 no. 4:14-14 F '66

DESIGN, INDUSTRIAL—CONGRESSES

At the 4th Congress of the ICSD (International Council of Societies of Industrial Design) in Vienna. Tekhn. est. 3 no. 2:4-9 F '66

DESIGN, INDUSTRIAL—EXHIBITIONS

Awards for the best. Tekhn. est. 3 no. 2:1-3 F '66

DESIGN, INDUSTRIAL—PATENTS

Important decision. Tekhn. est. 3 no. 3:31 Mr '66

DESIGN, INDUSTRIAL—STUDY AND TEACHING

Course in analysis in the Institute of Industrial Design. A. Flovov. Tekhn. est. 3 no. 3:19 Mr '66

Introduce the teaching of fundamentals of industrial aesthetics in the general schools. I.U. Ivanov. Tekhn. est. 3 no. 2:28-29 F '66

Let's introduce the fundamentals of technical aesthetics into schools. V.G. Kurbatov. Shkola i prodav. 10 no. 5:67-68 My '66

Let's teach industrial aesthetics to workers. E. L. Prof. -tekh. obsl. 23 no. 4:30 Ap '66

Problems of industrial aesthetics in the new curriculum. V. Vetrov. Tekhn. est. 3 no. 2:30 F '66

Interferometer for measuring the dielectrics constant of dielectric in the millimeter radio wave band. E.A. Vorob'ev. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1: 130-132 Ja-E '66.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS (Continued)

- Difference schemes involving the rectification of fronts in solving Stefan-type many-front problems. B. M. Izrael, N. L. Goldmann, A. B. Uspenskiy. Dokl. AN SSSR 167 no. 1:735-738 Ap '66.
- General theory of boundary value problems for elliptic systems with discontinuous coefficients. Z. G. Sheftel. Izv. mat. zhur. 18 no. 3:132-136 '66.
- Green's functions of a self-adjoint elliptic operator generated by a differential expression and inhomogeneous boundary conditions. V. V. Bar'kovskiy. Ukr. mat. zhur. 18 no. 2:65-81 '66.
- Green's matrix in a periodic boundary value problem for a system of linear differential equations. A. I. Khochimskiy. Dif. urav. 2 no. 3:271-301 Mr '66.
- Method for modeling certain heat conduction problems with movable boundaries. A. A. Kosarev. Inzh.-fiz. zhur. 10 no. 2:228-234 F '66.
- Method for solving a mixed problem for a hyperbolic equation with discontinuous coefficients. Z. O. Mol'nik. Dif. urav. 2 no. 4:560-570 Ap '66.
- Mixed problem for a parabolic equation, hypoelliptic according to G. F. Shilov, with two independent variables. I. S. Frank. Mat. zhur. 69 no. 1:579-601 Ap '66.
- Muskhelishvili, N. I. [Some fundamental problems in the mathematical theory of elasticity, principal equations, two-dimensional elasticity theory, torsion, and flexure] Nekotorye osnovnye zadachi matematicheskoi teorii uprugosti, osnovnye uravneniya, ploskaya teoriya uprugosti, krucheniye i izgib. Izd. 5, ispr. i dop. Moskva, Nauka, 1966. 707 p.
- Normal solvability of the Dirichlet problem for an elliptic system advanced by A. V. Bitsadze. Nguyen-Thua-Hop. Dokl. AN SSSR 167 no. 5:982-984 Ap '66.
- On a certain boundary value problem. A. I. Perov, A. P. Makhmudov. Dif. urav. 2 no. 3:365-370 Mr '66.
- Parametric method of solving equations describing a laminar boundary layer with longitudinal pressure gradient under conditions of equilibrium dissociation of a gas. N. V. Krivtsova. Inzh.-fiz. zhur. 10 no. 2:143-153 F '66.
- Problem containing a small parameter for parabolic differential equations. E. F. Mikhchenko, M. S. Nikol'skii. Dif. urav. 2 no. 4:439-452 Ap '66.
- A problem of S. I. Vavilov. M. S. Nikol'skii. Teor. vychisl. i ee prim. 11 no. 1:149-160 '66.
- Problem of superhigh-frequency analysis of a plane-laminar plasma. R. A. Vlasov. Dokl. AN SSSR 167 no. 3:156-158 Mr '66.
- Some incorrect problems in the theory of potential. Yu. T. Antokhin. Dif. urav. 2 no. 4:525-532 Ap '66.
- Speech at functions of differential equations of the second order with operator coefficients. M. L. Gorbachuk. Ukr. mat. zhur. 18 no. 2:31-21 '66.
- Temperature distribution in the laminar flow of an incompressible fluid in a rectangular channel taking energy dissipation into account. N. P. Ibramnikov. Inzh.-fiz. zhur. 10 no. 3:306-310 Mr '66.
- Two-dimensional stationary problem of heat conductivity. I. A. Iosad, I. A. Pavlovskii. Inzh.-fiz. zhur. 10 no. 2:258-263 F '66.
- Unilateral conditions in analyzing the solutions to the limiting Cauchy problem for differential equations with infinite operators. I. A. B. Mamedov. Sb. mat. zhur. 7 no. 2:313-317 Mr-Apr '66.
- Uniqueness and evaluation of solutions to a class of boundary value problems. V. A. Chumakov. Dif. urav. 2 no. 4:463-478 Ap '66.
- Use of Chaplygin's method in studying the membrane equation. I. F. Morozov, L. S. Sibushevskiy. Dif. urav. 2 no. 3:425-427 Mr '66.
- Use of differential-difference identities in high-accuracy solutions of boundary value problems for the Helmholtz equation by the noniterative method of differences. S. V. Nemchinov, A. S. Libov. Nauch. trudy TashGU no. 259. Fiz. nauk no. 23:189-203 '64.
- Using the Fourier's difference differential method for solving the problem of an imperfect well. V. T. Ivanov, M. P. Iakimova. Izv. vyz. ucheb. zav., nef' i gaz 8 no. 3:43-45 '66.
- DIFFERENTIAL EQUATIONS—NUMERICAL SOLUTIONS**
- Numerical method for finding asymptotically stable solutions to systems of ordinary differential equations. A. I. Kononov, V. D. Mu'ham. Dokl. AN SSSR 167 no. 4:739-742 Ap '66.
- DIFFERENTIAL EQUATIONS, ELLIPTIC**
- Evaluation of the maximum rate of decrease of the solutions to an elliptic system. I. S. Aralov, G. A. Dzhabarali. Dif. urav. 2 no. 4:517-524 Ap '66.
- Fundamental solutions to elliptic systems. M. I. Matilechuk, S. D. Elidel'man. Ukr. mat. zhur. 18 no. 2:22-41 '66.
- One degenerate elliptic equation. A. Narehyan. Izv. AN Turk. SSR, Ser. fiz.-tekhn., khim. i geol. nauk no. 2: 3-7 '66.
- DIFFERENTIAL EQUATIONS, ELLIPTIC—BOUNDARY VALUE PROBLEMS**
- Generalized Green's matrix in a problem involving an oblique derivative for an elliptic system of several variables. Nguyen-Thua-Hop. Dif. urav. 2 no. 4:574-581 Ap '66.

Minimal and maximal operators corresponding to a general elliptic problem with inhomogeneous boundary conditions. V. V. Bar'kovskiy, I. A. Rotberg. Ukr. mat. zhur. 18 no. 2:91-97 '66.

Uniqueness of solutions to the second and third boundary value problems for an elliptic equation of the second order. F. A. Mikhcheva. Dokl. AN SSSR 167 no. 3: 978-981 Ap '66.

DIFFERENTIAL EQUATIONS, LINEAR

- Asymptotic behavior of solutions to ordinary linear differential equations of the n -th order. M. V. Fedotkin. Dif. urav. 2 no. 1:492-507 Ap '66.
- Calculation of the characteristic indices of linear systems with periodic coefficients. V. N. Fomin, V. A. IAPubov. Inzh. Metod. vych. no. 3:76-104 '66.
- Method for determining the instability gaps of quasi-harmonic systems with delayed arguments. I. A. P. Men'ko. Ukr. mat. zhur. 18 no. 2:129-135 '66.
- One method of using linearized analysis in calculating the variable operating conditions of marine gas turbines. A. M. Pevzner. Trudy TSNIIMF no. 71:71-81 '66.

DIFFERENTIAL EQUATIONS, NONLINEAR

- Approximate method for determining forced oscillations as described by some nonlinear differential equations. A. L. Naumov, N. I. Zhyboiska. Dup. AN URSR no. 3: 286-291 '66.
- Approximate method for studying nonlinear systems close to a harmonic oscillator. I. T. Khachatrian. Izv. AN Arm. SSR Ser. tekhn. nauk 18 no. 1:52-56 '66.
- Asymptotic methods of nonlinear mechanics as applied to nonlinear differential equations with delayed argument. I. U. A. Miroshnikov, V. I. Fedchuk. Ukr. mat. zhur. 18 no. 3:65-84 '66.
- Averaging of a class of systems of nonlinear differential equations. V. V. Laricheva. Dif. urav. 2 no. 3:345-352 Mr '66.
- Excitation of oscillations in nonlinear systems with random delay. V. G. Kolomnets, D. G. Korenevskiy. Ukr. mat. zhur. 18 no. 3:51-57 '66.
- Existence of periodic solutions of arbitrary periods. V. I. Vol'kov. Dif. urav. 2 no. 3:422-424 Mr '66.
- DIFFERENTIAL EQUATIONS, NONLINEAR—BOUNDARY VALUE PROBLEMS**
- Solution to a boundary value problem for a nonlinear heat conduction equation. G. M. Glukhov. Trudy SINSKH 33 pt. 2:21-31 '61.
- Use of the averaging method in solving mixed problems for nonlinear hyperbolic equations. S. A. Vasil'ev. Ukr. mat. zhur. 18 no. 2:97-102 '66.

DIFFERENTIAL EQUATIONS, PARTIAL

- Exponential increase of solutions to a partial differential equation of the second order with delayed argument. Z. I. Rehbilit'skiy. Dif. urav. 2 no. 4:508-515 Ap '66.
- Principle of the maximum for certain classes of equations. L. M. Likhtanov. Sb. mat. zhur. 7 no. 2:165-169 Mr-Apr '66.
- Some local theorems for partial differential equations with constant coefficients. E. A. Gorin, V. V. Grushin. Trudy Mosk. mat. ob-va 14:200-210 '65.

DIFFERENTIAL FORMS

- Use of external differential forms to describe electromagnetic fields in the general theory of relativity. E. A. Malydina. Dokl. AN Tadzh. SSR 9 no. 2:16-19 '66.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFRACTION

- Diffraction of electromagnetic waves on ultrasonic waves in an anisotropic medium. Part I. V. S. Il'in, G. P. Kostinina. Izv. vyz. ucheb. zav., radiofiz. 9 no. 1:16-32 '66.
- Diffraction of light on ultrasonic waves in crystals. Akust. zhur. 11 no. 4:490-492 '65.
- Removal of diffraction halos produced by braces of second-order mirrors. N. D. Kalinenkov. Trudy Astrofiz. inst. AN Kazakh. SSR 7:109-110 '66.
- Scattering and diffraction of plane waves on a sphere placed in a half space. I. T. Sel'ezov, M. A. Lazarenko. Dop. AN URSR no. 2:179-182 '66.
- Study of the "gliding" process in muscle contraction by the diffraction method. V. B. Emel'yanov, V. N. Efimov, G. M. Frank. Dokl. AN SSSR 167 no. 4:923-924 Ap '66.

DIFFRACTION GRATINGS

- Thinning the spectrum of an open resonator by means of an echellette grating. E. L. Kosarev. Pis'ma red. Zhur. eksp. i teoret. fiz. 3 no. 7:205-208 Ap '66.

DIFFUSION

- Diffusion and solubility of zinc, cadmium, indium, and iron in lead selenide. F. F. Kharchorin, D. A. Gamba-rova, V. V. Aksenov. Izv. AN SSSR. Neorg. mat. 2 no. 3:489-490 Mr '66.
- Diffusion in the system carbon dioxide - ethane near the critical point of liquid-vapor equilibrium. N. E. Khananova, L. S. Leanevskaya. Zhur. fiz. khim. 40 no. 2: 464-465 F '66.

Diffusion of copper in a sulfide scale in the course of its transport. M. M. Pavluchenko, L. I. Pokrovskiy, G. I. Samal'. Vestn. AN BSSR, Ser. Khim. nav. no. 4:115-117 '65.

- Diffusion of some impurities in liquid Bi, Pb, and Sn. P. P. Kuz'menko, G. I. Onopriuk, E. I. Khar'kov. Zhur. fiz. khim. 40 no. 4:818-821 Ap '66.
- Importance of longitudinal diffusion in the filtration of aerosols by layers of fibrous materials. L. V. Radzashkevich. Zhur. fiz. khim. 40 no. 2:317-321 F '66.
- Kinetics of dissolution of sodium borates by the rotating disk method. A. A. Ravidel', I. U. V. Sharikov. Zhur. prikl. khim. 39 no. 1:85-89 Ja '66.
- Mechanism of dissolution of borax and sodium pentaborate. A. A. Ravidel', I. U. V. Sharikov. Zhur. prikl. khim. 39 no. 1:70-75 Ja '66.
- Method for studying diffusion in whiskers. B. S. Bokshteyn, A. A. Zhukhovitskiy, G. G. Surmava. Zav. lab. 32 no. 1: 438-443 '66.
- Methodology of determining the diffusion coefficients of α -radioactive elements. L. V. Pavlov, A. I. Nigmatshinov. Zav. lab. 31 no. 6:702-704 '65.
- Regularities of the rate of diffusion and coagulation of carbides in aluminum steel during a continued effect of high temperatures. E. I. Kutsanova. Izv. AN SSSR, Met. no. 2:94-99 Mr-Apr '66.
- Self-diffusion of zirconium complexes. L. N. Pankratova, A. V. Laptik. Vest. Mosk. un. Ser. 2: Khim. 21 no. 1: 31-35 Ja-F '66.
- Solution of a sorption dynamic problem taking the longitudinal diffusion into account. M. S. Safonov. Zhur. fiz. khim. 40 no. 2:122-128 F '66.
- Stationary processes of migration of Ag⁺ under isothermal conditions. I. I. Pokrovskiy, M. M. Pavluchenko, G. I. Samal'. Dokl. AN BSSR 10 no. 3:170-173 Mr '66.
- Thermodynamics of chemical reactions taking place during the saturation of metal surfaces with some elements. G. N. Voelela and others. Izv. AN SSSR. Neorg. mat. 2 no. 3:413-417 Mr '66.

DIGESTION

- Assimilation of foodstuffs by dogs with excluded pancreatic secretion kept on a qualitatively varying diet. O. I. Shvetsova. Vop. pit. 23 no. 3:59-61 Ma-Jc '64.
- Cellulose decomposition in the digestive tract to sheep fed on corn silage with the addition of urea. V. A. Moiseev. Izv. AN Kazakh. SSR Ser. biol. nauk 2 no. 5: 54-58 S-O '61.

Digestion of East Friesian and Jersey cows fed various rations. M. S. Shamstev. Vest. sel'khoz. nauk 10 no. 3:73-76 Mr '65.

Effect of oxytetracycline and biomyxin on some functions of the digestive organs in baby chicks. A. F. Lotko. Antibiotiki 11 no. 2:105-108 F '66.

Effect of synthetic urea on some digestive processes in sheep. V. A. Tsigonov, G. T. Fatchenko. Fiziol. zhur. 52 no. 4:426-429 Ap '66.

DIGESTIVE ENZYMES

- Recording of the secretion of digestive juices in farm animals, using a semiconductor device. I. U. A. Medvedev, O. I. Sosnov. Fiziol. zhur. 52 no. 4:430-431 Ap '66.

DIGESTIVE ORGANS—DISEASES

- Experience in the prevention of diseases of the digestive organs and in antieccurrence treatment. N. A. Miasnikov. Voen.-med. zhur. no. 4:77-79 Ap '66.

DIGITAL COUNTERS

- Use of a digital counter for testing a controlled electrophysiological experiment. M. N. Litvinov and others. Biofizika 11 no. 2:266-313 '66.

DIGITAL INFORMATION TRANSMISSION

- Effect of desynchronization on the interference rejection of post detector integration in binary communication systems. E. G. Serbinaki. Elektrosvyaz' 20 no. 3:50-59 Mr '66.

Instructing a signalman on a keyboard transmitter. V. M. Rubnov. Vest. prosvetovozd. obor. no. 3:66-67 Mr '66.

Possibility for increasing the transmission speed of discrete information. M. I. Pelekhatiy. Elektrosvyaz' 20 no. 3:33-41 Mr '66.

DIGITALIS

- History of the use of Digitalis purpurea in Russia for therapeutic purposes. N. F. Kravchenko and others. Farm. i toks. 26 no. 4:487-488 Ji-Ag '65.

DIKES (GEOLOGY) see subdivision under Kuznetsk Alatau

DILATOMETER

- Dilatometer with inductive transducer for studying phase transitions. E. I. Estrin. Zav. lab. 32 no. 3:358-370 '66.
- Rapid-response dilatometer for recording fast processes in metals and alloys. I. U. Z. Borkovskiy, V. V. Parusov. Zav. lab. 31 no. 6:740-750 '65.

DILATOMETRY

Volume changes during the melting of compounds having galena structure. V.M. Glazov, N.N. Ginegoleva, S.B. Lygin'ev. *Izv. V.S.S.R. Neorg. mat.* 2 no. 3:418-423 Mr '66

DIMITROV, GEORGH MIKHAILOVICH, 1882-1949

G.M. Dimitrov in Odesa in 1928. P.S. Sokhan'. *Ukr. ist. zhur.* 8 no. 1:85-87 Ja-F '64.

DINOSAURIA

Rozhdestvenskii, A.K. [Encounters with dinosaurs] *Vesteshi s dinozaviami*. Moskva, Znanie, 1966, 60 p. (Novoe v zhizni nauke, tekhnike XSci iia. Motode/humita, no. 7)

DIOXOLANE

Reaction of 2,2-dialkyl-1-vinylthioether with 1,3-dioxolane with nucleophiles. M.F. Shostakovskii and others. *Zhur. org. khim.* 2 no. 2:209-212 1 '66.

DIPHtheria

Effect of measles and live measles vaccine on diphtheria immunity. E.V. Dumina. *Trudy I am. inst. epid. i mikrobiol.* 24:257-260 '65

DIPIN

Effect of triiodothyronine and thyroidectomy on the antinociceptive activity of dipin. V.A. Chernov, S.M. Volodarskaya. *Vop. ont.* 10 no. 11:93-100 '64.

Production of antibodies and the ratio of serum protein fractions in rabbits during the administration of dipin. I.E. Kovalev. *Farm. i toks.* 28 no. 1:168-171 Ji-Jg '65

DIPOLE MOMENTS

Effective dipole moment of molecules and intermolecular reactions involving π -electrons. A.E. Lutskaia. *Zhur. strukt. khim.* 7 no. 1:143-145 Ja-F '66.

Methods for finding the trajectories of neutral particles with a dipole moment moving in inhomogeneous fields. A.A. Zhigalov, T.F. Nikulina, G.M. Smirnovskii. *Fiz. elek.* no. 2:3-11 '65

DIPTERA

(see also subdivision under Polesye)

Study of the peitrophilic membrane of some Diptera in polarized light. D.P. Zhuravkov. *Vest. Mosk. un.* Ser. 6. Biol. pochv. 21 no. 1:37-41 Ja-F '66

DIPTEREX

Species characteristics of the sensitivity of synanthropic flies to dipterex as related to temperature. N.A. Tamarsina. *Nauch. dokl. vys. shkoly, biol. nauk.* no. 2:21-21 '66.

DISABILITY EVALUATION

(see also subdivision under Kazan)

Means of reducing the total disability in vocational disease cases. A. Volkova. *Sots. obesp.* 41 no. 4:33-31 Ap '66

Organizing principles of disability evaluation. A. Tret'iakov. *Sots. obesp.* 41 no. 3:34-37 Mr '66.

Resolutions of the congress and the problems of disability evaluation. *Sots. obesp.* 41 no. 4:30-32 Ap '66.

DISABLED VETERANS see Veterans, Disabled

DISCOMYCETES see subdivision under Maritime Territory

DISEASES—CAUSES AND THEORIES OF CAUSATION

Keibakov, O.V. [Problem of causality in medicine. Social problems in medicine [by] A.M. Lukin. Criticism of the philosophical principles of some theories and trends of medicine in capitalist countries [by] I.U. P. Lisitsin]. *Problema prichinnosti v meditsine. Sotsialnye problemy meditsiny [by] A.M. Lukin. Kritika filosoficheskikh osnov nekotorykh teorii i napravlenii meditsiny kapitalisticheskikh stran [by] I.U. P. Lisitsin.* Moskva, Znanie, 1965 62 p. (Biblioteka "Filosofskie problemy meditsiny," no. 5)

DISINFECTION AND DISINFECTANTS

Chamberless method for disinfecting anamnestic records by ethylene oxide. V.S. Antonov. *Voen.-med. zhur.* no. 3:52-54 Mi '66.

Kachkovskii, V.M., S.P. Komadovskii, and G.M. Meerzon. [Disinfection chambers] *Dazinfektsionnye kamery.* Pod red. A.B. Pavlova. Kiev, Zdorov'ia, 1966, 243 p. diagrs. (insort) (DNLN)

DISLOCATIONS IN CRYSTALS

Effect of accumulations of dislocations on the character of a breakdown at the grain boundaries. A.I. Korshagin. *Izv. AN Arm. SSR, Ser. tekhn. nauk.* 19 no. 1:56-58 '66

DISLOCATIONS IN METALS

Dislocation structure of deformed austenite and its "inheritance" by martensite. L.M. Ulevskii, P.R. Khaishimov. *Metalloved. i term. obr. met.* no. 4:1-6 Ap '66

Equality of activation energies of slow failure, constant-rate creep, and the climbing of dislocations in high alloys. B.A. Movchan, L.M. Nerodenko. *Fiz. met. i metalloved.* 21 no. 3:448-451 Mr '66.

stress relaxation caused by the Peierls dislocation following the formation of a Cottrell cloud. I.A. T. Buzak, I.A. S. Postirigach. *Fiz.-khim. meth. mat.* 2 no. 1:45-50 '66.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT

The decision of the plenary session of the Supreme Court of the U.S.S.R. which should be defined more exactly. *IC. Talm. i kl. Rad. prav.* 39 no. 1:71-75 Ap '66

Who is in charge of this dance platform? A. Kakharov, A. Petrochenko. *Mol. komm.* no. 3:92-96 '66.

DISPERSION—CONGRESSES

Fifth All-Union Interuniversity Conference on Problems of the Evaporation, Combustion, and Gas Dynamics of Dispersion Systems. N.P. Tver'skaya. *Izv. AN SSSR, Fiz. khim.* 42 no. 1:439-442 Ap '66

DISPERSION ANALYSIS see Particle size determination

DISSERTATIONS, ACADEMIC

Lists of defended dissertations. *Izv. vys. ucheb. zav.; pisheh. tekhn.* no. 2:51, 109 '66

Lists of subjects of dissertations defended in 1964 and 1965 for the degree of candidate of historical sciences in the Section of the History of the Communist Party of the Soviet Union. *Vop. ist. KPSS* 10 no. 5:156-158 My '66

Prikhod'ko, P.T. [On the path of science: introduction to the organization and technique of research of young scientists] *Tropol. nauki, vvedenie v organizatsiiu i tekhniku nauchno-issledovatel'skoi raboty molodogo uchenogo.* 17d. 2., 1 spr. 1 dop. [Novosibirsk] Nauka, [1965] 142 p.

DISSOCIATION

Dissociation constants of monochloroacetic and phenylacetic acids at elevated temperatures. B.S. Smolakov, M.P. Pirmamukh. *Zhur. fiz. khim.* 40 no. 1:662-667 Ap '66

Hydrothermal equilibria. Dissociation constants of some weak electrolytes at raised temperatures and pressures. R.P. Rabin'skii. *Geokh. i med. nestozn.* 8 no. 2:5-15 Mi-Ap '66

Relationship between the induction effect and values of dissociation constants in the gem-dinitro compound series. V.I. Shvetskiia and others. *Izv. AN SSSR, Ser. khim.* no. 1:615-616 '66

Vacuum-thermal dissociation of molybdenum diselenide and disulfur dioxide. A.A. Opalovskii, V.E. Fedorov. *Izv. AN SSSR, Neorg. mat.* 2 no. 3:413-440 Mr '66.

DISTILLATION

Determining the economically efficient pressure over the distillation apparatus liquid in soda production in case of the utilization of its heat by means of a thermocompressor. A.V. Semko. *Khim. prom.* 42 no. 4:285-287 Ap '66.

Evaluating the quality of activated carbon used in liqueur and vodka manufacture. M.V. Antipenko, T.V. Linkina, V.A. Smirnov. *Izv. vys. ucheb. zav., pisheh. tekhn.* no. 2:56-59 '66

Statistical analysis of the precision of regulation of mash concentration. G.M. Podkaminer. *Izv. vys. ucheb. zav., pisheh. tekhn.* no. 2:74-78 '66

DISTILLATION, FRACTIONAL

Composition of terpentine fractions obtained in the rectification of coriander oil. L.S. Ivakova, S.D. Kustova, M.M. Shchedrina. *Zhur. prikl. khim.* 39 no. 3:719-722 Mr '66.

Thorough purification of tellurium by rectification. V.N. Chernomayev, L.V. Kozhich, L.G. Povedskaya. *Zhur. prikl. khim.* 39 no. 3:528-537 Mr '66

DISTILLATION APPARATUS

Automatic connection and disconnection of D-1 distilling apparatus. O.I. Tarasov. *Farmatsevt. zhur.* 19 no. 3:82-83 '64.

Coefficients of heat transfer in fractionating columns. V.A. Maslachenko, V.N. Stabnikov. *Izv. vys. ucheb. zav., pisheh. tekhn.* no. 2:132-137 '66

Determining the purpose function of the control of rectification apparatus. L.L. Rotkop, M.L. Mandel'shtein, E.M. Trakhtenberg. *Izv. vys. ucheb. zav., pisheh. tekhn.* no. 2:115-118 '66

Higher accuracy of determination of high boiling fractions by using the TSIATIM-3U apparatus. V.E. Narizhnaia, I.L. Vyshkind. *Uzb. khim. zhur.* 9 no. 3:69-71 '65

Industrial method of the separation of pure phenols. V.G. Solonetskii. *Khim. prom.* 42 no. 4:251-254 Ap '66.

Selecting heat resistant steel for coal-tar distillation vats. L.P. Vladimirov and others. *Koks i khim.* no. 3:40-42 '66.

DISTILLATION APPARATUS—TESTING

Comparative efficiency of rotary apparatus in alcohol rectification. I.M. Anoshin, R.V. Koren'. *Ferm. i splrit. prom.* 32 no. 3:17-20 '66.

DISTILLERY BY-PRODUCTS see subdivision under Bar (Vinitsa Province)

DISTILLING INDUSTRIES—EQUIPMENT AND SUPPLIES (see also subdivision under Andrushevka, Zhukovskiy Province, Tatar A.S.S.R.)

Comparative testing of the contact heads of a continuous cereal cooker. D.G. Iudin'vii, I.M. Fedotkin. *Izv. splrit. prom.* 32 no. 3:12-16 '66.

Reducing adhesion in the surface culture of mold fungi. M.S. Shul'man, L.M. Valner. *Ferm. i splrit. prom.* 32 no. 3:23 '66.

DISTILLING INDUSTRIES—PRODUCTION CONTROL

Technical and chemical control and production accounting must be at the level of the present-day tasks. *Ferm. i splrit. prom.* 32 no. 3:1-3 '66.

DISTILLING INDUSTRIES—TECHNOLOGICAL INNOVATIONS

Seminar held for the correspondence students of the Institute for the Improvement of the Knowledge of the Members of the Scientific and Technical Society in the USSR on Distilling Industries. S.S. Zhuravleva. *Ferm. i splrit. prom.* 32 no. 3:41-43 '66.

DISTRIBUTION (PROBABILITY THEORY)

Application of distribution functions to the study of emulsions. A.A. Radvil', N.A. Novikova, V.F. Dorovagin. *Koll. zhur.* 28 no. 2:258-263 Mr-Ap '66.

Densities of Gaussian distributions and Wiener's integral equations. I.U. A. Rozanov. *Teor. veroiat. i prim.* 11 no. 1:170-179 '66

Effectiveness of distinguishing between normal and uniform types of distribution on the basis of small samples. G.G. Khakhublia. *Teor. veroiat. i prim.* 11 no. 1:166-182 '66.

Methods for the simulation of continuous stochastic variables from variables of uniform distribution. I.I. Romanovskii. *Metod. vych.* no. 3:113-121 '66.

Probability distributions on topological groups. V.V. Sazonov, V.N. Tutubalin. *Teor. veroiat. i prim.* 11 no. 1:3-55 '66

Rate of approximation to limit distributions in the classical problem of pellets. V.F. Kolchin. *Teor. veroiat. i prim.* 11 no. 1:131-136 '66.

DISTRIBUTIVE EDUCATION

People's universities. N. Shagin. *Sov. toig.* 39 no. 1:30 Ja '66.

DITHIONITES—THERAPEUTIC USE

Hyposulfite therapy in veterinary practice. P.P. Gabshenkov, A.E. Dulehov. *Uch. zap. Mord. gos. un.* no. 47:99-104 '65.

DITHIZONE—TOXICOLOGY

Pathogenesis of dithizone diabetes. I.A. A. Lazavits. *Probl. endok. i gorm.* 12 no. 2:77-82 Mi-Ap '66

DIURETICS AND DIURESIS

Estimating the dynamics and extent of diuresis in the functional study of the kidney in small ruminants. V.F. I. sov. *Uch. zap. KVI* 93:69-93 '64.

Influence of acetylcholine on diuresis in dogs under the effect of hydrogen sulfide baths. E.G. Kopteva. *Vop. kur., fiziol. i lech. fiz. kul't.* 31 no. 1:25-28 '66.

Progesterone treatment of edematous-ascitic syndrome in patients with cirrhosis of the liver. V.M. I. ierzov, A.S. Loginov. *Sov. med.* 29 no. 4:50-55 Ap '66.

DIVING, SUBMARINE

(see also subdivision under White Russia)

Organization of light diving training in a training detachment. N.V. Il'iasov. *Mor. sbor.* 47 no. 2:68-70 F '64

DIVINING—ROD

Curious story of the "magic rod." M. Gold, *Neflanak* 11 no. 3:38-39 Mr '66.

DIVISION OF LABOR see subdivision under Europe, Eastern

DIVORCE

Decision No. 13 of the Plenum of the Supreme Court of the U.S.S.R. of December 29, 1965, entitled "Court implementation of the Decree of the Presidium of the Supreme Soviet of the U.S.S.R. of December 10, 1963, known as "Certain amendments of rules for hearing divorce cases by courts." *Biol. Verkh. Suda* no. 1:15-17 '66.

DIVORCE IN LITERATURE

The praise of banality. Ivan Shevtsov. *V mire knig* 6 no. 3:93 Mr '66.

DMANISI (GEORGIA)—INSCRIPTIONS, ARABIC

Kakhiani, TS.P. [Arabic inscriptions from Dmanisi] *Arabskio nadpisi iz Dmanisi.* Tbilisi, Metsnerebi, 1965, 71 p. 61 plates. [In Georgian]

DNEPRDZERZHINSK HYDROELECTRIC POWER STATION

Experience in the operation of the electric equipment of the Dneprodzerzhinsk Hydroelectric Power Station. I.K. Proskurin. *Elek. sta.* 37 no. 2:37-38 F '66.

DNEPROPETROVSK—AERONAUTICS IN AGRICULTURE
30 thousand hectares more. C. P. Bogdanuk, Chazhd, av. 22 no. 9:21 '65.

DNEPROPETROVSK—FLOUR MILLS—ELECTRIC EQUIPMENT

Struggle for the economy of electric power; practices at the Dnepropetrovsk Grain Product Combine. V. Rogozn, Muk. elev. prom. 32 no. 4:19-20 Ap '66.

DNEPROPETROVSK PROVINCE—DRUGSTORES

Some results of the work of the drugstore network in Dnepropetrovsk Province during the six years of the seven-year plan. I. V. Batolomiev, Farmatsy, zhur. 20 no. 2:91-92 '65.

DNEPROPETROVSK PROVINCE—SUGAR TRADE

"Bumps" on the path to the increase of beet procurement. D. Meksin, Zakup. sel'khoz. priod. no. 2:28-29 F '66.

DNEPER-DONETS LOWLAND—DRILLING MUDS

Using palygorskite clay in drilling chemogenic sediments in the Dnieper-Donets Lowland. N. Kh. Titarenko, A. T. Levchenko, K. A. Pankov, Neft. i gaz. prom. no. 1:18-21 Ja-F '66.

DNEPER-DONETS LOWLAND—GAS, NATURAL—GEOLOGY

Geothermic conditions and oil and gas accumulations in the Rybal'skoye oil and gas field. V. V. Kravtsev, V. G. Osadchii, Neftegaz. geol. i geofiz. no. 3:3-7 '66.

Prospecting for oil and gas in Devonian sediments in the northwestern part of the Dnieper-Donets Lowland. A. I. A. Larchenko, L. P. Kovtunov, N. E. Chuprin, Neftegaz. geol. i geofiz. no. 3:7-8 '66.

DNEPER-DONETS LOWLAND—OIL WELL DRILLING

Relationship between the mathematical indices and the effect of hydrostatic pressure on the efficiency of bit performance as exemplified by drilling operations in the southeastern part of the Dnieper-Donets Lowland. I. A. Kiyachuk, I. P. Pustovottenko, Dnienko no. 3:13-14 '65.

DNEPER-DONETS LOWLAND—PETROLEUM GEOLOGY

Geothermic conditions and oil and gas accumulations in the Rybal'skoye oil and gas field. V. V. Kravtsev, V. G. Osadchii, Neftegaz. geol. i geofiz. no. 3:3-7 '66.

Prospecting for oil and gas in Devonian sediments in the northwestern part of the Dnieper-Donets Lowland. A. I. A. Larchenko, L. P. Kovtunov, N. E. Chuprin, Neftegaz. geol. i geofiz. no. 3:7-8 '66.

DNEPER-DONETS LOWLAND—WATER, UNDERGROUND

New data on hydrogeology in the northeastern part of the Dnieper-Donets Lowland. H. M. Zakharovich, I. O. Mislatov, H. O. Lisenberg, Geol. zhur. 20 no. 1:77-79 '65.

DNEPER RIVER—DREDGING

The channel maintenance workers of the Dnieper River. A. P. Dreva, Rich. transp. 24 no. 9:53 '65.

DNEPER RIVER—SHIPPING

The Dnieper potentialities. K. Strazov, Ekon. Rad. Ukr. 8 no. 7:14-19 Ji '65.

DNEPR VALLEY—GABBRO

Komonov, I. V. [Gabbro massifs of the Ukrainian Shield; central part] Habrovi masivy Ukrain's'koho shchyt; tsentral'na chastyina. Kyiv, Naukova dumka, 1965. 97 p. map. (insort)

DNEPR VALLEY—GEOLOGY, STRATIGRAPHIC

New data on the Paleocene of the northeastern part of the Ukrainian Shield. D. E. Makarenko, R. N. Rotman, Geol. zhur. 28 no. 1:42-51 '66.

DNEPR VALLEY—GEOLOGY, STRUCTURAL

Lower Permian as an indicator of the tectonic development of the Dnieper graben. N. P. Brynza and others. Izv. AN SSSR. Ser. geol. 31 no. 3:68-75 Mr '66.

Tectonics of the Ukrainian Shield based on geophysical data. K. F. Tlapkin and others, Geotektonika no. 2: 72-82 Mr-Apr '65.

DNEPR VALLEY—WATER, UNDERGROUND

Prognosis of the development of underground backwaters using V. S. Luk'yanov's hydraulic integrator. P. M. Patichenko, A. B. Solnikov, Vop. osush. most. pol. iskop. no. 3:47-53 '64.

DNEPR VALLEY—WEATHERING

Carbonates of manganese and magnetite in the weathering surface of ultrabases in the middle Dnieper Valley. A. D. Dodadko, Kola vyvetr. no. 7:159-169 '66.

DNIESTER VALLEY—CINNABAR

Find of cinnabar in the Dniester Valley. E. I. Lohvyn, Dop. AN URSS no. 3:392-393 '66.

DNIESTER VALLEY—COPPER ORES

Sulfide-copper mineralization in one of the fracture zones in the Dniester Valley. V. A. Hlavenko, O. L. Lytvyn, Geol. zhur. 28 no. 1:100-104 '66.

DNIESTER VALLEY—INVERTEBRATES, FOSSIL

Fossil imprints of the life of Senonian invertebrates in the middle Dniester Valley. I. U. M. Sen'kova'kyl, M. I. U. Fedushchak, Geol. zhur. 23 no. 0:84-87 '63.

DNIESTER VALLEY—STRONTIUM

Geochemistry of strontium in the producing layer of sulfur deposits in the Dniester Valley. B. I. Stebrodol'ski, Geol. i geokhim. mestorozh. tver. gor. isk. no. 1:66-70 '65.

DOBROKHOTOV, NIKOLAI NIKOLAEVICH, 1889-1964(?)

Scientific, engineering, and pedagogical work of Academician Nikolai Nikolaevich Dobrokhotov of the Academy of Sciences of the Ukrainian S S R. V. S. Kochko, Vop. prosv. stali no. 10:5-22 '65.

DOBROSLAVIN, ALEKSEI PETROVICH, 1842-1887

Boit'skaya, E. I. A. [A. P. Dobroslavin and the development of experimental hygiene in Russia] Dobroslavin i razvitiye eksperimental'noi gigieny v Rossii. [Leningrad] Meditsina, 1968. 193 p.

DOCKS

Construction and use of docks abroad. S. V. Mamulin, Sudostroyeniye 30 no. 6:72-73 Ja '64.

DOCUMENTARY FILMS see Motion pictures, Documentary

DOCUMENTATION—CONGRESSES

Thirty-first Conference and Congress of the International Federation for Documentation. F. A. Sviridov, NTI no. 1:6-8 '66.

DOGS—ANATOMY

Development of the synaptic formations in the brain of dogs during the postembryonic period. A. Muzumadiev, Trudy AZVI 13:271-278 '64.

Extracranial nerves of the heart in dogs. G. A. Blagodan'skikh, Uch. zap. KVI 93:55-60 '61.

DOGS—DISEASES AND PESTS

Epilepsy of carnivores and its treatment. V. G. Bushkov, Uch. zap. KVI 92:99-109 '64.

DOGS—PARASITES see Parasites—Dogs

DOLINA OIL FIELD—OIL WELL DRILLING, ELECTRIC

Using electric drills in air drilling in the Dolina field. A. O. Mezhlumov, O. V. Zore, V. M. Vasiuk, Dnienko no. 3:36 '66.

DOLMATOVSKII, EVGENII ARONOVICH, 1915-

There is such poetry... A. Sinlavskii, Nov. mir 41 no. 3:241-248 Ma '65.

DOLPHINS

Physicochemical characteristics of metmyoglobin from Dolphinus dolphins. B. P. Atanasov, Biokhimiya 31 no. 1:50-62 Ja-F '66.

DOMESTIC ANIMALS—PARASITES see Parasites—Domestic animals

DOMESTIC RELATIONS

(see also subdivision under Georgia)

Markova, M. G., and N. P. Lonskaii. [Soviet family and the law] Sovetskaya sem'ia i pravo. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 39 p.

DOMINICAN REPUBLIC—ELECTIONS

Santo Domingo? Before the elections. Juan Cobo, Nov. vrem. 23 no. 22:19-20 My '66.

DOMINICAN REPUBLIC—FOREIGN PUBLIC OPINION

Solidarity with the Dominican Republic... A. Kh. Nov. vrem. 23 no. 19:15-16 My '66.

DOMODEDOVA (MOSCOW PROVINCE)—AERONAUTICS, COMMERCIAL

Components of authority. A. Troshin, Grazhd. av. 22 no. 9:14-15 S '65.

DON VALLEY—ANTIQUITIES

Functional characteristics of articles from the Fedulovo treasure-trove. I. P. Zaslavskaya, Arkheol. sbor. [Erm.] no. 7:20-36 '65.

DONELAITIS, KRISTIJONAS, 1814-1870

[Anniversary of Kristijonas Donelaitis] Kristijono Donelaitis jubiliejiniai metal. Vilnius, Vaga, 1965. 246 p. [In Lithuanian]

DONETS BASIN—BITUMEN—GEOLOGY

Study of the chemical nature of coal bitumens in the Donets Basin. I. V. Grinberg and others, Geol. i geokhim. mestorozh. tver. gor. isk. no. 1:22-25 '65.

DONETS BASIN—COAL MINES AND MINING

History of technological development of the coal industry in the Donets Basin. O. N. Shcherban', P. S. Kucherov, H. M. Dobrov, Ukr. ist. zhur. 8 no. 1:157-158 '64.

Studying work practices at the "Dzerzhinskii" coal mine. N. I. Zhizlov, Ugol' Uka. 10 no. 4:36 Ap '66.

DONETS BASIN—COAL MINES AND MINING—AC-COUNTING

Standard accounting method in the coal industry. M. Feidman, Bukh. uch. et no. 3:15-17 Mr '66.

DONETS BASIN—COAL MINES AND MINING—COSTS

Expenses for the maintenance of mine workings at coal mine No 4 on the Yanovka hydraulic mine. B. V. Rad'ko, A. A. G. Znamov, Ugol' Uka. 10 no. 4:16-18 Ap '66.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Potentialities in coal mining. O. M. Rudenchuk, Ugol' Uka. 10 no. 1:36-37 Ap '66.

DONETS BASIN—COAL MINES AND MINING—SAFETY MEASURES

Experience in mining in outburst-prone sandstones of the central region of the Donets Basin. G. V. Stepanovich, V. I. Nikolin, Ugol' 41 no. 4:31-54 Ap '66.

DONETS BASIN—COAL MINES AND MINING—STUDY AND TEACHING

Regional economic seminar on coal mining. R. K. Gul'akov, A. I. Zima, Ugol' Uka. 10 no. 1:54 Ap '66.

DONETS BASIN—COAL MINING MACHINERY—TESTING

Comparative testing of bits during electric rotary boring of boreholes in hard sandstones in the coal mines of the Rustovogol' Combine. I. D. Chumakov and others, Ugol' 41 no. 4:33-35 Ap '66.

Results of using the blow without guide tubes at "Nagol'-chanskaya" mine No 4 of the Antiatist Trust. N. A. Tishchenko, V. G. Akhman, G. N. Mamovich, Ugol' 41 no. 4:30-32 Ap '66.

DONETS BASIN—COAL RESEARCH

Contributions by the Donets Coal Research Institute to mining. I. P. Krasovov, Ugol' Uka. 10 no. 4:18-12 Ap '66.

DONETS BASIN—ELECTRIC PROSPECTING

Scheme of the division of Upper Cretaceous sediments in the northwestern margins of the Donets Basin according to data of lithology and microfauna. B. M. Kosenko, O. S. Lypnyk, Geol. zhur. 26 no. 1:31-41 '66.

DONETS BASIN—FLUORSPAR

Some genetic characteristics of the fluorite mineralization in the conjugated zone of the Donets Basin and the region of the Sea of Azov. B. S. Panov, Dop. AN URSS no. 2:249-252 '66.

DONETS BASIN—GAS, NATURAL—GEOLOGY

Gas manifestation in Krasnoarmeyak Western District of the Donets Basin. E. G. Tokareva, Izv. vys. ucheb. zav., geol. i razv. 9 no. 4:92-95 Ap '66.

Some characteristics of the changes in the porosity and gas permeability of Lower Carboniferous sediments in the western Donets Basin. A. Z. Shirkov and others, Geol. i geokhim. mestorozh. tver. gor. isk. no. 1:14-21 '65.

DONETS BASIN—GEOLOGY, STRATIGRAPHIC

Basal chert sediments of the Lower Triassic in the north-eastern margin of the Donets Basin. E. V. Movshovych, L. A. Saifakova'kyl, Geol. zhur. 26 no. 1:52-59 '66.

Lithofacies characteristics of Bashkir sediments in the Chistiyakov-Saizimyan'sk region of the Donets Basin. M. T. Kucharenko and others, Dop. AN URSS no. 2:225-228 '66.

Scheme of the division of Upper Cretaceous sediments in the northwestern margins of the Donets Basin according to data of lithology and microfauna. B. M. Kosenko, O. S. Lypnyk, Geol. zhur. 26 no. 1:31-41 '66.

DONETS BASIN—METASOMATISM

Circumfractural metasomatism in the region of the Volnovakha fractional zone and its prospecting significance. S. V. Noshalev, Geol. zhur. 23 no. 6:66-71 '63.

DONETS BASIN—ORE DEPOSITS

Geological prerequisites for utilizing the poor mineralization of the Nikitovka ore zone. A. M. Dobrians'kyl, Dop. AN URSS no. 3:381-383 '66.

Zoning the hydrothermal mineralization in Paleozoic rocks in the central part of the Greater Donets Basin. I. A. Borysenko and others, Geol. zhur. 26 no. 1:24-30 '66.

DONETS BASIN—PROSPECTING

Circumfractural metasomatism in the region of the Volnovakha fractional zone and its prospecting significance. S. V. Noshalev, Geol. zhur. 23 no. 6:66-71 '63.

DONETS BASIN—ROCKS, SEDIMENTARY—PERMEABILITY

Some characteristics of the changes in the porosity and gas permeability of Lower Carboniferous sediments in the western Donets Basin. A. Z. Shirkov and others, Geol. i geokhim. mestorozh. tver. gor. isk. no. 1:14-21 '65.

DOUGLAS BASIN—TERRMAL WATERS

Investigation of the thermal waters of the Douglas Basin in the eastern margin of the Tashkent Plateau. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUGLAS BASIN—WORLD WAR, 1939-1945

Participation of workers from Kazakhstan on rebuilding the Douglas Basin during the Great Patriotic War. *M. Kazansk. A. Zhurnal. Uch. i zhur.* 8 no. 151-55 Jan-F '64

DOUGLAS ECONOMIC REGION—CORE MAKING

Core making of the Douglas Basin of chapslets and springs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUGLAS ECONOMIC REGION—WIRE INDUSTRY

Investigation of the production of wire and springs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUGLAS COAL INDUSTRY

Investigation of the coal industry. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUGLAS MACHINERY INDUSTRY—EQUIPMENT

Investigation of the machinery industry. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUGLAS PROVINCE—APARTMENT HOUSES

Investigation of the apartment houses. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUGLAS PROVINCE—COAL MINERS

Political mass work of Party organizations in the coal industry in 1933-1958, based on materials from Donetsk Province. *A. S. Tkachenko. Ukr. i zhur.* 8 no. 1 47-51 Jan-F '64

DOUGLAS PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Investigation of the Communist Party of the Soviet Union. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUGLAS PROVINCE—DRUGSTORES

Investigation of the drugstores. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUGLAS PROVINCE—PEGMATITES

Investigation of the pegmatites. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUGLAS PROVINCE—QUARRIES AND QUARRYING

Investigation of the quarries and quarrying. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUGLAS PROVINCE—RETAIL TRADE—ACCOUNTING

Investigation of the retail trade and accounting. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOORS

Investigation of the doors. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOPPLER EFFECT

Investigation of the Doppler effect. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DORMANCY IN PLANTS

Investigation of the dormancy in plants. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DORMICE

Investigation of the dormice. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOROGOBUZH (SMOLENSK PROVINCE)—FERTILIZER PLANTS

Investigation of the fertilizer plants. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOROSH, EFIM

Investigation of Dorosh, Efim. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUBLE BONDS

Investigation of the double bonds. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DOUBLE SALTS see Salts, Double

DOUBLE STARS see Stars, Double

DOUGH

Investigation of the dough. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

{MICROFILM}

Investigation of the dough. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRACOCEPHALUM see Dragonhead

DRAGONHEAD

Investigation of the dragonhead. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRAINAGE

Investigation of the drainage. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drainage. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drainage. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drainage. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRAINAGE, HOUSE

Investigation of the drainage. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRAINAGE, SURGICAL

Investigation of the drainage. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drainage. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRAMA FESTIVALS see subdivision under Dubrovnik, Yugoslavia

DRAWING (METALWORK)

Investigation of the drawing. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drawing. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRAWING INSTRUMENTS

Investigation of the drawing instruments. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drawing instruments. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DREDGING see subdivision under Dnieper River

DREDGING MACHINERY

Investigation of the dredging machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the dredging machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the dredging machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the dredging machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DREDGING MACHINERY—DESIGN AND CONSTRUCTION

Investigation of the dredging machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DREDGING MACHINERY—ELECTRIC EQUIPMENT

Investigation of the dredging machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DREDGING MACHINERY—SAFETY MEASURES

Investigation of the dredging machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DREISSENIDAE

Investigation of the Dreissenidae. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRIFTING ICE STATIONS see subdivision under Arctic regions

DRILLING AND BORING MACHINERY

Investigation of the drilling and boring machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling and boring machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling and boring machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling and boring machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling and boring machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling and boring machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling and boring machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling and boring machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRILLING AND BORING MACHINERY—ELECTRIC DRIVING

Investigation of the drilling and boring machinery. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRILLING FLUIDS

Investigation of the drilling fluids. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRILLING MUDS

Investigation of the drilling muds. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling muds. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling muds. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling muds. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling muds. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling muds. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRILLING MUDS—ANALYSIS

Investigation of the drilling muds. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling muds. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drilling muds. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DROSOPHILA

Investigation of the Drosophila. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the Drosophila. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the Drosophila. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the Drosophila. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the Drosophila. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRUGS

Investigation of the drugs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drugs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drugs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drugs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drugs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drugs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drugs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRUGS—ADULTERATION AND ANALYSIS

Investigation of the drugs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drugs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

Investigation of the drugs. *Izv. Akad. Nauk SSSR Ser. Geol. Nauk* 26 no. 1 1965

DRUGS—EFFECT ON MICRO-ORGANISMS see
Micro-organisms, Effect of drugs on

DRUGS—SIDE EFFECTS

Clinical characteristics of complications in steroid therapy, and measures for their prevention. S. L. Popov, P. O. Viazitskii. Sov. med. 20 no. 3:31-35 Mr '66.

DRUGSTORES

(see also subdivision under Dnepropetrovsk Province, Donetsk Province, Kharkov Province, Kiev Province, Tajikistan, Ukraine)

Bactericidal irradiation of the air in drugstores. D. A. Zil'ber, A. I. Otkhovich. Apt. delo 13 no. 6:8-12 N-D '64

Drugstores in cooperative buildings. I. I. Spivak. Taimatsev. zhur. 19 no. 5:78-80 '61

Problem of using cybernetics in drugstores. F. N. Vasil'kov, A. G. Vasil'eva. Apt. delo 13 no. 6:9-8 N-D '61

DRUGSTORES—EQUIPMENT AND SUPPLIES

Technical inspection of medical autoclaves. A. A. Danilenko, Apt. delo 13 no. 6:68-69 N-D '61

DRYING

Organization of the predrying and burning of sulfate liquor in power soda-ash recovery units. P. A. Zhuchkov. Trudy LITSBP no. 18:70-74 '65.

DRYING APPARATUS

Modernization of drying plants and automation of the drying process. M. L. Dukhovnyi, G. N. Koen, M. A. Chelish. Energ. zhur. no. 18:69-71 '61.

Stationary dryer for liquid solutions. M. Chernov. Mias. ind. SSSR 37 no. 2:35-36 '66.

Theory and design of vibratory dryers. L. N. Veloshin. Izv. vuz. ucheb. zav. fizich. tekhn. no. 2:138-144 '66.

Uniformity in drying ceramic products in chamber dryers. G. F. Simin, M. A. Buz, I. A. Shepelev. Sbor. trud. VNISTROM no. 1:65-61 '64

DRYING APPARATUS—TESTING

Results of the industrial testing of the steam and gas drum dryer. I. A. S. Opman, E. A. Osadchii. Trif. prom. 13 no. 3:8-10 '66.

DUBLYANY REGION (LYOV PROVINCE)—PASTURES AND MEADOWS

Meadows of the Dublyany-Yarychev Valley in Lyov Province. I. S. Amelin. Ukr. bot. zhur. 23 no. 2:72-78 '66.

DUBROVNIK, YUGOSLAVIA—DRAMA FESTIVALS

The scenery of Dubrovnik. L. Khelfets. Teatr. 27 no. 3:130-135 Mr '66.

DUCKS—FEEDINGS AND FEEDS

Digestibility of nutrients, the balance of nitrogen, calcium and phosphorus in ducks fed mixed silage. V. E. Lemeshev, A. V. Buhakov. Vestn. AN BSSR, Ser. sel'kh. nauk. no. 1:95-100 '66.

DUCKWEED

Allelopathy of the lesser duckweed. O. I. Tykhonov, P. E. Klyuchuk, V. I. Lytvynenko. Taimatsev. zhur. 20 no. 2:53-55 '65.

DUCTUS ARTERIOSUS

Diagnosis and surgical treatment of patent ductus arteriosus. F. G. Ugllov, I. F. Diachenko, I. F. Neklasov. Khirurgiya 42 no. 4:12-20 Ap '66.

DUHRING, EUGEN KARL, 1833-1921

Eugels, Friedrich. [Anti-Düring; Herr Eugen Düring's revolution in science. Translated from the German] Anti-Düring; perevorot v nauku proizvedennyi gosposidnom Evgeniem Düringom. Moskva, Politizdat, 1966. 462 p.

DUODENUM—CANCER

Lobectomy for solitary metastasis of cancer into the lungs from the ampulla of Vater. N. D. Martin. Vop. onk. 12 no. 4:104-106 '65.

DUODENUM—DISEASES

Role of intraduodenal hypertension in the development of pancreatitis. K. D. Toskin and others. Pat. fiziol. i ekspt. topog. 10 no. 1:10-14 Ja-F '66.

DUODENUM—SURGERY

Late results of surgical treatment of gastric and duodenal ulcer based on the materials from some Volgograd hospitals. T. A. Novikova. Vop. travm. no. 2:207-212 '63

DUSHANBE—LIGHTING

Outdoor lighting in Dushanbe. A. G. Shkurko. St. o. i. arkh. i. zh. 7 no. 4:39 Ap '66.

DUST see subdivision under Asia, Central

DUST—MEASUREMENT

Kuzik, L. V. [Methods for testing air dustiness in working areas] Metody issledovaniia zapylenosti vozdukh. rabochikh pomeshchenii. Moskva, Tsentr. in-l usovershenstvovaniia vrachel, 1965. 57 p. [MICROFILM]

DUST—PHYSIOLOGICAL EFFECT

Treatment of chronic bronchitis caused by dust in the Svyatogorsk Antisilicosis Sanatorium. V. V. I. chadova and others. Vop. kur. i fizioter. i lech. fiz. kul't. 30 no. 2:171-172 Mr-Apr '65.

DUST—PREVENTION

Airtight sealing of conveying equipment. N. I. Chertkov, M. I. Vashila. Masi- zhur. prom. 32 no. 2:36-38 F '66

DUST—REMOVAL

Air cooling and dust removal in centrifugal ventilators. L. Pavlukhin, A. Savina. Otkr. truda i sois. strakh. 9 no. 5:39-40 My '66.

DUST COLLECTORS

Dust collecting in lead, zinc, and copper smelting plants in capitalist countries. D. I. Isaev. TSvet. met. 30 no. 3:89-92 Mr '66

Dust elimination in the production processes of the cement industry in Czechoslovakia. Milos Tomalides. Tsem. 32 no. 2:13-15 Mr-Apr '66.

Dynamic apparatus for determining the cohesion of dust particles settled on the surface of filters, cyclones, precipitators, and electrostatic precipitator electrodes. V. N. Solov. Koll. zhur. 28 no. 2:275-277 Mr-Apr '66.

Volkov Plant workers made "Omikron." O. Zholondkovskii. Otkr. truda i sois. strakh. 9 no. 4:27-28 Ap '66.

DWELLINGS see subdivision under Mongolia

DWELLINGS—DESIGN AND CONSTRUCTION see subdivision under Uzbekistan

DYAT'KOVO DISTRICT—WORLD WAR, 1939-1945—

UNDERGROUND MOVEMENTS

Fighting youth. Vlachalav Kuznetsov. Sov. voln. 47 no. 17:24-25 S '65.

DYBENKO, PAVEL EFIMOVICH, 1889-1938

Heroic son of the people; on the 75th anniversary of the birth of P. E. Dybenko. I. Yu. Kostev. Ukr. ist. zhur. 8 no. 1:117-118 '64.

Salto of the revolution. N. P. Muzunin. Mor. sbor. 47 no. 2:37-40 F '64.

DYES AND DYEING

Some reactions of alcohols with dyes. F. M. Shemiakin, N. K. Medvedeva. Trudy I-go NMI 17:48-154 '62.

DYES AND DYEING—COTTON

Use of preparations accelerating the acid aging of vat printed cotton fabrics. F. I. Sadov and others. Tekst. prom. 26 no. 4:60-63 Ap '66.

DYES AND DYEING—PAPER

Improving the coloring of paper stock by acid dyes. A. A. Miasnikov. Bum. prom. no. 4:25-26 Ap '66.

DYES AND DYEING—RAYON

Active dyes recommended for dyeing blended fabrics. K. M. Sidnova and others. Tekst. prom. 26 no. 4:63-67 Ap '66.

DYES AND DYEING—SPECTRA

Absorption spectra of dry layers of dyestuff at various temperatures. E. A. Nestorovskaya, A. B. Gol'denberg, K. V. Chibisov. Dokl. AN SSSR 167 no. 5:1096-1099 Ap '66.

DYES AND DYEING—TEXTILE FIBERS

Equipment for dyeing synthetic textile fibers in spools under pressure. N. V. Korotkov. Blat. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 2:17-18 F '66.

DYES AND DYEING—TEXTILE FIBERS, SYNTHETIC

Effect of the forming conditions on the intensity of dyeing of polyvinyl chloride fibers. M. A. Ash and others. Khim. volok. no. 2:22-25 '66.

DYNAMICS

Analysis of uncontrolled synchronized self-oscillating object. L. T. Gudzenko, V. E. Chertoprud. Izv. vuz. ucheb. zav. radiofiz. 8 no. 6:123-1228 '65.

A transformation of the equations of dynamics. L. G. Lobas. Prikl. mekh. 2 no. 4:97-105 '66.

DYNAMICS OF A PARTICLE

Five-dimensional relativistic system. I. U. P. Pylov. Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2:102-108 Mr-Apr '66.

Relativistic motion of a particle in a scalar field. M. M. Mirnashvili. Sborn. AN Gruz. SSR 41 no. 2:293-300 F '66.

Studying the motion of charged particles in the magnetic dipole field occurring in the outer magnetic field, using the Bloembergen method. V. P. Shalimov, I. N. Shvachunov. Kosm. issl. 4 no. 2:208-220 Mr-Apr '66.

DYNAMOMETER

Level-type dynamometer. B. M. Gershkovich. Zav. lab. 31 no. 7:866-887 '65

DYNAMOS see Electric generators

DYSENTERY

Comparative methods of antibiotic treatment used in dysentery in monkeys. I. S. Gvazava, Z. K. Stasilevich. Antibiotiki 10 no. 4:367-368 Ap '65.

Domiachov, V. M. [Dysentery] Dizeniia. Kiev, Zdrov'ia, 1966. 211 p. (Biblioteka prakticheskogo vracha) (DNLM)

Experience at the office of infectious diseases in continued treatment of former patients with acute dysentery. Sh. N. Eldel'shtein, A. F. Podlevskii. Sov. med. 20 no. 3:117-118 Mr '66.

Familial outbreak of acute bacillary dysentery. Sbor. stud. nauch. rab. Aikh. gos. med. inst. no. 2:23 '63.

Mechanism of the participation of copper in the pathogenesis of acute dysentery. N. N. Ostrovskii. Sov. med. 20 no. 3:78-79 Mr '66.

Rate of portal blood flow in acute and chronic injuries of the gastrointestinal tract. Sh. I. Gugeshashvili, G. M. Molodtshashvili. Sborn. AN Gruz. SSR 41 no. 2:485-491 F '66.

DYSENTERY—PREVENTIVE INOCULATION

Study of the immunogenic and antigenic activity of whole-cell and heated dysentery vaccines combined with prodigiosan. E. S. Gorbunova. Antibiotiki 11 no. 2:154-157 F '66.

DYSPEPSIA

Base for intraperitoneal injections of medicinal mixtures in dyspeptic calves. I. G. Shahrarin, M. Kh. Shakhmanov. Veterinaria 42 no. 3:76-78 Mr '66.

Blood proteins and protein fractions in newborn calves with dyspepsia. G. G. Nuriev. Uch. zap. KVI 80 115-121 '61.

Khamedullina, A. Kh. [Nervous activity of the nursing infant under normal conditions and in acute toxemia] Nervnaia delatel'nost' grushnogo rebenka v norme i pri ostrokh toksikozakh. Moskva, Meditsina, 1966. 235 p. (Biblioteka prakticheskogo vracha) (DNLM)

Microbial picture of the gastrointestinal tract in newborn calves with dyspepsia. A. V. Sturman. Veterinaria 42 no. 3:30-31 Mr '66.

Some medicinal plants of the Moldavian A. S. S. R. used against gastrointestinal diseases in animals. P. P. Golyshnikov. Uch. zap. Mord. gos. un. no. 47:78-88 '66.

Studying the etiology of toxic dyspepsia in newborn calves. V. M. Iuragimov. Uch. zap. KVI 80 95-99 '64.

DYSTROPHY

Changes in the hypothalamic nuclei during the development of nervous dystrophy. S. A. Babjan. Blat. eksp. biol. i med. 51 no. 2:102-105 F '66.

DZHALIL', MUSA, 1906-1944

[Memories of Musa Dzhalil'] Vospominaniia o Muse Dzhalile. [Kazan'] Tatarskoe knizhnoe izd-vo, 1966. 235 p.

DZHAMBUL—MACHINERY INDUSTRY—MANAGEMENT

Path toward profitability. I. Alzenberg. Nar. khoz. Kazakh. 24 no. 1:46-47 Ja '66.

DZHANKOY OIL FIELD—PROSPECTING—GEO-PHYSICAL METHODS

Experience in using field geophysical methods in the determination of gas saturation of argillaceous reservoirs as exemplified by the investigation of the Dzhaniko field in the Crimea. L. M. Fedina, S. P. Fedina. Trudy MINKHGP no. 56:100-101 '66.

DZHERMUK (ARMENIA)—BATHS, MEDICATED

Effect of electrophoresis and baths of Dzhermuk mineral water on the acetylcholine-cholinesterase system in diseases of the peripheral nervous system. S. A. Mirzolian, R. A. Chilingarian. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 1:20-25 '66.

DZHERMUK REGION (ARMENIA)—MINERAL WATERS

Effects of a course of treatment with Dzhermuk mineral water on the content of glycogen and mineral components in liver tissue. S. A. Mirzolian, R. A. Grigorian. Dokl. AN Arm. SSR. 42 no. 1:60-64 '66.

DZHEZKAZGAN see Samirech'ye

DZHEZKAZGAN DISTRICT—COPPER MINES AND MINING—MANAGEMENT

Cumbersome and imperfect system. L. Dantakhi, I. Li, A. Ural'skii. Nar. khoz. Kazakh. 23 no. 2:56-59 Ja '65.

DZHEZKAZGAN REGION (KAZAKHSTAN)—WATER
 Problems of the distribution of water resources in the Dzhelzhazgan region. K.I. Saptaev. *Geokhimiia* no. 6 1004-1010 Ag '65

DZHEZKAZGAN REGION (KAZAKHSTAN)—ELECTRICITY
 Problems of the distribution of electricity resources in the Dzhelzhazgan region. K.I. Saptaev. *Geokhimiia* no. 6 1004-1010 Ag '65

DZHEZKAZGAN REGION (KAZAKHSTAN)—GOLD DEPOSITS
 Problems of the distribution of gold resources in the Dzhelzhazgan region. K.I. Saptaev. *Geokhimiia* no. 6 1004-1010 Ag '65

DZHEZKAZGAN REGION (KAZAKHSTAN)—RHENIUM
 Rhenium in the area of the Dzhelzhazgan region. K.I. Saptaev. *Geokhimiia* no. 6 1004-1010 Ag '65

EARTH
 Initial differentiation stage of the earth's material. F.P. Florinskii. *Geokhimiia* no. 8 902-915 Ag '65.

EARTH—AGE
 Problems of the earth's age. F.P. Florinskii. *Geokhimiia* no. 8 902-915 Ag '65.

EARTH—INTERNAL STRUCTURE
 Deep earth envelopes and problems of the petrography of the litho and ultrabasic rocks. A.P. Lebedev. *Geokhimiia* no. 8 906-913 Ag '65.

EARTH—SURFACE
 Problems of the earth's surface. A.P. Lebedev. *Geokhimiia* no. 8 906-913 Ag '65.

EARTH—TEMPERATURE
 Problems of the earth's temperature. A.P. Lebedev. *Geokhimiia* no. 8 906-913 Ag '65.

EARTH MOVEMENTS see subdivision under Earth

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE
 Problems of the earth's temperature. A.P. Lebedev. *Geokhimiia* no. 8 906-913 Ag '65.

EARTHMOVING MACHINERY
 Newbrezov, I.A., and others. [Cutting and percussive breaking of soil] Rezanie i udarnoe razrushenie gruntov. Pod red. G.N. Pukrovskogo. Novosibirsk, Izd-vo "Nauka" Sibirskoe otd-nto, 1965. 132 p.

EARTHMOVING MACHINERY
 Vorob'ev, V.V., and others. [MAZ-529E-D357M and MAZ-529E-D357M self-propelled scrapers, their working principles and operation] Samoobhodnye skreperi MAZ-529E-D357M i MAZ-529E-D357M: ustroistvo i ekspluatatsiia. Moskva, Stroizdat, 1966. 102 p.

EARTHQUAKES see subdivision under Caucasus

EARTHQUAKES AND BUILDING
 Considering the rotation inertia of horizontal components of structures in determining seismic loads. A.A. Derkachev. S.Kh. Negmatullayev. *Dokl. AN Tadzh. SSR* 9 no. 2 40-43 '66.

EARTHQUAKES AND HYDRAULIC STRUCTURES
 Practical method of determining the action of water on massive hydraulic structures in vibration. Izv. VNIIG 74 211-216 '64.

EARTHS, MEDICAL AND SURGICAL USES OF
 Intracutaneous therapy in lumbosacral radiculitis. F.I. Litvinenko. *Vop. kur. fizioter. i lech. fiz. kul't.* 30 no. 2 146-152 Mr.-Ap '65.

EARTHS, MEDICAL AND SURGICAL USES OF
 Study of the medical (angiography). N.T. Astakhova-Romanova. *Vop. kur. fizioter. i lech. fiz. kul't.* 30 no. 2 172 Mr.-Ap '65.

EARTHWORK
 Substantiation of waterproofness and stability of an earth dam constructed with heavy clayey soils based on their experimental contraction. N.N. Belashevskii and others. *Gidravlika* no. 2 121-127 '66.

EAST (FAR EAST) see Far East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—SUGAR BEETS
 Problems of the distribution of sugar beets and sunflowers in East Kazakhstan Province. B.S. Turtkin. *Vost. sel'khoz. nauki* [Kazakh] 9 no. 3 21-27 Mr. '66.

EAST KAZAKHSTAN PROVINCE—SUNFLOWERS
 Problems of the distribution of sugar beets and sunflowers in East Kazakhstan Province. B.S. Turtkin. *Vost. sel'khoz. nauki* [Kazakh] 9 no. 3 21-27 Mr. '66.

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

EBULLITION
 Hydraulic resistance during surface boiling under conditions of forced motion of a liquid. A.P. Onat'skii, L.F. Glushchenko. *Teplotekhnika* 13 no. 4 63-68 Ap '66.

EBULLITION
 Mechanism of nucleate boiling. I.G. Shekolad'e. *Sobch. AN Gruz. SSR* 11 no. 2 391-398 F '66.

ECHINOMYCIN
 Early identification of the echinomycin antibiotic group and the systematic position of their producers. T.S. Mal'simova, I.N. Kovsharova, V.V. Proshinskova. *Antibiotiki* 10 no. 4 298-304 Ap '65.

ECHINUM
 Studies of *Cynoglossum officinale* and *Echinum vulgare* and obtaining of standardized preparations from *Cynoglossum*. I.V. Mart'ko. *Farmatsevt. zh.* 19 no. 3 22-26 '61.

ECLIPSES, SOLAR—1966
 Solar eclipse of May 20, 1966. M.M. Dagayev. *Priroda* 55 no. 1 122-124 '66.

ECOLOGY—MATHEMATICAL MODELS
 Statistically probable model of the population dynamics of *Microtus socialis* Pall. D.G. Tskipul'shchik. *Sobch. AN Gruz. SSR* 11 no. 2 285-292 F '66.

ECONOMIC ASSISTANCE, EAST GERMAN see subdivision under Underdeveloped Areas

ECONOMIC ASSISTANCE, WEST GERMAN see subdivision under Ceylon; Underdeveloped Areas

ECONOMIC GEOGRAPHY see Geography, Economic

ECONOMIC HISTORY
 The development of commodity production in the period of the feudalism. H.A. Latsenko. *Ukr. ist. zh.* 10 no. 4 73-81 Ap '66.

ECONOMIC HISTORY
 Moscow. Institut mezhdunarodnykh otnoshenii. [Economics and politics of capitalist countries] *Ekonomika i politika kapitalisticheskikh stran*. Pod red. M.R. Volsmana. Moskva, 1965. 284 p. (Izv. Uchenye zapiski)

ECONOMIC HISTORY
 Offensive on a wide front against monopolies. V. Sergeev. *Kommunist* 43 no. 7 85-95 My '66.

ECONOMIC POLICY
 Fourth All-Union communal test of the completion of plans involving new engineering techniques. S. Kuvshinov. *Zav. lab.* 31 no. 3 637-638 '65.

ECONOMIC POLICY
 New five-year program of the Soviet industry. *Per. plan* 15 no. 4 1-2 Ap '66.

ECONOMIC RESEARCH
 Economic laboratory recommends. A.A. Glukhov. *Vest. vys. shkoly* 24 no. 4 50-51 Ap '66.

ECONOMIC RESEARCH
 Economic reform and economic research. S.U. Oleinik. *Vest. vys. shkoly* 24 no. 4 44-46 Ap '66.

ECONOMIC RESEARCH—CONGRESSES
 Conference in Novosibirsk. *Nauch. dokl. vys. shkoly; ekon. nauki* 9 no. 2 138 '66.

ECONOMICS
 (see also subdivision under Soviet Central Asia, Underdeveloped areas)

ECONOMICS
 Contradictions in socialist economics. V.I. Mal'tsev. *Nauch. dokl. vys. shkoly, fiz. i tekhn. nauki* 9 no. 2 80-87 '66.

ECONOMICS
 Economics should aid the national economy. S. Baishev. *Nar. khoz. Kazakh.* 24 no. 3 17-21 Mr. '66.

Klaskovskii, O.I. [Production of the means of production in the U.S.S.R. (during the period of the creation of the material and technical base of communism)] *Vyrobnystvo zasobov vyrobnyatstva v SSSR (u period stvoreniia material'no-tekhnichnoi bazy kommunizmu)*. Kyiv, Naukova dumka, 1966. 159 p.

ECONOMICS
 Some problems of the origin of the Lenin stage in political economy. I.M. Marchkovskaya. *Uch. zap. kaf. polit. ekon.* no. 6 81-99 '66.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—METHODOLOGY
 Method of conducting a seminar study. M.P. Vorob'eva. *Uch. zap. kaf. polit. ekon.* no. 6 123-126 '65.

Method of giving an introduction to a seminar. A.I. Umashvili. Uch. zap. kaf. polit. ekon. no. 6 114-116 '65.

ECONOMICS—STUDY AND TEACHING
 (see also subdivision under Vladikavkaz Province)

ECONOMICS—STUDY AND TEACHING
 Economics course and the program of the method of higher learning. M.P. Men'shikov. *Vest. vys. shkoly* 24 no. 1 66-67 Ap '66.

ECONOMICS—STUDY AND TEACHING
 Exercises and problems in economics. I.U. Pirogov. *Vest. vys. shkoly* 24 no. 3 71-75 Mr. '66.

ECONOMICS—STUDY AND TEACHING
 Important form of the training of a highly qualified worker and teaching personnel. V.I. Umashvili. *Nauch. dokl. vys. shkoly; ekon. nauki* 9 no. 2 138 '66.

ECONOMICS—STUDY AND TEACHING
 Let's give an all-round classification of the problems of socialist economy. G. Lashchikov. *Vest. vys. shkoly* 24 no. 1 66-67 Ap '66.

ECONOMICS—STUDY AND TEACHING
 On individual consultations. I.I. Tarfayev. *Uch. zap. kaf. polit. ekon.* no. 6 119-123 '66.

ECONOMICS—STUDY AND TEACHING
 Student writes a term paper. S.R. Zuprikov. *Vest. vys. shkoly* 24 no. 4 69-70 Ap '66.

ECONOMICS—STUDY AND TEACHING
 We need specialists on the economic side of the technical sciences. V.G. Chirkov. *Vest. vys. shkoly* 24 no. 1 66-67 Ap '66.

ECONOMICS—STUDY AND TEACHING
 What complicates the economic education in technical institutions of higher learning. T.P. Chirkov. *Vest. vys. shkoly* 24 no. 4 17-21 Ap '66.

ECONOMICS, MATHEMATICAL
 The conception of the economy of analysis. I.I. Tarfayev. *Uch. zap. kaf. polit. ekon.* no. 6 119-123 '66.

ECONOMICS, MATHEMATICAL
 Indices of the dynamics of the gross yield of material production. V. Koshchikov. *Nauch. dokl. vys. shkoly; ekon. nauki* 9 no. 2 138-139 '66.

ECUADOR—POLITICS AND GOVERNMENT
 Republic of Ecuador. Agency. M. Anthonio. *Mezhdunar. zh.* 11 no. 5 117 '66.

EDEN'SUTRIN, VITALII IVANOVICH, 1881-1966
 Scientist and engineer. *Shkola i prosv.* 10 no. 4 1-2 Ap '66.

EDEMA
 Effect of substances with vitamin-B activity on the formation and acute edema of the eye. M. M. Chirkov. *Rudn. zh.* 10 no. 1 15-18 Jan. '66.

EDUCATION
 (see also subdivision under Czechoslovakia, Kirovets, Ukraine; Ukraine)

EDUCATION
 Conference concerning the economics of public education. Z. Abolikhina, P. Zashchikova, M. Plavskiy. *Uch. zap. kaf. polit. ekon.* no. 6 119-123 '66.

EDUCATION
 Firm step of communism. *Shkola i prosv.* 10 no. 4 1-2 Ap '66.

EDUCATION
 In the Central Committee of the CPSU and the Council of Ministers of the U.S.S.R. *Rud. zh.* 10 no. 1 15-18 Jan. '66.

EDUCATION
 In the Ministry of Education of the R.S.F.S.R. *Rud. zh.* 10 no. 1 15-18 Jan. '66.

EDUCATION
 Vladimir Il'ich and public education. A.V. Umashvili. *Nauch. shkola* 34 no. 4 11-13 Ap '66.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—DICTIONARIES
 Well done! A. Petrov. *Mol. komm.* no. 6 124 Febr. '66.

EDUCATION—PHILOSOPHY
 Theory of pedagogy and the art of teaching. A.I. Tarfayev. *Rud. zh.* 10 no. 4 28-30 Ap '66.

EDUCATION, COOPERATIVE
 (see also subdivision under Kirov Province, Ulyanovsk)

EDUCATION, COOPERATIVE
 Elements of history in work classwork. I.K. Kopylov. *Shkola i prosv.* 10 no. 1 26-31 Ap '66.

EDUCATION, COOPERATIVE
 Let's strengthen the contact between the Communist Youth League committees at the enterprise and schools. B.I. Kozlovskiy. *Shkola i prosv.* 10 no. 15 My '66.

EDUCATION, COOPERATIVE
 Let's train them for productive work. A.I. Tarfayev. *Shkola i prosv.* 10 no. 5 16 My '66.

EDUCATION, COOPERATIVE
 Productive work of students. I.M. Shchukov. *Shkola i prosv.* 10 no. 5 27-30 My '66.

EDUCATION, COOPERATIVE
 School factory "Chimika". I.I. Tarfayev. *Shkola i prosv.* 10 no. 5 20 My '66.

EDUCATION, COOPERATIVE
 School principals should give more attention to work training. I.G. Norenko. *Shkola i prosv.* 10 no. 4 2-3 Ap '66.

EDUCATION, COOPERATIVE
 Serial production in a school workshop. K.S. Gerasimov. *Shkola i prosv.* 10 no. 5 60-71 My '66.

EDUCATION, COOPERATIVE
 Students make visual aids. A.S. Kozlov. *Shkola i prosv.* 10 no. 5 64-67 My '66.

EDUCATION, COOPERATIVE
 Technical cultivation of students. N.A. Nikiforov. *Shkola i prosv.* 10 no. 5 43-46 My '66.

EDUCATION, COOPERATIVE (Continued)

- Technical training of upperclassmen. L. M. Zaretskii. *Shkola i protiv.* 10 no. 4:7-9 Ap '66.
Vocational training on a technical basis. V. G. Ulinov. *Shkola i protiv.* 10 no. 5:11-14 My '66.

EDUCATION, ELEMENTARY

- Conference on primary grade work. S. Solomchenko. *Rad. shk.* 44 no. 3:101-102 Mr '66.
Education in reading classes. A. V. Kosareva. *Nach. shkola* 34 no. 4:32-33 Ap '66.
Nature and children. E. A. Obraztsov. *Nach. shkola* 34 no. 4:22, 36 Ap '66.
Work training in the explanatory reading and arithmetic classes. M. M. Pospelov. *Rad. shk.* 44 no. 2:50-52 F '66.

EDUCATION, HIGHER

- (see also subdivision under Georgia, Germany, East, Lithuania)
[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U. S. S. R.] *Diad. Min. vys. i sred. spets. obr. SSSR* nos 3-4 Mr-Apr '66.
Development of communism and the institutions of higher learning. *Vest. vys. shkoly* 24 no. 3:3-6 Mr '66.
Hurdles on the path of realistic projects can be eliminated. V. N. Vorob'ev. *Vest. vys. shkoly* 24 no. 3:31-33 Mr '66.
In honor of the 50th anniversary of Soviet government. Chronology of events, Organizing the workers' faculties. *Vest. vys. shkoly* 24 no. 3:79-84 Mr '66.
Let's give attention to general education. N. S. Kozlov. *Vest. vys. shkoly* 24 no. 4:6 Ap '66.
[Manual for students entering institutions of higher learning of the U. S. S. R. in 1966] *Spravochnik dlia postupaushchikh v vyssheye uchebnye zavedeniia SSSR v 1966 g.* Moskva, Vysshaya shkola, 1966. 351 p.
Not outlines, but a detailed and thorough plan. A. P. Lashinov, R. A. Kosenchenko. *Vest. vys. shkoly* 24 no. 4:9-12 Ap '66.
Quality is the main problem. K. Kondrat'ev. *Vest. vys. shkoly* 24 no. 4:3-4 Ap '66.
Scientific creativity of students as an educational factor. V. I. Dodonov. *Vest. vys. shkoly* 24 no. 4:54-57 Ap '66.
Students study according to individual plans. V. A. Zubkov. *Vest. vys. shkoly* 24 no. 3:85-87 Mr '66.
To make higher education more efficient and economical. V. I. Basov. *Vest. vys. shkoly* 24 no. 3:17-21 Mr '66.
"Why do you specialize in this field?" Z. I. Fainburg. *Vest. vys. shkoly* 24 no. 4:38-43 Ap '66.
Young people and their organizations as the reserve forces of the "take-over generation." S. S. Voronitsyn. *Sob. Inst. po izuch. SSSR* no. 3:118-120 '65.

EDUCATION, PRESCHOOL

- Avoid one-sidedness. V. Vedeneva. *Sem'ia i shkola* 21 no. 3:15 Mr '66.
Should we teach children before school? A discussion V. Nikolaenko, V. Ivanushkina, E. Shuvalova. *Sem'ia i shkola* 21 no. 2:19-20 F '66.

EDUCATION OF ADULTS see Adult education

EDUCATION OF CHILDREN

- Childhood must be understood. P. F. Kaplerov. *Sem'ia i shkola* 21 no. 2:17-18 F '66.
From A to Z: About the family, children, education. *Sem'ia i shkola* 21 no. 3:24-25 Mr '66.
Letters on education. N. V. Shelgunov. *Sem'ia i shkola* 21 no. 3:17-18 Mr '66.
Teach me to write verse! V. Levin. *Sem'ia i shkola* 21 no. 2:44-45 F '66.

EDUCATIONAL RESEARCH

- Methodology of educational research. M. K. Honcharov. *Rad. shk.* 44 no. 2:10-17 F '66.

EFFICIENCY, INDUSTRIAL

- (see also subdivision under Novosibirsk, Rostov Province)
The banner of the five-year plan. *Mol. komm.* no. 3:23-35 '66.
Industrial cooperation of the collectives of briquet plants. K. I. Iakovlevich, I. Shilinskii. *Tor. prom.* 43 no. 3:42-43 '66.
The new five-year plan and the effectiveness of industrial production. S. Kheifman. *Komm. Vooruzh. Sil* 47 no. 9:21-23 My '66.
Your and my five-year plan; foreman Trochurov's talk with the workers of his workshop. *Agitator* 33 no. 8:38-40 Ap '66.

EFIMOV, GERONTI VALENTINOVICH, 1906-

- G. P. Efimov's 60th birthday. G. I. A. Smolin. *Vest. LGU* 23 no. 8:161-162 '66.

EGGPLANT—VARIETIES

- Effect of spectral light composition on the development and growth of eggplants of various origin. I. I. Shrestunov. *Vest. Mosk. un. Ser. G Biol. pochv.* 21 no. 1:73-76 Jan '66.

EGGS—PRODUCTION

- Egg production on the Astar State Farm. M. Kh. Pavlushkin. *Uch. zap. Mord. gos. un.* no. 47:111-116 '65.

EGGS—STORAGE

- Treatment of poultry eggshell surface to increase its strength during storage. G. B. Chizhov, R. A. Didenko, I. M. Bikkuleva. *Khol. tekhn.* 13 no. 1:30-41 Ap '66.

EGYPT—FOREIGN RELATIONS—RUSSIA

- Moscow and Cairo. D. Vol'skii. *Nov. vrem.* 23 no. 22:7-8 My '66.

EGYPT—HISTORY

- Semenuva, L. A. [Saladin and the Mamelukes in Egypt] *Salaki ad-din in Mamluki v Egipte* Moskva, Nauka, 1966. 213 p.

EGYPT—POLITICS AND GOVERNMENT

- A battle while on the way. I. U. Bochkarev. *Nov. vrem.* 23 no. 18:3-5 My '66.

EGYPT—SARCOPHAGI

- Fragment of a sarcophagus from Akhmim. I. G. Litvshits. *Epig. Vest.* 17:6-17 '66.

EGYPTIAN LANGUAGE—INSCRIPTIONS

- Fragment of a sarcophagus from Akhmim. I. G. Litvshits. *Epig. Vest.* 17:6-17 '66.

EHRENBURG, IL'IA GRIGOR'EVICH, 1891-

- No, it's not old age! B. Polevol. *Nov. mir* 42 no. 1:274-275 Ja '66.
People, years, life (to be continued). I. Ehrenburg. *Nov. mir*. 41 no. 3:77-120 Mr '65.

EIDLIN, ISAAK IAKOVLEVICH, 1910-1965

- In memory of IsaaK Iakovlevich Eidlin. *Trudy LITTSBP* no. 18:3 '65.

EIGENFUNCTIONS

- Brownian movement in certain symmetrical spaces, and non-negative eigenfunctions of a Laplace-Beltrami operator. D. B. Dynkin. *Izv. AN SSSR, Ser. mat.* 30 no. 2:455-478 '65.
Geometry of geodesics, and the eigenfunctions of the Beltrami-Laplace operator on symmetrical spaces. F. I. Karpelevich. *Trudy Mosk. mat. ob-va* 14:149-165 '65.
Selection of coordinate functions in direct methods for finding eigenvalues and eigenfunctions. D. B. Topoliansky. *Dop. AN URSSR* no. 2:135-138 '66.

EIGENVALUES

- Rate of convergence of certain approximate methods of the Galerkin type in the eigenvalue problem. G. M. Vainikko. *Izv. vys. ucheb. zav. mat.* no. 2:37-45 '66.
Selection of coordinate functions in direct methods for finding eigenvalues and eigenfunctions. D. B. Topoliansky. *Dop. AN URSSR* no. 2:135-138 '66.

EINSTEIN, ALBERT, 1879-1955

- Einstein, Albert. [Collection of scientific works in four volumes. Translated from the English and German] *Sobranie nauchnykh trudov v chetyrekh tomakh*. Pod red. I. E. Tamma, I. A. N. Smorodinskogo, D. G. Kuznetsova. Moskva, Nauka.
Vol. 2. [Studies in relativity theory, 1921-1955] *Raboty po teorii otноситel'nosti, 1921-1955*. 1966. 877 p. (Klassiki nauki)

EKANITE

- Crystal structure of ekanite $\text{Th}(\text{Ca}, \text{Na})_2(\text{Si}_6\text{O}_{20})$. V. I. Moiseeva, N. I. Golovastikov. *Dokl. AN SSSR* 167 no. 5:1131-1134 Ap '66.

ELASTIC PLATES AND SHELLS

- Arbitrary bending of a thin plate with a circular supporting ring. N. P. Fleishman, L. I. Oshchepko. *Prikl. mekh.* 2 no. 4:58-65 '66.
Axisymmetric problem in the theory of elasticity for a transversely isotropic thick plate. V. M. Deev, V. M. Kotod'ko. *Prikl. mekh.* 2 no. 4:60-71 '66.
Bending of a thin plate weakened by a curvilinear hole in compliance with the nonlinear law of elasticity. N. A. Shul'ga. *Prikl. mekh.* 2 no. 4:50-54 '66.
Determining the critical load causing the development of cracks around a curvilinear hole. A. A. Kaminskii. *Fiz.-khim. mekh. mat.* 2 no. 1:32-39 '66.
Determining the length of slip bands in a plate with circular holes. L. L. Libatskii. *Fiz.-khim. mekh. mat.* 2 no. 1:40-44 '66.
Determining the modulus of cohesion of brittle materials by compression testing of disks containing a crack. S. A. L'arema, G. S. Krestin. *Fiz.-khim. mekh. mat.* 2 no. 1:10-20 '66.

- Determining the thermal stresses in an infinite plate at a given temperature on one of the edges. N. N. Karakuzashvili, I. I. Kozubovskaya. *Ukr. mat. zhur.* 18 no. 3:119-124 '66.
Flexures and stresses in plates having the shape of a circular rectangle. S. I. Tulov. *Prikl. mekh.* 2 no. 4:55-67 '66.
Galinov, K. Z., ed. [Nonlinear theory of plates and shells] *Ne lineinaya teoriia plastin i obolochek*. [Kazan'] Izd-vo Kazanskogo univ., 1962. 173 p. diagrams, tables. (RTP)

- Limit equilibrium of a plate weakened by an n-angle hole. V. V. Panastuk, T. V. Bulina. *Fiz.-khim. mekh. mat.* 2 no. 1:15-20 '66.

- Popov, N. N., and B. S. Rastorguev. [Dynamic calculation of suspension elements] *Dinamicheski raschet vislichikh konstruktiv*. Moskva, Stroiizdat, 1966. 82 p.

- Propagation of cracks exiting at the contour of a curvilinear hole in a plate. L. T. Berezinskii. *Fiz.-khim. mekh. mat.* 2 no. 1:21-31 '66.

- Some problems of the calculation for strength of vessels and apparatus from two-layer steels. V. I. Rachkov. *Khim. i neft. mashinost.* no. 4:13-17 Ap '66.

- Theory of transcendental deformations of spherical shells. V. I. Babenko. *Dop. AN URSSR* no. 2:166-168 '66.

ELASTIC PLATES AND SHELLS—BOUNDARY VALUE PROBLEMS

- New approximate method for solving boundary value problems for shallow shells. M. I. Akhund-zade, I. G. Taglov. *Uch. zap. AzShHI* no. 1:149-154 '64.

ELASTIC PLATES AND SHELLS—VIBRATION

- Asymmetric vibrations of a shell partly filled with a fluid. E. T. Grigor'ev. *Prikl. mekh.* 2 no. 4:38-49 '66.

ELASTIC RODS AND WIRES

- Behavior and stability of centrally and eccentrically compressed steel rods. S. D. Leites. *Mat. po mct. konstr.* no. 10:10-69 '65.
Buckling of rods under impact. A. S. Vol'mir, I. G. Kildibekov. *Dokl. AN SSSR* 167 no. 4:775-777 Ap '66.
Calculation of dispersion curves for the longitudinal vibrations of an infinite rod. B. A. Kasatkina. *Defektoskopiia* 2 no. 1:3-7 '66.

- Damping of regular waves in rods placed in a liquid. B. A. Kasatkina. *Defektoskopiia* 2 no. 1:8-12 '66.
Investigating ultimate deformations of eccentrically compressed elastoplastic rods. S. D. Leites. *Prikl. mekh.* 2 no. 4:72-77 '66.
Smoothness of a generalized solution of the equation of rod vibration. M. E. Iudovin. *Trudy LITTSBP* no. 18:220-231 '65.

ELASTIC SOLIDS

- Studies on the elastic and plastic impact of solids. P. M. Atabazov. *IU. V. Sidorovskii. Fiz.-tekhn. prob. razrab. pol. iskop.* no. 6:150-153 '65.

ELASTIC WAVES

- Correlation relationship between the density and the propagation velocity of elastic waves for sedimentary rocks. I. N. Mikhaitov. *Prikl. geofiz.* no. 45:119-130 '65.
Studying the process of reflection and refraction of elastic waves in a single fracture. K. D. Klem-Musatov. *Fiz.-tekhn. prob. razrab. pol. iskop.* no. 6:45-57 '65.

ELASTICITY

- Automatized machine for studying the viscoelastic properties of elastic foam plastics. I. U. N. Polnikov. *Zav. lab.* 31 no. 8:767-758 '65.
Mixed problem concerning elastic equilibrium of a circular ring. L. A. Shabanov. *Izv. vys. ucheb. zav. mat.* no. 2:105-110 '66.
Muskhelishvili, N. I. [Some fundamental problems in the mathematical theory of elasticity; principal equations, two-dimensional elasticity theory, torsion, and flexure] *Nekotoryye osnovnye zadachi matematicheskoi teorii uprugosti; osnovnye uravneniia, ploskaia teoriia uprugosti, krucheniie i izgib*. Izd. 5, ispr. i dop. Moskva, Nauka, 1966. 707 p.
Use of piezoelectric transducers in determining the dynamic modulus of longitudinal elasticity in plastics using the resonance method. I. U. F. Leksahev. *Zav. lab.* 31 no. 6:759-760 '65.

ELASTICITY—PROBLEMS, EXERCISES, ETC.

- Rekach, V. G. [Manual on the solution of problems in the theory of elasticity] *Rukovodstvo k resheniiu zadach po teorii uprugosti*. Moskva, Vysshaya shkola, 1966. 226 p.

ELASTOMERS

- Molecular-weight distribution of polydimethylsiloxane elastomers studied by means of turbidimetric titration. V. P. Davydova and others. *Vysokom. soed.* 8 no. 3:436-440 Mr '66.

1590

ELECTRIC EQUIPMENT INDUSTRY—FINANCE see subdivision under Moscow

ELECTRIC EQUIPMENT INDUSTRY—QUALITY CONTROL
to continue the manufacture of faulty equipment. A. Polianskii, Bezop. truda v prom., 7 no. 11 30 N '63.

ELECTRIC EQUIPMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Armenia

ELECTRIC FIELDS

Storage field in a medium with random anisotropic inhomogeneities. I. A. Ryzhov, V. V. Tamokin, Izv. vyz. ucheb. zav., radiofiz. 9 no. 1:205-207 '66.

Anticardiac and bacteriostatic effect of meat treatment with high frequency currents. I. Kornuev, N. Fedosov, E. Regov. Mias. ind. SSSR 37 no. 2:47-49 '66.

Behavior of dielectric liquids in strong inhomogeneous electric fields. I. M. Solodovnikhenko, Elektrotekhnik 2 no. 1:472-479 Ap '66.

Electrical field of the current of the human body surrounded by a conductive medium. A. P. Kiselev, Trudy MIT no. 221:136-147 '66.

Friction of elasticity of an isotropic dielectric in an electrostatic field. I. A. I. Bumk, Fiz., khim. mekh. mat. 3 no. 151-57 '66.

Calculation of the importance of quantization in calculating the surface charge in a strong electric field. A. V. Sachonko, V. A. Titsh, Ukr. fiz. zhur., 11 no. 3:258-264 Mi '66.

Spherical aberration of axially-symmetric imbedded sectorial electric and magnetic fields. P. T. Dybov, V. I. Dymovitch, Fiz. elck. no. 2:11-48 '65.

Transport phenomena in a polar gas. V. D. Borman, D. I. Nikolov, N. I. Nikolov, Zhur. eksp. i teor. fiz. 50 no. 3:821-826 Mr '66.

ELECTRIC FILTERS

Device for the automatic control of the voltage of an electric filter. I. K. Reshkov, V. A. Sedov, T'semunt 12 no. 2:23 Mi-Ap '66.

Initial phase filters with given nonuniformity of attenuation and nonlinearity of the phase characteristics in the passband. I. I. Trefonov, Elektrosvizn' 20 no. 4:8-13 Ap '66.

Multiple-link tuning fork filters. A. K. Losev, Elektrosvizn' 20 no. 3:11-16 Mr '66.

Relationship between the passband and delay time for a class of linear filters. B. N. Dobzhinskii, Radiotekhnika 21 no. 4:10-15 Ap '66.

Schematic of the filter of the control network of an automatic transmission level regulator in telephone and broadcasting channels. B. I. A. Gertsenshtein, N. A. Savina, Elektrosvizn' 20 no. 4:56-63 Ap '66.

Synthesis of matching filters with passive elements. I. F. Beletskii, A. T. Lebedev, Elektrosvizn' 20 no. 3:11-16 Mr '66.

Use of amplitude limiters in a frequency selective system. I. I. Shumilanskii, V. A. Lobodzinskii, Radiotekhnika 21 no. 4:33-39 Ap '66.

ELECTRIC FISHING

Simple electronic fishing rod. I. V. Sverchkov, Radio 2, 3:52-53 Mr '66.

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES

Insulation of radiant heat transfer in the high-temperature vacuum-type OKB-704 electric resistance furnace. U. A. Surinov, V. M. Molotov, Izv. vyz. ucheb. zav., energ. 9 no. 4:70-76 Ap '66.

Metal coating of electrodes for electric arc furnaces. V. Grokov, Lit. proizv. no. 3:40 Mr '66.

ELECTRIC FURNACES—DESIGN AND CONSTRUCTION

Determining the parameters of pilot plant electric furnaces or making ferroalloys. M. Sh. Kals, N. P. Melnikov, tal' 26 no. 4:332-333 Ap '66.

ELECTRIC FUSES

Closed loop networks in 0.38 and 0-10 kv systems with use protection. E. S. Tokhyidov, A. L. Faerman, Elek. sta. 37 no. 2:57-60 F '66.

Use of fuses in high voltage systems. F. A. Likhachev, Elek. sta. 37 no. 2:60-67 F '66.

30 type fuses. A. L. Faerman, Elek. sta. 37 no. 2:10-74 F '66.

ELECTRIC GAS WELL LOGGING see Gas well logging, Electric

ELECTRIC GENERATORS

Use of shaft-driven generator with stabilized voltage and frequency. G. A. Meleshkin, P. I. Zaitsevskii, Inform. sbor. TSNIMF no. 142, Tekh. eksp. mor. flota no. 39:3-14 '65.

Fixed blocks of hydroelectric power stations without generator switches. I. S. Kallinichenko, Elek. sta. 37 no. 2:93 F '66.

Use of the Mathieu equation in the study of the self-excitation of an induction generator. S. K. Bokhan, Izv. AN Arm. SSR Ser. tekhn. nauk 10 no. 1:21-20 '66.

ELECTRIC GENERATORS—DESIGN AND CONSTRUCTION

Basic principles of the analysis of microdynamics in winding generators. G. M. Kaspi Zhak, Avtom. svizn. 19 no. 3:33-39 Mr '66.

Certain special features in the installation and starting of P-50-130 turbines and TVF-60-2 generators. A. S. Khidolov, M. Z. Ilyashstein, Energ. stroit. no. 16:22-28 '61.

ELECTRIC GENERATORS—SAFETY MEASURES

Choice of additional resistance for the circuit of the relay of a differential protection system of an electric generator. I. V. Podgornyi, Izv. vyz. ucheb. zav., energ. 9 no. 4:123-129 Ap '66.

ELECTRIC HEATING

Electric air heater for laboratory use. N. I. Gell'perin, M. K. Dubinin, Zav. lab. 31 no. 5:626 '65.

Heating of elongated objects in roller type electrical contact units. V. P. Kozinets, N. I. U. Talis, Inzh.-fiz. zhur., 10 no. 2:182-187 F '66.

Heating of hollow specimens by direct transmission of an electric current. V. I. Kiselevskii, A. F. Chuprin, Zav. lab. 31 no. 6:740-741 '65.

New properties of some porous conductive systems when used as heating elements with self-regulating temperature. L. I. Lifshits, I. A. Ostralkov, Nauch.-issl. trudy VNIPIK no. 15:100-103 '64.

ELECTRIC INSTRUMENTS

Electrodynamical pickup. M. I. Fainberg, Biol. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 2:21-22 F '66.

ELECTRIC INSULATORS AND INSULATION

Analysis of the concentration and specialization of the electric ceramics industry. L. Tsetukhin, Trudy INKH no. 35:146-161 '65.

Epoxy compounds with increased elasticity. A. K. Vardenburg, L. V. Sushina, L. N. Goncharova, Elektrotekhnik 37 no. 4:53-55 Ap '66.

Insulation of armature packs. L. P. Brenner and others, Elektrotekhnik 37 no. 4:40-41 Ap '66.

Line insulators for areas with severe climatic conditions. B. I. Gaidash and others, Elektrotekhnik 37 no. 4:35-37 Ap '66.

Modernization of drying plants and automation of the drying process. M. L. Dukhovnyi, G. N. Koen, M. A. Oidol, Energ. stroit. no. 16:69-73 '64.

Number of insulators on spans of overhead lines crossing railroad tracks. S. A. Kudrashov, Energ. stroit. 14 no. 4:23 Ap '66.

Possibility of using pegmatites of the "Krasnovskoye" and "Aleksandrovskoye" deposits for the production of high-voltage insulators. V. P. Kramarenko, Elek. i koi. 23 no. 4:33-34 Ap '66.

Study of the wet discharge potentials of a composite wood-porecelain insulation in the presence of internal overvoltage. V. S. Rashkov, Elek. sta. 37 no. 2:42-47 F '66.

ELECTRIC INSULATORS AND INSULATION—TESTING

Devices for complex tests of the insulation of sections. A. E. Skitarov, O. N. Topalov, Elektrotekhnik 37 no. 4:42-45 Ap '66.

Mechanical testing of ST-110 type insulators. A. V. Grishenko, T. P. Musatov, I. F. Soroka, Elek. sta. 37 no. 2:82-83 F '66.

ELECTRIC LAMPS

Cylindrical low-pressure a.c. mercury lamps. I. I. Kondilenko, H. O. Voreblova, I. F. Klassen, Ukr. fiz. zhur., 11 no. 4:439-440 Ap '66.

Unit or group replacement of lamps. I. I. Sokolov, Svetotekhnika 11 no. 3:28-20 Mi '65.

ELECTRIC LAMPS—DESIGN AND CONSTRUCTION

Electric "Zaria" pocket lamp. G. Shchukin, Tekhn. vest. 3 no. 3:21-22 Mr '66.

ELECTRIC LAMPS—QUALITY CONTROL

Economic efficiency of improving the quality of products. E. Kononenko, Trudy INKH no. 35:188-214 '65.

ELECTRIC LAMPS—SAFETY APPLIANCES

Fire-safe lamp. I. V. Shlepnev, Biol. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. tekhn. inform. 19 no. 2:82 F '66.

ELECTRIC LIGHT FIXTURES

Efficient light fixtures for buildings having no windows or skylights. M. Kh. Telf, Svetotekhnika 11 no. 3:25 Mr '65.

Principal problems and objectives in the operation of electric lighting fixtures. G. M. Knorring, Svetotekhnika 11 no. 3:5-10 Mr '65.

ELECTRIC LIGHTING

Calculation of the level of vision functions, using photometric techniques. V. S. Khazanov, Svetotekhnika 11 no. 3:15-19 Mr '65.

Efficient light fixtures for buildings having no windows or skylights. M. Kh. Telf, Svetotekhnika 11 no. 3:25 Mr '65.

Through the pages of foreign magazines, Svetotekhnika 11 no. 3:31 Mr '65.

Work of the light engineering section of the Central Administration of the Scientific and Technological Society of the Power Industry in 1961. M. D. Dadiyov, Svetotekhnika 11 no. 3:23-24 Mi '65.

Work of the light engineering section of the Moscow Scientific and Technological Society of the Power Industry in 1961. G. I. Ashkennazi, Svetotekhnika 11 no. 3:21 Mi '65.

ELECTRIC LIGHTING—PHYSIOLOGICAL EFFECTS

Normalization of the glare of the light fixtures of public buildings according to discomfort. M. M. Epanshnikov, G. N. Undasyanov, Svetotekhnika 11 no. 3:1-4 Mi '65.

ELECTRIC LINES

Generation and evolution of electromagnetic shock waves in transmission lines containing ferroelectrics. I. V. Bogatyrev, Izv. vyz. ucheb. zav., radiofiz. 8 no. 6:111-117 '65.

ELECTRIC LINES—MAINTENANCE AND REPAIR

Registering ammeters for the locating of short circuit points on power transmission lines. M. I. Altsenfeld, P. I. Gorlunov, Elek. sta. 37 no. 2:84-86 F '66.

ELECTRIC LINES—OSCILLATIONS

Effect of dispersion on the character of self-oscillations in a nonlinear active line. M. I. Rabinovich, Izv. vyz. ucheb. zav., radiofiz. 9 no. 1:173-181 '66.

ELECTRIC LINES—OVERHEAD

Ice and wind loads on wires. N. Tovmastian, Prom. Airm. 9 no. 1:56-57 Ja '66.

Line insulators for areas with severe climatic conditions. B. I. Gaidash and others, Elektrotekhnik 37 no. 4:35-37 Ap '66.

Number of insulators on spans of overhead lines crossing railroad tracks. S. A. Kudrashov, Energ. stroit. 14 no. 4:23 Ap '66.

Optimal number of connections of transverse capacitances along a tuned electric power transmission line. E. P. Gusev, M. P. Iashina, Trudy Sib. nauch.-issl. inst. energ. no. 3:10-17 '65.

Overvoltages during single-phase short circuits in tuned electric power transmission lines. E. P. Koskevich, V. K. Kiselevich, Trudy Sib. nauch.-issl. inst. energ. no. 3:11-17 '65.

Regulation of an optimal voltage drop in lines with wave length greater than 180°. V. K. Voronin, T. P. Gusev, Trudy Sib. nauch.-issl. inst. energ. no. 3:48-52 '65.

Selection of an optimal network for the compensation (tuning) of a line approaching 1500 km. in length. O. V. Oshchevskii, Trudy Sib. nauch.-issl. inst. energ. no. 3:31-39 '65.

Special aspects of planning work organization in erecting transmission lines in the mountains. L. D. Anatani, A. S. Gogvadze, Energ. stroit. no. 16:51-55 '64.

ELECTRIC LINES—POLES AND TOWERS

(see also subdivision under United States)

Replacement of double crossarms on 110 kv. anchor poles. V. M. Popov, Elek. sta. 37 no. 2:83-84 F '66.

Special characteristics of the construction and erection of supports in the mountains. P. M. Tavazze, Energ. stroit. no. 16:53-58 '64.

Study of the wet discharge potentials of a composite wood-porecelain insulation in the presence of internal overvoltage. V. S. Rashkov, Elek. sta. 37 no. 2:12-47 F '66.

Testing screw piles. F. M. Zekser, Energ. stroit. no. 16:58-61 '64.

ELECTRIC LINES—PROTECTION

Type RA-74/2 asymmetric. V. F. Sergeev, Elek. i teple. tizna 10 no. 2:18-10 F '66.

ELECTRIC LINES—TESTING

Locating single-phase short circuits to ground. A. A. Grikmanis, I. A. K. Rozenkrons, Elek. sta. 36 no. 7:82-85 Ji '65.

ELECTRIC LINES—UNDERGROUND

Induction-type and acoustical KIAT-64-UEChM cable detector. A. A. Krachenko, V. N. Polotpenko, Prom. energ. 21 no. 4:17-20 Ap '66.

Planning and laying of a long-distance communication cable on the Abkhaz-Tsahet railroad line. E. P. Alekseev, I. N. Stetskaya, Avtom. telemek. i svyaz' 10 no. 3:3-5 Mr '66.

Protection of underground metal structures from corrosion. V. P. Ragozin, Avtom. telemek. i svyaz' 10 no. 3:43-44 Mr '66.

ELECTRIC LOCOMOTIVES

(see also subdivision under Novocherkassk)

Commulation of traction engines of mine electric locomotives with pulsating voltage feeding. M. V. Gokhlov, M. I. Probrashenskii, Izv. vyz. ucheb. zav.; gor. zhur. 9 no. 2:112-116 '66.

ELECTRIC LOCOMOTIVES (Continued)

Melikhov, L. V. [Assistant engineer of an electric locomotive on a wide-gauge strip mine railroad] Pomoshchnik mashinisty elektromotora shirokoi dolei na karkashsk. Mo-Pa, Kudi, 1965. 32 p

ELECTRIC LOCOMOTIVES—BATTERIES

Practical method of determining lithium in alkali electrolytes. V. I. Fomel'yanov, A. A. Matveeva. Elektr. i topl. tiz. 10 no. 10-11 F '66

ELECTRIC LOCOMOTIVES—DESIGN AND CONSTRUCTION

Industrial design of electric locomotives. B. F. Kuznetsov, V. I. Kozlov. Zhel. doi transp. 48 no. 4 18-50 F '66

ELECTRIC LOCOMOTIVES—ELECTRIC EQUIPMENT

Cause of the short circuit in electric heaters. V. P. Chertok. Elektr. i topl. tiz. 10 no. 2 37 F '66
Electric network of VL22^m and VL23 electric locomotives operating on four motors. I. D. Maku. Elektr. i topl. tiz. 10 no. 2 14-15 F '66

External overvoltages in the winding of an electric locomotive transformer. V. M. Lupkin. Elektr. i topl. tiz. 37 no. 4 18-18 F '66

Operation and repair of group switches on Ch52 electric locomotives. L. I. Vstavskii, M. F. Kuzenko. Elektr. i topl. tiz. 9 no. 9 14-19 F '65

Practical recommendations for the operation of static charge units. I. U. Fedukov, V. G. Shumskii. Elektr. i topl. tiz. 10 no. 2 32-34 F '66

Purpose of the blocking contacts of electric apparatus of series VL9 d.c. locomotives. Elektr. i topl. tiz. 9 no. 9 supplement 23 F '65

Rapid method of testing the circuit of 200 contacts. A. N. Voronov. Elektr. i topl. tiz. 9 no. 9 20-21 F '65

Some defects of EKG 60/20 circuits. E. N. Kiochkin. Elektr. i topl. tiz. 10 no. 2 35-36 F '66

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR

Continuous line for the repair of the bodywork of electric locomotives. V. E. Putimov, V. D. Zuzukin. Elektr. i topl. tiz. 10 no. 2 12-13 F '66

A new method of assembling single-wheel axles of mine electric locomotives. G. I. Andreev, V. F. Samoilkin, I. I. Shal'ko. Izv. vys. ucheb. zav. gor. zhur. 9 no. 2: 88-91 F '66

Technical inspection points and the utilization of electric locomotives. V. I. Baulin. Zhel. doi transp. 48 no. 1, 47-48 Ap '66

ELECTRIC LOCOMOTIVES—TRANSMISSION DEVICES

Optimum gear ratio of the transmission of mine electric locomotives. V. G. Shorin, A. D. Boyarditskii. Izv. vys. ucheb. zav. gor. zhur. 9 no. 2 92-95 F '66

ELECTRIC MACHINERY

Insulation of armature packs. L. P. Brener and others. Elektr. i topl. tiz. 37 no. 4 40-41 Ap '66

Special features of the commutation of collector-type electric machines with moving magnetic flux axis. A. E. Zorokhovich. Trudy MIT no. 221:64-75 F '66

ELECTRIC MACHINERY—ALTERNATING CURRENT

Determination of optimal boundaries of the range of change of the angular velocity of a brushless machine with double feed. P. A. Kaban. Izv. AN Arm. SSR Ser. lekh. nauk. 19 no. 1 16-23 F '66

Losses and efficiency of a brushless a.c. machine with variable angular velocity. P. A. Kaban. Izv. vys. ucheb. zav., energ. 9 no. 4:107-110 Ap '66

ELECTRIC MACHINERY—DIRECT CURRENT

Electromechanical time constant of d.c. machines. A. A. Khavin. Elektr. i topl. tiz. 37 no. 4 18-21 Ap '66

ELECTRIC MACHINERY—LUBRICATION

Synthetic lubricant for electrical machinery. G. I. A. Entin. Nefteper. i neftekhim. no. 4 27-30 F '66

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

(See also subdivision under Allat Territory)
Resources for the reduction of repair costs of electric equipment. V. A. Kobas. Mashinostroitel' no. 4 41 Ap '66

ELECTRIC MACHINERY, SYNCHRONOUS

Differential equations of the e.m.f. of a synchronous machine with damper windings. D. E. Trofimenko. Izv. vys. ucheb. zav.; energ. 9 no. 4:1-6 Ap '66

Equivalent representation of a group of similar-type synchronous machines in the calculations of self-excitation. M. A. Tagirov. Trudy Sib. nauch.-issl. inst. energ. no. 3:132-136 F '65

ELECTRIC MACHINERY, SYNCHRONOUS—WINDINGS

Thermal design of the rotor winding of a hydraulic turbine-generator unit. E. I. Gurevich. Elektr. i topl. tiz. 37 no. 4 10-14 Ap '66

ELECTRIC MACHINERY INDUSTRY

Gogeshidze, G. A. [Automation of some technological processes in the manufacture of electric machines] Avtomatizatsiya nekotorykh tekhnologicheskikh protsessov proizvodstva elekticheskikh mashin. Tbilisi, Gos. izd-vo "Tsboda" no. 4 11-11 Ap '66

[MICROFILM]

ELECTRIC MACHINERY INDUSTRY—QUALITY CONTROL

Technology of the manufacture of equipment, a factor of utmost importance in the increase of its reliability and life. I. R. Kralin, L. P. Turov. Teploenergetika 13 no. 2 3-6 Ap '66

ELECTRIC MEASUREMENTS

Adjustment of measuring networks with carrier frequency to high-speed response. S. B. Dantlov. Trudy MIT no. 221 98-101 F '66

Carrying capacity of instruments measuring acyclicly developing balance. V. I. Rabinovich. Trudy inst. avtom. i elektrometr. SO AN SSSR no. 11 3-10 F '64

Determination of estimates for coefficients of linear functional dependences by minimizing the sum of deviation modules. P. E. Tsvetkovskii. Trudy inst. avtom. i elektrometr. SO AN SSSR no. 11:32-37 F '64

Device for measuring electric resistance of thin oil films. V. S. Pokko. Vest. KhPI no. 1 55-59 F '65

Informational evaluation of a random shift of the scales of measuring instruments. V. I. Rabinovich. Trudy inst. avtom. i elektrometr. SO AN SSSR no. 11:22 F '64

Informational evaluation of the error of a measurement result due to inaccurate time fix. V. M. Lefimov. Trudy inst. avtom. i elektrometr. SO AN SSSR no. 11:31 F '64

Preparation of an instrument for the reading of dynamic characteristics of thermal power engineering equipment. M. M. Chukvinskii. Elektr. i topl. tiz. 37 no. 2 76-78 F '66

Some errors of measurements made with an electron oscillograph. N. D. Kalinenkov. Trudy Asht. inst. AN Kazakh. SSR 7 101-108 F '66

Studying the work of the experimental models of the VM-3 electric moisture meter for determining the moisture of flour. S. S. Savitsov and others. Trudy VNIIZ no. 51 61-70 F '61

Synthesis of a measuring system for the extrapolation of a random uniform field. A. G. Sotin. Trudy inst. avtom. i elektrometr. SO AN SSSR no. 11 23-31 F '64

Universal device for measuring nonelectrical values. V. Karalis. Radio no. 3 50-51 Mr '66

Use of a probe with electron-beam indicator in measuring the potential distribution in an unsplit-anode magnetron in the static regime. L. M. Greshkov. Izv. vys. ucheb. zav., radiofiz. 9 no. 1:167-172 F '66

ELECTRIC METAL CUTTING

All and contact-initiated discharge finishing of rolled product surfaces. A. I. Sychev. Blat. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. tekhn. inform. 19 no. 2 46-47 F '66

Gas-electric cutting of aluminum alloys in a mixture of argon with ammonia. A. A. Pilypenko, V. A. Gubenko, E. A. Likhodod. Svar. protzv. no. 2:31-33 F '66

Plasma cutting by cutter with an air-water stabilization of the arc. V. P. Norekov, N. I. Spichenok. Svar. protzv. no. 2:29-31 F '66

ELECTRIC MOTORS

Experience in the operation of electric motors in the Gorky Automobile Factory. N. F. Pshenichnyi. Elektr. i topl. tiz. 37 no. 4 56-58 Ap '66

ELECTRIC MOTORS—CURRENT SUPPLY

Germanium rectifiers for the power supply of switch drives. V. V. Fominskii, E. P. Kozlov. Elektr. i topl. tiz. 37 no. 2 80-81 F '66

ELECTRIC MOTORS—QUALITY CONTROL

Economic efficiency of improving the quality of products. E. Kononenko. Trudy INKh no. 35 198-214 F '65

ELECTRIC MOTORS—SPECIFICATIONS

Determination of the power rating and voltage of an electric motor in the absence of a rating plate. S. A. Mandrykin. Energetik 14 no. 4 27-28 Ap '66

ELECTRIC MOTORS, INDUCTION

Analytical determination of the parameters of an asynchronous motor taking into consideration the nonlinearity of dispersion flow. M. M. Fomichev. Trudy VNIIZ no. 53 35-43 F '64

Electric rotor, a new system of an asynchronous drive in drilling. A. A. Mezhlumov. Neftekh. 43 no. 7: 15-18 Ji '65

Methods of starting squirrel-cage induction motors using generators of commensurable power. N. A. Kuznetsov. Sudostroenie 30 no. 4:30-32 Ap '64

ELECTRIC MOTORS, INDUCTION—COOLING

Selecting the cooling system for shielded asynchronous electric motors. R. V. Tarasov. Trudy NIKHIMMASH no. 45 117-121 F '64

ELECTRIC MOTORS, INDUCTION—WINDINGS

Increasing the reliability of the windings of induction motors in the design phase. O. D. Gol'dberg, F. K. Makarov. Elektr. i topl. tiz. 37 no. 4 7-10 Ap '66

ELECTRIC NETWORKS

Buzam, A. B. [How to read relay protection and electric automatic control networks] Kak chitat' skhemy i tekhn. zashchity i elektrovotomatiki. Moskva, Energiya, 1966. 85 p. (Biblioteka elektromontera, no. 166)

Calculation of the operation of uniform municipal power networks using an analytical method for solving the equations of node potentials. V. I. Kh. Pichik, I. I. Gornik. Izv. vys. ucheb. zav., energ. 9 no. 4:11-19 Ap '66

Calculation of transient processes in linear electrical networks using a method based on the expansion of the operator function of a simple function. L. V. Kh. Pichik. Izv. vys. ucheb. zav., energ. 9 no. 4:11-19 Ap '66

Determination of the form of oscillations in nonlinear electrical networks. A. F. Kananukhov, A. P. Milutin. Trudy MIT no. 221 4-17 F '66

Locating a damaged connecting line in the presence of short circuits to ground in cable networks. V. M. Fokas. Elektr. i topl. tiz. 37 no. 2 60-61 F '66

Methods for constructing networks from majority elements. V. I. Vashayevskii, I. A. Roznolomov. Izv. AN SSSR Tekhn. khim. no. 3 76-81 My-Je '65

Methods for the realization of gyrators. D. A. Tsvetkov. Elektr. i topl. tiz. 37 no. 1 11-18 Ap '66

Semiapplied method for determining the current of a line feeding a rectifier system taking into account network capacitance. I. U. Chuvorin. Trudy MIT no. 221 122-130 F '66

Use of amplitude limiters in a frequency selective system. I. I. Shumilanskii, V. A. Pribudnikov. Radiotekhnika i elektronika 10 no. 4 33-39 Ap '66

Use of electrical analogies in the study of wave processes during shock loads. S. B. Dantlov. Trudy MIT no. 221 30-36 F '66

ELECTRIC OIL WELL DRILLING

Electric

ELECTRIC OIL WELL LOGGING

Electric

ELECTRIC OSCILLATORS

See Oscillators, Electric

ELECTRIC POWER

(See also subdivision under Karaganda Province; Kazakhstan; Kuybyshev Province)

[Electric power production and utilization in foreign countries; supplement to the periodical "Elektricheskii stantsii"] Energetik, za rub., no. 1 Ja-F '65

ELECTRIC POWER DISTRIBUTION

(See also subdivision under Armenia)

Aperiodic stability of a complex system. T. B. Zaslavskii. Trudy Sib. nauch.-issl. inst. energ. no. 4 12-18 F '65

Automatic excitation regulation of generators in two half-wave power transmission lines. A. T. Butikov. Trudy Sib. nauch.-issl. inst. energ. no. 3:75-80 F '65

Balance of reactive power in a tuned electric power transmission line with intermediate power takeoff. A. I. Butikov. Trudy Sib. nauch.-issl. inst. energ. no. 3:53-58 F '65

Calculation of nonbalance current of the transformer of differential protection systems. A. A. Vokresenskii. Elektr. i topl. tiz. 37 no. 2 61-65 Ji '66

Calculation of the operation of uniform municipal power networks using an analytical method for solving the equations of node potentials. V. I. Kh. Pichik, I. I. Gornik. Izv. vys. ucheb. zav., energ. 9 no. 4:11-19 Ap '66

Composite remote control system. K. G. Mitushkin. Elektr. i topl. tiz. 37 no. 2 53-58 F '66

Conditions of the parallel operation of tuned electric power transmission lines and ordinary a.c. power transmission lines. G. S. Yakushev, M. K. Yakushev. Trudy Sib. nauch.-issl. inst. energ. no. 3:104-111 F '65

Differential-phase protection of bus bars. L. I. Sokolikh. Elektr. i topl. tiz. 37 no. 2 47-50 F '66

Differential protection of bus bars of the GRF 6-10 kv. type in large heat and electric power stations. M. K. Viskovskii, G. I. Lit, I. I. N. Gorniy. Elektr. i topl. tiz. 37 no. 2 50-53 Ji '66

Dimensional indices of electric power distribution networks. V. V. Kolganov, L. D. Naumovskii. Elektr. i topl. tiz. 37 no. 2 66-72 Ji '66

Effect of the automatic excitation regulation of a generator operating in a half-wave tuned electric power transmission line on the conditions of resonant step-up. E. S. Lukashov, B. P. Borodin. Trudy Sib. nauch.-issl. inst. energ. no. 3:100-74 F '65

Effect of the automatic regulation of the excitation of a generator on the self-excitation in tuned electric power transmission lines. D. G. Kolotilova. Trudy Sib. nauch.-issl. inst. energ. no. 3:98-100 F '65

ELECTRIC POWER DISTRIBUTION—(Continued)
Equivalent representation of a group of similar-type synchronous machines in the calculations of self-excitation. M. A. Tugunov. Trudy Sib. nauch.-issl. inst. energ. no. 3:132-136 '65.
Forced excitation of generators in the first derivative of voltage in respect to time. V. P. Kleiskii. Elek. sta. 36 no. 7:76-77 JI '65.
Increasing the operational efficiency of the power supply systems of industrial enterprises. N. A. Mel'nikov, L. A. Solov'yeva, V. A. Bogdanov. Prom. energ. 21 no. 1:17-12 Ap '66.
Limitation of internal overvoltages in a tuned electric power transmission line during two-phase short-circuits. B. I. Kovalev. Trudy Sib. nauch.-issl. inst. energ. no. 3:12-13 '65.
Locating a damaged connecting line in the presence of short-circuits to ground in cable networks. V. M. Kuz'min, I. U. G. Nazarov. Elek. sta. 36 no. 7:60-64 JI '65.
Locating single-phase short-circuits to ground. A. A. Gromov, I. A. K. Rozenkova. Elek. sta. 36 no. 7:82-85 JI '65.
Network for disconnecting a separator during a currentless interval. SA Kh. Devlikanov. Elek. sta. 36 no. 7:79-80 JI '65.
Optimal number of connections of transverse capacitances along a tuned electric power transmission line. L. P. Gusev, M. P. Iashina. Trudy Sib. nauch.-issl. inst. energ. no. 3:10-17 '65.
Overvoltages during single-phase short-circuits in tuned electric power transmission lines. I. P. Kiselevich, V. K. Khalevin. Trudy Sib. nauch.-issl. inst. energ. no. 3:11-17 '65.
Post-fault conditions in a two-circuit electric power transmission line. I. P. Kiselevich. Trudy Sib. nauch.-issl. inst. energ. no. 3:59-64 '65.
Potential of the control of circuits in 660 volt networks. I. S. Musarskii. Prom. energ. 21 no. 1:37-39 Ap '66.
Regulation of an optimal voltage drop in lines with wave length greater than 180°. V. K. Voronin, P. P. Gusev. Trudy Sib. nauch.-issl. inst. energ. no. 3:19-52 '65.
Selection of an optimal network for the compensation (tuning) of a line approaching 1500 km in length. O. V. Oshchepkov. Trudy Sib. nauch.-issl. inst. energ. no. 3:31-39 '65.
Special features of the protection system of a tuned electric power transmission line from internal overvoltages. O. V. Oshchepkov. Trudy Sib. nauch.-issl. inst. energ. no. 3:1-10 '65.
Stability of a multiple-unit station with proportional excitation control. T. B. Zaslavskaya. Trudy Sib. nauch.-issl. inst. energ. no. 3:119-131 '65.
Start networks of a half-wave tuned electric power transmission line. A. Kh. Kaluzhnyi. Trudy Sib. nauch.-issl. inst. energ. no. 3:105-107 '65.
Struggle for the economy of electric power; practices at the Dnepropetrovsk Grain Product Combine. V. Rogozin. Muk. -elev. prom. 32 no. 4:19-20 Ap '66.
Study of self-excitation and guarantee of electrodynamic stability in some modes of operation of a tuned electric power transmission line. A. Kh. Kaluzhnyi. Trudy Sib. nauch.-issl. inst. energ. no. 3:99-101 '65.
Study of the quality of transient processes in self-excitation regulation of a generator operating in a half-wave tuned line. V. K. Voronin. Trudy Sib. nauch.-issl. inst. energ. no. 3:81-87 '65.
Study of the static stability of long-distance power transmission lines taking into account transient processes within the line. R. G. Kuz'mov. Trudy Sib. nauch.-issl. inst. energ. no. 3:65-68 '65.
Transformer point groundings. M. R. Nalfo'd. Energetik 11 no. 4:28 Ap '66.
Use of an electrodynamic model in studying the elimination of faults during single-phase short-circuits in a tuned electric power transmission line. V. K. Khalevin. Trudy Sib. nauch.-issl. inst. energ. no. 3:24-30 '65.

ELECTRIC POWER DISTRIBUTION—CONGRESSES

Improvement of the power factor and voltage regulation in industrial electrical networks, lecture conference held in Gorky. Prom. energ. 21 no. 4:57-59 Ap '66.

ELECTRIC POWER DISTRIBUTION—HIGH TENSION

Use of fuses in high voltage systems. F. A. Likhachev. Elek. sta. 37 no. 2:60-67 F '66.

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

Closed loop networks in 0.39 and 6-10 kv systems with fuse protection. E. S. Iokhvidov, A. L. Faerman. Elek. sta. 37 no. 2:37-60 F '66.

Increasing the operational dependability of distance type protection systems. A. N. Vlasov, I. U. B. Shum. Elek. sta. 37 no. 2:88-90 F '66.

Selective protection system in municipal closed loop networks. V. A. Koslov. Elek. sta. 37 no. 2:68-70 F '66.

ELECTRIC POWER DISTRIBUTION—SAFETY REGULATIONS

Leading instructions on overvoltage protection of a.c. systems with 3-500 kv ratings. Elek. sta. 36 no. 7:88-95 JI '65.

Use of rubber gloves. IA M. Bol'sham. Energetik 11 no. 1:28 Ap '66.

ELECTRIC POWER PLANTS

Justification of the usefulness of gaining supplemental capacity in 100-1000 Mw blocks. C. A. Zikov and others. Teploenergetika 13 no. 3:7-12 Mi '66.

Knowing about and knowing how. S. Petrov, D. Chermenev. Tekhn. vooruzh. no. 9:53-59 9 '65.

Low pressure economizers in electric power stations. V. A. Komissarov. Elek. sta. 37 no. 2:75-76 F '66.

Materials for ash and slag conduits. P. M. Kuznetsov. N. S. Dlubakov. Elek. sta. 36 no. 1:26-30 JI '65.

Mechanical cleaning of the pipelines of hydraulic slag removal systems. F. I. Gubitskii, B. M. Pavlov. V. A. Martynov. Elek. sta. 36 no. 7:33-40 JI '65.

Selection of regulating regimes for a series of hydroelectric power stations operating jointly with thermal electric power plants. S. V. Shikherdin. Izv. VNIIG 71:247-252 '64.

Stability of a multiple-unit station with proportional excitation control. I. B. Zaslavskaya. Trudy Sib. nauch.-issl. inst. energ. no. 3:119-131 '65.

Working post of an attending dispatcher. G. A. Nemchinov. Energetik 14 no. 4:23 Ap '66.

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

(see also subdivision under United States)

Introduction of large capacity blocks in the thermal power production system. D. G. Zhimeirin. Teploenergetika 13 no. 3:1-7 Mi '66.

Temporary arrangements for the assembly of a PK-10 boiler with equipment handling from the side of the permanent of the Tom-Tura State Regional Electric Power Station. N. T. Maramzin. Izv. VNIIG 71:21-22 '64.

Use of networks in the administration and control of assembly-line building of structures of the Burshtyn State Regional Electric Power Station. P. P. Vafukof and others. Energetik 14 no. 10:1-10 '61.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Concerning S. E. Shitsman's article entitled "The Obsolescence of the Electric Equipment of Electric Power Stations." L. T. Val'zhn. Elek. sta. 37 no. 2:92-93 F '66.

Economic justification of supplementary capital investments in new machinery. S. E. Shitsman. Elek. sta. 37 no. 2:2-5 F '66.

Electric power stations with AI-20 aircraft gas turbine engines. B. A. Bukacev and others. Elek. sta. 37 no. 2:9-8 F '66.

Engel'-Kron, I. V. [Repair of the equipment of turbine and chemical shops of electric power plants]. Stesari po remontu oborudovaniia lubimnykh i khimicheskikh tekhov. Elek. sta. 37 no. 2:12-13 per. Moskva, Vysshaya shkola, 1966. 205 p.

ELECTRIC POWER PLANTS—FINANCE

Economic justification of supplementary capital investments in new machinery. S. E. Shitsman. Elek. sta. 37 no. 2:2-5 F '66.

ELECTRIC POWER PLANTS—FUEL SUPPLY

(see subdivision under Bulgaria)

ELECTRIC POWER PLANTS—LIGHTING

New norms on lighting in electric power plants and substations. Elek. sta. 36 no. 7:86-87 JI '65.

ELECTRIC POWER PLANTS—LOAD

Study of the pickup of PK-30 angle-pass boiler in a block with a K-160-130 turbine, and the operational reliability at sudden changes of the power load. M. A. Livits and others. Teploenergetika 13 no. 3:19-21 Mi '66.

ELECTRIC POWER PLANTS—PERIODICALS

Conference by mail of the readers of "Elektricheskie stanitsii." Elek. sta. 36 no. 7:87 JI '65.

ELECTRIC POWER PLANTS—WATER SUPPLY

Automatic control of the recirculation of feed pumps. I. P. Lishechinskii. Elek. sta. 36 no. 7:73-74 JI '65.

ELECTRIC POWER SUPPLY TO APPARATUS

All-purpose current-supply unit. G. Bondarev. Prom. Airm. 7 no. 4:42-41 Ap '64.

Dubinskii, L. M. [Power supply units of television receivers]. Blok pitania televizionnykh priemnikov. Izd. 2, stereoizp. Moskva, Svyaz, 1966. 79 p. (Biblioteka "Televizionnyi priemnik," no. 28).

Self-propelled narrow-gauge electric power plant. V. A. Glachev, N. V. Sevelev. Tozf. prom. 45 no. 3:23-24 '66.

ELECTRIC PROSPECTING

(see also subdivision under Donets Basin; Dzhezkazgan region, Kazakhstan)

Coefficient of increasing the resistance of sandy reservoirs. I. G. Guzanova and others. Prikl. geofiz. no. 42:198-202 '65.

Determining the coefficients of the oil and gas saturation and porosity of sandstone based on the results of electric oil well logging. N. D. Gusev. Prikl. geofiz. no. 15:242-248 '65.

Evaluation by the method of resistance of the coefficient of the water saturation of clay reservoirs simulated by low mineralized waters. L. B. Gromov, V. S. Nemman. Prikl. geofiz. no. 12:167-173 '65.

Method for the calculation of the theoretical curves of electric sounding. V. O. Ulyson. Prikl. geofiz. no. 15:107-118 '65.

Preliminary results of the statistical analysis of porosity determination methods based on the S, P, log. I. U. M. Kulev. Trudy VNIIG 16:210-238 '65.

Results of the study of the porosity of limestones in the Yakovleva deposit of the Kuz'sk Magnetic Anomaly using the method of resistance. I. P. Tsvetkovskiy, V. S. Dubovkin. Vop. osush. mest. pol. iskop. no. 190-105 '61.

Theoretical curves of axial-dipole sounding in cross section, with oblique and horizontal-vertical interfaces. G. I. Vedinin, V. N. G. Kuznetsov. Prikl. geofiz. no. 12:109-134 '65.

Theory of the electric prospecting for local inclusions. A. M. Gilyuzman. Izv. vuz. ucheb. zav. geol. i razv. 9 no. 4:111-120 Ap '66.

Using electric prospecting for leveling land and studying the distribution of fresh water. G. N. Naumov. Razved. i okh. nedr. 31 no. 3:55-57 Mi '65.

Veshev, A. V. [Electric profiling using direct and alternating current]. Elektr. op. i shch. na postoiannom i pereimennom toke. Leningrad, Nedra, 1965. 477 p.

ELECTRIC PROSPECTING—EQUIPMENT AND SUPPLIES

Relativity curves of a normal symmetric device. V. P. Zhuravlev, G. P. Vasil'eva. Prikl. geofiz. no. 16:213-220 '65.

ELECTRIC PROTECTION

Protection of p-n-p-n devices from short circuit currents. E. V. Vlasovskiy, I. U. M. Muzhik, I. U. F. Muzhik. Inform. sbor. TSNIMF no. 142. Tekh. eksp. mnt. flota no. 39:22-32 '65.

Relay protection system with intermediate adjustable transformers. V. V. Vladimirov, V. P. Vinokurov. Elek. sta. 36 no. 7:85 JI '65.

ELECTRIC RAILROADS—BRAKES

New structures for the operation of brakes. G. N. Zverev. Elek. i tepl. tuga. 10 no. 2:37-38 1 '66.

ELECTRIC RAILROADS—CURRENT SUPPLY

Effectiveness of bleeder transformers in the protection of short communication lines. I. V. Pavlov. Elektrosvyaz' 20 no. 3:60-66 Mr '66.

Principles of the regulation of voltage boosting devices providing regenerative braking in electric rolling stock. G. A. Aksevin. Trudy MIIT no. 221:131-135 '66.

Zakharovich, S. V. [Transient and steady-state processes in the networks of rectifier-type electric rolling stock]. Perekhodnye i ustoiivivshiesia protsessy v skhemakh elektrodvighnogo sozlava vypryamitel'nogo tipa. Moskva, Nauka, 1966. 238 p.

ELECTRIC RAILROADS—ELECTRIC EQUIPMENT

Increased reliability of sectional switches. L. I. Glachev. Elek. i tepl. tuga. 10 no. 2:27 F '66.

ELECTRIC RAILROADS—MAINTENANCE AND REPAIR

Eliminating some defects on ER1 and ER2 electric trains. P. P. Shubnikov. Elek. i tepl. tuga. 10 no. 9:21-22 S '65.

ELECTRIC RAILROADS—PANTOGRAPH

Substituting polyethylene tubes for rubber hose. B. D. Kuz'mov. Elek. i tepl. tuga. 10 no. 2:22-23 F '66.

ELECTRIC RAILROADS—SUBSTATIONS

Efficient changes in ShRV bays. M. V. Dostatkov, V. V. Gomon. Elek. i tepl. tuga. 10 no. 2:26 F '66.

ELECTRIC RAILWAY MOTORS—COOLING

Analysis of the cooling modes of the electric traction machines of diesel locomotives. V. D. Kuz'mich. Trudy MIIT no. 221:76-80 '66.

ELECTRIC RAILWAY MOTORS—QUALITY CONTROL

Control of the quality of the working surface of a collector. V. S. Isaev. Elektrotehnika. 37 no. 4:58-59 Ap '66.

ELECTRIC RAILWAY MOTORS—TESTING

Device for complex tests of the insulation of sections. A. E. Sklarov, O. N. Topalov. Elektrotehnika. 37 no. 4:42-45 Ap '66.

ELECTRIC RELAYS

Baizam, A. B. [How to read relay protection and electric automatic control networks]. Kak chitat' skhemy rel'eynoi zashchity i elektrodvighatki. Moskva, Energiya, 1966. 86 p. (Biblioteka elektromontera, no. 186).

Change in the network of an RTF-3 type filter relay for negative sequence current. Zh. A. Voloshchenko, I. U. V. Abramov. Elek. sta. 37 no. 2:87-88 F '66.

ELECTROCARDIOGRAPHY (Continued)

- Phonocardiographic norms and their relation with the electrocardiogram of swine in synchronism recording
G. P. Novoshinov. Uch. zap. KVI 92:151-159 '64
- Studying heart biopotentials in cattle during operations on the internal organs. G. P. Novoshinov. Uch. zap. KVI 92:10-21 '64.

ELECTROCHEMICAL ANALYSIS

- All-Union Intercollegiate Scientific Conference on the Determination of Trace Amounts of Elements. G. P. Rudzik. Zav. lab. 31 no. 1:905-906 '65
- Determination of the oxygen-anion ratio in uranium oxides by coulometric analysis at controlled potential. G. G. Koshechev and others. Vest. Mosk. un. Ser. 2 Khim. 21 no. 1:51-56 Ja-F '66.
- Electrochemical study of the possibility of using Sn (II) solutions for the determination of Bi (IV) and Ru (IV). N. I. Stenina, P. K. Agastan, I. S. Lampeke. Vest. Mosk. un. Ser. 2 Khim. 21 no. 1:91-93 Ja-F '66
- More precise formulation of the electrochromic method of sodium phenolate titration. A. P. Razbogaeva, N. G. Naval'skaya. Koks i khim. no. 1:10-11 '66.

ELECTROCHEMISTRY

- Akademika nauk Gruzinskoi SSR, Tiflis. Institut neorganicheskoi khimii i elektrokhemii. [Studies in the field of electrochemistry and radiochemistry] Issledovaniia v oblasti elektrokhemii i radiokhimii. Tbilisi, MITSNEI, 1965. 105 p. [In Russian and Georgian]
- Alternating current bridge for electrochemical investigations. E. V. Budnikskaya and others. Elektrokhemija 2 no. 1:501-505 Ap '66.
- Electrochemical behavior of tellurium in sodium tellurite solutions. V. M. Komandenko, A. L. Rotintan. Zhur. prikl. khim. 39 no. 1:123-131 Ja '66.
- Electrochemical properties of a gallium electrode: system copper - cadmium - gallium. I. G. Vasil'eva, A. I. Zheleva. Elektrokhemija 2 no. 1:433-137 Ap '66
- Mechanism of electrochemical reactions in the system Pb^{2+}/Pb^{0} on a platinum electrode. V. I. Kravtsov, B. V. Simakov. Elektrokhemija 2 no. 4:109-112 Ap '66
- Possibility of using stabilized zirconium dioxide as an electrolyte in studying thermodynamic equilibrium by the electromotive force method. I. U. D. Tret'akov. Izv. AN SSSR. Neorg. mat. 2 no. 3:501-506 Mr '66.
- Role of natural electrochemical processes in the formation of oxidation ores in sulfide deposits. G. B. Sveshnikov. Vest. LGU 18 no. 2:54-61 '63.
- Sorption method for studying interrelationships between the electrochemical structure of proteins and their secondary and tertiary structures. G. V. Samsonov, R. B. Ponomareva, L. P. Shudalova. Biokhimiia 31 no. 1:8-12 Ja-F '66.
- Use of a rotating disk electrode with a ring for studying the kinetics of complex electrochemical reactions. L. N. Nekrasov. Elektrokhemija 2 no. 4:138-143 Ap '66.

ELECTROCHEMISTRY—CONGRESSES

- Interuniversity Conference on Electrochemistry (May 31-June 2, Novosibirsk Polytechnical Institute). Elektrokhemija 2 no. 4:500-511 Ap '66

ELECTRODES

- Accuracy of the direction of electrode along the axis of the butt joint in electric arc apparatus. R. M. Sitnikovskii. Avtom. svar. 18 no. 3:42-45 Ap '66
- Ampereometric titration using permanganate reference electrode. A. A. Uvayntsov, O. A. Sengina. Zav. lab. 31 no. 6:603-606 '65
- Applicability of the method of two electrodes for the determination of the type of polarization. N. S. Fedorova, N. M. Kul'shova. Zhur. fiz. khim. 40 no. 4:832-851 Ap '66.
- Certain characteristics of the behavior of palladium, ruthenium, and palladium-ruthenium electrodes in solutions of organic substances. V. S. Entina, O. A. Potrii, I. V. Shelepin. Elektrokhemija 2 no. 1:457-164 Ap '66
- Hydrogen electrode potential as dependent on the pH of solution under isoelectric conditions. A. N. Frumkin. Elektrokhemija 2 no. 1:397-399 Ap '66.
- Use of a rotating disk electrode with a ring for studying the kinetics of complex electrochemical reactions. L. N. Nekrasov. Elektrokhemija 2 no. 4:438-115 Ap '66.
- Use of the cone electrode for the spectral analysis of powder samples. S. P. Oleksenko, S. O. Kozak. Geol. zhur. 26 no. 1:108-110 '66

ELECTRODES—DRYING

- Portable device for drying electrodes. G. F. Mal'vlenko. Mont. i spets. rab. v stroit. 20 no. 4:27-28 Ap '66.

ELECTRODES, COPPER

- Effect of surface-active agents on the kinetics of anodic dissolution of copper involving chemical polarization. N. I. Gusev, O. A. Ryumtstova. Zhur. fiz. khim. 40 no. 4:849-852 Ap '66
- Potentiostatic study of processes in the powdered copper electrodes in alkaline solutions. V. N. Fierov, V. A. Plukhov. Elektrokhemija 2 no. 4:420-432 Ap '66

ELECTRODES, EFFECT OF TEMPERATURE ON

- Effect of the temperature field in the chamber of a baking furnace on electrode properties. D. I. Atmanskil and others. Tsvet. met. 30 no. 3:52-57 Mr '66.

ELECTRODES, GALLIUM

- Electrochemical properties of a gallium electrode: system copper - cadmium - gallium. I. G. Vasil'eva, A. I. Zheleva. Elektrokhemija 2 no. 4:133-137 Ap '66

ELECTRODES, GLASS

- Coordination state of boron in lithium borate glasses from the results of investigation of their electrode properties. V. S. Bobrov, M. M. Shul'ys, L. P. Kalmykova. Elektrokhemija 2 no. 1:20-25 Ap '66

ELECTRODES, GRAPHITE

- Theory of water on a porous graphite anode in a chloride electrolyte. L. I. Kiselevskii. Elektrokhemija 2 no. 4:101-101 Ap '66

ELECTRODES, LEAD

- Anodic behavior of lead in alkaline solutions. Part I. Measurements at constant density of polarizing current. S. S. Popova, A. V. Fortunatov. Elektrokhemija 2 no. 4:146-150 Ap '66

ELECTRODES, SILVER

- Effect of certain admixtures on the capacitance of a silver electrode. G. V. Mikhailenko, M. F. Sfalozubov. Zhur. prikl. khim. 38 no. 2:420-421 F '65.

ELECTRODES, TELLURIUM

- Electrochemical behavior of tellurium in sodium tellurite solutions. V. M. Komandenko, A. L. Rotintan. Zhur. prikl. khim. 39 no. 1:123-131 Ja '66.

ELECTRODES, ZINC

- Polarization of a solid zinc electrode with respect to a similar liquid reference electrode in fused zinc chloride. N. V. Vlastuk, Ukr. khim. zhur. 32 no. 3:302-303 '66.

ELECTRODIALYSIS

- Experiments in the electrodialysis of mine waters and the diffusion of zinc through a semipermeable membrane. I. U. Bugel'skii. Kora vyvetr. no. 7:142-147 '66.

ELECTRODYNAMICS

- Morovich, E. A. [Methods of relativistic electrodynamics in electrical engineering] Metody relativistskoi elektrodinamiki v elektrotehnika. Moskva, Energiia, 1966. 160 p.

ELECTROENCEPHALOGRAPHY

- Analysis of the neuromuscular mechanism of cortical activation caused by stimuli of various quality. K. M. Kagananov. Blul. eksp. biol. i med. 61 no. 3:3-8 Mr '66.
- Changes in the electroencephalogram during and following the course of carbon dioxide and hydrogen sulfide baths in various functional states. T. I. Afonina. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 1:32-37 '66.
- Changes in the electroencephalogram during orientation and conditioned defense reflexes under the influence of tranquilizers. I. U. V. Buirov. Farm. i toks. 26 no. 4:390-393 Ji-Ap '65.
- Characteristics of focal manifestations on the EEG in advanced gliomas of the brain. T. O. Fallov, A. A. Sokolova. Vop. neirokhir. no. 3:14-18 '65.
- Comparative characteristics of the effect of aminazine and caffeine on the electric activity of the cerebral cortex after its neural isolation. N. S. Burakova, M. M. Khamnashvili. Farm. i toks. 28 no. 4:387-389 Ji-Ap '65.
- Correlation between electroencephalographic and motor components of the conditioned reflex in man. V. F. Konovalov. Nauch. dokl. vyz. shkoly biol. nauk. no. 2:88-73 '66.
- Correlation between the parameters of primary responses of the optic cortex and its corticofugal effects. P. P. Guston, Zhur. vys. nerv. deiat. 16 no. 2:321-327 Mr-Ap '66.
- Correlation of rapid and slow activity in the response of the optic cortex of a rabbit in a wakeful state to a rhythmic light stimulus. V. B. Polianskii. Zhur. vys. nerv. deiat. 16 no. 2:298-302 Mr-Ap '66.
- Discrete sign correlator for the analysis of electroencephalograms. E. I. A. Vellinskii, V. A. Priantshnikov. Zhur. vys. nerv. deiat. 16 no. 2:374-378 Mr-Ap '66.
- Effect of the formation of conditioned defense reflex on local high-amplitude oscillations of the biopotential in the cortex and subcortical formations in rabbits. I. N. Knipisi. Zhur. vys. nerv. deiat. 16 no. 2:193-202 Mr-Ap '66.

- Electrical reactions of the posterior corpus bigeminum in rats under the effect of short sound signals (clicks). I. A. Vartanian, Z. P. Lebedeva, A. M. Maruseva. Blul. eksp. biol. i med. 61 no. 2:3-6 F '66.
- Electroencephalogram of healthy long-lived persons. T. G. Urmancheva, V. A. Khatsanova, G. N. Sichnaya. Zhur. vys. nerv. deiat. 16 no. 2:343-350 Mr-Ap '66.
- Electroencephalographic study of the dynamics of nervous processes in the intervals between rhythmic conditioned responses. I. S. Dobronravova. Zhur. vys. nerv. deiat. 16 no. 2:360-362 Mr-Ap '66.
- Interaction of the cerebral cortex, hypothalamus, and reticular formation in the development of electric response. D. G. Shevchenko. Fiziol. zhur. 52 no. 4:329-336 Ap '66.

- Microelectrode study of the polysensory neurons of the nucleus cuneatus nucleus. T. S. Naumova, N. A. Lastochkina. Zhur. vys. nerv. deiat. 16 no. 2:312-320 Mi-Ap '66.

- Multichannel electroencephalography during surgery on the open heart. V. A. Mal'kovich. Khirurgia 13 no. 4:37-45 Ap '66.
- Organization of protracted (systemic) nervous processes of the brain. N. P. Muirav'eva. Zhur. vys. nerv. deiat. 16 no. 2:209-216 Mi-Ap '66.
- Participation of secondary responses in the formation of rhythmic reaction to light. M. S. Mystobodskii. Zhur. vys. nerv. deiat. 16 no. 2:303-311 Mr-Ap '66.
- Primary responses from various regions of the acoustic zone in narcotized rats. O. T. Dembnovetskii. Fiziol. zhur. [Ukr.] 12 no. 2:177-184 '66.
- Quantitative evaluation of electrocorticogram in rabbits in the study of the effect of physostigmine on thiopental anesthesia. A. Mtskisi. Farm. i toks. 28 no. 2:140-143 Mr-Ap '65.
- Significance of "spontaneous" neuron activity for chain reaction processes. M. N. Livanov, A. N. Lebedev, V. A. Krasavin. Zhur. vys. nerv. deiat. 16 no. 2:282-297 Mi-Ap '66.

- Some characteristics of the electrical reactions, submicroscopic organization, and enzyme activity of the cerebral cortex (optic region) during stimulation of the reticular formation of the brainstem. R. R. Vetyka and others. Fiziol. zhur. [Ukr.] 12 no. 2:166-176 '66.
- Spatial distribution of inactive changes in the electric activity of the human cerebral cortex in health and pathology. T. P. Borisova. Vest. AN SSSR 21 no. 3:21-30 '66.

- Study of evoked potentials in the electrocorticogram of the temporal lobe in man. B. G. Egorov and others. Vop. neirokhir. no. 3:6-13 '65.

- Study of rubro-cortical connections of the somatosensory zones of the brain by methods of terminal degeneration and induced potentials. V. I. Dimolova. Dokl. AN SSSR 167 no. 5:1201-1204 Ap '66.

- Study of "spontaneous" impulse activity of the cortical neurons in rabbits. A. M. Melokhova, G. I. Shul'gina. Zhur. vys. nerv. deiat. 16 no. 2:328-335 Mr-Ap '66.

- Study of the physiological mechanisms of the correlation of the blood supply and functional state of the cerebral cortex. G. I. Medvedevskii, L. S. Nikol'skii. Fiziol. zhur. 52 no. 4:380-386 Ap '66.

- Sugar content of the blood and the state of the bioelectric activity of the brain in children with diabetes. R. V. Shestobina. Probl. endok. i gorm. 12 no. 2:11-17 Mr-Ap '66.

ELECTROENCEPHALOGRAPHY—EQUIPMENT AND SUPPLIES

- Use of IC-6 and IC-7 analog frequency counters for the measurement of the average frequency of EEG. E. I. Votinskii, V. A. Priantshnikov. Blul. eksp. biol. i med. 61 no. 2:11-116 F '66.

ELECTROFORMING

- Surface quality of heat-resistant steels and alloys after electrochemical forming. G. V. Kargin. Vest. mashinostr. 40 no. 4:10-12 Ap '66.

ELECTROKYMNOGRAPHY

- Methods of X-ray kymographic and electrokymographic study of the heart in vitro. A. Sh. Meparishvili. Soob. AN Gruz. SSR 41 no. 3:733-738 Mr '66.

ELECTROLUMINESCENCE

- Aging of electroluminescent ZnS - Cu, Mn film capacitors. F. I. Vargunas, N. L. Dantlova. Izv. AN SSSR. Ser. fiz. 30 no. 4:616-617 Ap '66.
- Comparison of optical and dielectric characteristics of powdered ZnS electroluminescence. F. I. Vargunas, K. Sh. Enikeeva. Izv. AN SSSR. Ser. fiz. 30 no. 4:614-615 Ap '66.
- Designing of electroluminescent indicator devices and image converters. V. A. Kyslov and others. Izv. AN SSSR. Ser. fiz. 30 no. 4:620-627 Ap '66.
- Effect of an electric field on the roentgenoluminescence of the NaCl - Cu phosphor. I. A. Parfianovitch, V. V. Pologrudov, E. N. Karnaukhov. Izv. AN SSSR. Ser. fiz. 30 no. 4:710-721 Ap '66.
- Electroluminescence of large ZnS crystals. I. U. V. Bockhov and others. Izv. AN SSSR. Ser. fiz. 30 no. 4:628-632 Ap '66.
- Electroluminescence of silicon carbide. I. K. Vereshchagin, A. S. Kirtchuk. Izv. AN SSSR. Ser. fiz. 30 no. 4:604-606 Ap '66.
- Electroluminescence of sublimated films. A. G. Goldman and others. Izv. AN SSSR. Ser. fiz. 30 no. 4:593-598 Ap '66.
- Electroluminescence of ZnS - Cu phosphors viewed as a recombination controlled by an electric field. F. I. Kolomoitsev, V. M. Korsun. Izv. AN SSSR. Ser. fiz. 30 no. 4:684-687 Ap '66.
- Electroluminescence. A. V. Kashchenko. Vest. protivovozd. obor. no. 3:86-80 Mr '66.

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ELECTRON MICROSCOPY (Continued)

Photoelectric attachment to a VDK ultramicroscope. V. K. Ershov, G. A. Vinogradov, R. V. Delagin. *Zav. lab.* 22 no. 4:487-488 '66.

Practice in studying some talcose siliceous rocks of the Southern Urals by the replica method under an electron microscope. A. D. Petrowskii, V. A. Shitov. *Lit. i pol. iskop.* no. 2:116-118. *Mi-Ap* '66.

Preparation of aluminum specimens for electron microscope study. M. M. Mikhlin. *Zav. lab.* 31 no. 6:718-719 '65.

ELECTRON PARAMAGNETIC RESONANCE

Apparatus for the thermal stabilization of a specimen in the resonator of an electron paramagnetic resonance spectrometer. A. A. Chistota, G. R. Tsubnikov. *Zav. lab.* 31 no. 6:765-766 '65.

Biochemical nature of the "sulfuric" signal of electron paramagnetic resonance in yeast cells. R. M. Nalbandian, L. A. Shifman. *Biokhimiya* 11 no. 2:359-361 '66.

Calculation of the coefficients of spin-phonon Hamiltonian and the effect of lattice anisotropy on the processes of spin-lattice relaxation of solids. I. V. Alekandrov. *Teor. i eksper. khim.* 2 no. 1:67-78 '66.

Complex compound of copper (II) with homologs of pyridine and their electron paramagnetic resonance spectra. I. V. Miroshnichenko and others. *Zhur. neorg. khim.* 11 no. 2:331-334 '66.

Determination of local structural parameters of an impurity ion with unfilled 3d shell in oxides having spinel and garnet structure. A. N. Men', V. E. Naish. *Zhur. strukt. khim.* 7 no. 1:73-79. *Ja-I* '66.

Effect of the transition of spin density from the paramagnetic complex to cleaving-off ligands. A. I. Rivkind, I. U. V. Iablokov. *Zhur. strukt. khim.* 7 no. 1:30-37. *Ja-F* '66.

Electrical dipole transitions in electron paramagnetic resonance spectra of some diatomic molecules. I. U. V. Gushchenko. *Zhur. fiz. khim.* 10 no. 4:781-783. *Ap* '66.

Electrochemical formation of hydrazyl radicals. I. Masov, A. V. and others. *Teor. i eksper. khim.* 2 no. 1:142-143 '66.

Electron paramagnetic resonance method of studying copper (II) inner-complex compounds with benzene-azo- and phenol derivatives. I. V. Miroshnichenko and others. *Teor. i eksper. khim.* 2 no. 1:131-136 '66.

Electron paramagnetic resonance of Mn^{2+} in molybdates having scheelite structure. M. I. Samoilovich and others. *Zhur. strukt. khim.* 7 no. 1:109-110. *Ja-F* '66.

Electron paramagnetic resonance of Mn^{2+} ions in polycrystalline zinc oxide. N. I. Kuntsevich, A. L. Pozniak, V. V. Sviridov. *Vest. AN SSSR. Ser. khim. nav.* no. 4:41-45 '65.

Electron paramagnetic resonance of Nd^{3+} in $YK(MoO_4)_2$. L. D. Livanova. *Zhur. strukt. khim.* 7 no. 1:108-109. *Ja-F* '66.

Electron paramagnetic resonance of neodymium in scheelite structures. BaMoO₄. A. A. Andipin and others. *Zhur. strukt. khim.* 7 no. 1:110-111. *Ja-F* '66.

Electron paramagnetic resonance spectra of radical-anions with a cyclopentadienyl group. R. R. Kovalenko, S. P. Solodovnikov, O. A. Iurakova. *Izv. AN SSSR. Ser. khim.* no. 4:715-717 '65.

Electron transfer in nitroso compound reactions. V. A. Ginsburg and others. *Dokl. AN SSSR* 187 no. 5:1083-1086. *Ap* '66.

Influence of substituents on the polarographic potentials and electron paramagnetic resonance spectra of aromatic anion radicals. A. I. Bidskii, L. L. Gordienko, L. S. Degtiarev. *Zhur. VKhO* 11 no. 2:195-202 '66.

Kinetics and mechanism of branching chain reactions in the gas phase. A. B. Nalbandian. *Usp. khim.* 35 no. 4:587-618. *Ap* '66.

Mechanism of radical formation in the radiolysis of aromatic compounds in the solid phase. N. I. A. Buben, I. I. Chkheidze. *Zhur. VKhO* 11 no. 2:228-233 '66.

Paramagnetic resonance of Mn^{2+} ions in natural dolomite crystals. L. V. Bershov and others. *Geokhimiya* no. 1:122-123. *Ja* '66.

Recording of the delocalization of spin density from diphenylpicrylhydrazyl to organic molecules. R. Z. Sagdeev, I. U. Molin. *Zhur. strukt. khim.* 7 no. 1:38-41. *Ja-F* '66.

Spin-lattice relaxation of some polymeric radicals of peroxide type at low temperatures. I. V. Aleksandrov, L. I. Dzhalalishvili, G. D. Keiladze. *Teor. i eksper. khim.* 2 no. 1:97-102 '66.

Study of the rotational and translational mobility of particles in the liquid phase by the method of electron paramagnetic resonance. A. L. Buchachenko, L. S. Troitskaya. *Izv. AN SSSR. Ser. khim.* no. 1:602-609 '66.

ELECTRON-TUBE OSCILLATORS—See Oscillators, Electron-tube

ELECTRON TUBES

Analysis of the dispersion equation for a tube with ^{13}M type transverse interaction (case of extended systems). R. A. Dudnik. *Izv. vys. ucheb. zav. i radiofiz.* 8 no. 6:1250-1252 '65.

The novistor. G. M. Krylov. *Vest. protivovozd. obor.* no. 4:66-67. *Ap* '65.

ELECTRON TUBES—SPECTRA

Spectral characteristics of a high-frequency discharge in hollow-cathode tubes. A. I. Boditsova, B. V. I. Vov, V. I. Moiseyev. *Zhur. prikl. spekt.* 1 no. 3:207-212. *Mi* '66.

ELECTRONIC ANALOG COMPUTERS

Approximation of functions using an analog computer. I. U. V. Fridland. *Avtom. i telem.* no. 4:151-151 '66.

Experience in the operation of block-type MNB-1 analog computers. V. I. Novash, M. I. Stetsuk. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 4:101-103. *Ap* '66.

Multichannel connection unit with the regulators of the "Dnepri" computer. O. I. Goroshin, I. U. V. Zhuravskii. *Mekh. i avtom. proizv.* 20 no. 1:22-23. *Ap* '66.

ELECTRONIC APPARATUS AND APPLIANCES

Dynamics of a multivibrator designed by Royer. V. A. Mel'nikova. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 1:189-196 '66.

ELECTRONIC APPARATUS AND APPLIANCES—ABSTRACTS

[Electronics and its applications] Ref. zhur. *Elektronika* nos. 3-4. *Mi-Ap* '66.

ELECTRONIC APPARATUS AND APPLIANCES—PATENTS

Patented in our country. B. I. Rasin, V. A. Uvalov. *Vest. aviaz. 20* no. 2:27-28. *F* '66.

ELECTRONIC CIRCUITS

Borch-Bruevich, A. M. [Radio electronics in experimental physics] *Radioelektronika v eksperimental'noi fizike*. Moskva, Nauka, 1966. 768 p.

Some aspects of the dynamics of a transistor trigger. N. I. Aishel', L. V. Postnikov. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 1:182-188 '66.

ELECTRONIC COMPUTERS

(see also subdivision under Moscow)

Akademiya nauk SSSR, Minsk. Institut tekhnicheskoi kibernetiki. [Computer engineering] *Vychislitel'naya tekhnika*. Pod red. A. M. Oranskogo. Minsk, Nauka i tekhnika, 1965. 316 p.

Asynchronous binary-decimal pulse counter with half-subtracting ferite-diode cells. N. S. Erykov. *Trudy NII Mašina* 1:31-43 '65.

Basic principles underlying the construction of a precision device converting voltage to discrete form. K. Z. Makhmurov. *Trudy TSNIIMF* 8 no. 51:45-51 '63.

Conversion of numbers from a system of residual classes to a positional number system. M. G. Gogoberidze. *Sobch. AN Gruz. SSR* 41 no. 2:107-114. *F* '66.

System of tests for static tests of a composite block for the comparison of two quantities given in a binary code. I. U. S. Pachtar', A. D. Chudakov. *Avtom. i telem.* no. 4:155-161 '66.

With the speed of light. M. Goncharenko. *Voen. znan.* 42 no. 4:36-37. *Ap* '66.

ELECTRONIC COMPUTERS—ABSTRACTS

[Automatic control, remote control, and computer technology] Ref. zhur. *Avtom. i telem. i vychisl. no. 5* *My* '66.

[Journal of abstracts: Cybernetics] Ref. zhur. *Kib. nos. 3-4* *Mi-Ap* '66. *Avtorskii ukazanie* za 1965 g.

ELECTRONIC COMPUTERS—CIRCUITS

Analysis of the transmission of pulse signals in a circuit of uniform shaping stages. V. K. Levin, B. N. Fainzuev. *Radioelektronika* 21 no. 4:56-61. *Ap* '66.

Computer circuit for the determination of carbon content in the bath of an open-hearth furnace. V. P. Tsybal'. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 4:174-178 '66.

Network for the conversion of binary code signals into a current. G. M. Butaev. *Avtom. i telem.* no. 3:146-152 '66.

ELECTRONIC COMPUTERS—EXHIBITIONS

New 1966 models. *Inform. biul. VDNKh* no. 3:6. *Mi* '66.

ELECTRONIC COMPUTERS—MEMORY SYSTEMS

Determining the length of the deductive chain of recirculating memory devices and generators. M. I. A. Bingerin. *Izv. vys. ucheb. zav. i radiofiz.* 8 no. 6:1262-1265 '65.

Ferriite-transistor analog memory unit with destructive reading. V. M. Dmitriev, R. A. Lipman. *Avtom. i telem.* no. 3:105-112 '66.

ELECTRONIC DATA PROCESSING

Comparison of the effectiveness of operational systems. I. U. A. Poltsuk. *NTI* no. 2:14-15 '66.

Graduating students use computers. I. S. Rapoport. *Vest. vys. shkoly* 24 no. 3:35-37. *Mi* '66.

Use of digital electronic computers in reducing polynomials to the canonical form. M. A. Chubarov. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 1:212-213 '66.

ELECTRONIC DATA PROCESSING—APARTMENT HOUSES

Analysis of standard living area by the use of electronic computers. R. Agababian, E. Kikodze, G. Chigogidze. *Arkhit. SSSR* no. 2:38-40 '66.

ELECTRONIC DATA PROCESSING—BUILDING

Use of network graphs in the administration and control of assembly-line building of structures of the Bui skiy State Regional Electric Power Station. P. F. Vainkov and others. *Energ. st. i. no. 46* 3-10 '64.

ELECTRONIC DATA PROCESSING—CHEMICAL ENGINEERING

Determining errors of automatic calculation systems of technical and economic indices. O. V. Golovanov, P. B. Zimin, V. A. Troitskii. *Mekh. i avtom. proizv.* 20 no. 4:43-45. *Ap* '66.

ELECTRONIC DATA PROCESSING—CHEMICAL PLANTS

Digital control computer for the stabilization of the thermal operation of a contact apparatus. K. G. Abramyan and others. *Izv. AN Arm. SSR. Ser. tekhn. nauk.* 19 no. 1:35-42 '66.

ELECTRONIC DATA PROCESSING—CITY PLANNING

Kiev. Nauchno-issledovatel'skii i inzhenernyi institut gradostroitel'stva. [City planning: The use of mathematical methods and electronic computers in city planning] *Gradostroitel'stvo. Primenenie matematicheskikh metodov i elektronno-vychislitel'noi tekhniki v gradostroitel'stve*. Kiev, Budivelnik, 1966. 125 p. (Mezhvedomstvennyi i respublikanskiy nauchno-tekhnicheskii sbornik)

ELECTRONIC DATA PROCESSING—COAL MINES AND MINING

Skogorov, V. A., and O. P. Sustov. [Use of mathematics and electronic computers in economic calculations in the coal industry] *Primenenie matematiki i elektronnoy tekhniki pri ekonomicheskikh raschetakh v ugol'noi promyshlennosti*. Moskva, Nedra, 1965. 201 p.

ELECTRONIC DATA PROCESSING—CONSTRUCTION INDUSTRY—SCHEDULING

Rybal'skii, V. I. [Cybernetics in construction] *Kibernetika v stroitel'nom proizvodstve*. Izd. 2., perer. i dop. Kiev, Budivelnik, 1965. 401 p.

ELECTRONIC DATA PROCESSING—DAMS

Applying a variant method of least squares to the calculation of structures simultaneously with the foundation by means of an electronic digital computer. A. A. Kurankov. *Izv. VNIIG* 74:281-295 '64.

ELECTRONIC DATA PROCESSING—ELASTIC PLATES AND SHELLS

Algorithm for calculating shells of revolution by the method of differentiation. L. A. Rovin, L. B. Ginzbe. *Metod. vych.* no. 3:34-50 '66.

ELECTRONIC DATA PROCESSING—ELECTRIC DRIVING

Damping capacity of the multiple engine drive in a generator-engine system. V. F. Kuznetsov. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 2:126-132 '66.

ELECTRONIC DATA PROCESSING—ELECTRIC MACHINERY

Use of digital computers in the thermal calculations of large electrical machines. V. G. Dan'ko. *Elektrotehnika* 37 no. 4:14-16. *Ap* '66.

ELECTRONIC DATA PROCESSING—ELECTRIC POWER DISTRIBUTION

Interpretive system for the "Saturn" digital computer. B. I. Kovalev, E. N. Kopach. *Trudy Sib. nauch.-issl. inst. onoi. g.* no. 3:114-116 '65.

Modeling of a line with distributed parameters using an analog computer. V. V. Bushuev, E. S. Lukashov. *Trudy Sib. nauch.-issl. inst. onoi. g.* no. 3:137-143 '65.

ELECTRONIC DATA PROCESSING—ELECTRIC POWER PRODUCTION

Use of data processing machines in the control systems of thermal power engineering blocks. G. I. Gil'man, M. D. Trakhtenberg, M. P. Shal'man. *Teploenergetika* 13 no. 3:29-34. *Mi* '66.

ELECTRONIC DATA PROCESSING—ELECTRIC RAILROADS

Isaev, I. P., A. A. Perova, and G. P. Burchak. [Calculation of the structures of electric rolling stock using electronic computers] *Raschet konstruktsii elektropodvizhnogo sostava na vychislitel'nykh mashinakh*. Moskva, Transport, 1966. 253 p.

ELECTRONIC DATA PROCESSING—EXCAVATING MACHINERY

Studying the dynamics of excavator multiconnected electromechanical systems with the use of electronic analog computers. V. P. Lomakin. *Izv. vys. ucheb. zav. i radiofiz.* 9 no. 2:123-125 '66.

Digital unit for automatic correction. I. S. Eremeev and others. Mekh. i avtom. proizv. 20 no. 4:17-18 Ap '68.

Refinement of the Monte-Carlo method of statistical testing for computing rarefied gas flows V. I. Vlasov
Dokl. AN SSSR 167 no 5 1016-1018 Apr '60

Shats, L. I., R. V. Stonovskii, and E. S. Shokh.
[Using electronic digital computers in designing
optimal coaxial transmissions.] *Proektirovaniye
optimal'nykh soobnykh peredach na ETsVM*. Moskva,
Mashinostroyeniye, 1965. 547 p.

Using modern computers in determining undercutting limits for an orthogonal worm gear transmission with any profile I. S. Polshchenko Vest KhPI no 1-151-156 '85.

Conference on using mathematical methods and electronic computers in geology V. A. Baskina, M. A. Favor'skaya
Izv. AN SSSR, Ser. geol. 31 no. 1 156-160 Apr. '60

Criminological examination of like handwritings by means of electronic computers. B. N. Kozinets, R. M. Lantsman, V. I. Akubovich. Dokl AN SSSR 167 no. 5:1008-1011. In 1966.

Some results of operational tests of the PR-27 electronic analog computer. A N Volosevich, Trudy NIIGMP no. 13 131-140 '65.

Using computers in production management, S. V.
Kallnin, Biol. tekh. - ekon. inform. Gos. nauch. - issl.
inst. nauch. i tekh. inform., 19 no 3:54-55 Mr '66.

Vsesoyuznaya konferentsiya po primeneniyu elektronnykh
matematicheskikh mashin v stroitel'noy mekhanike,
mashtabirovaniy i stroitel'nom proizvodstve, 4th Kiev,
1965. (Abstracts of reports at the All-Union Conference
on the Use of Electronic Computers in Structural
Mechanics, Machinery Manufacture, and Construction)

Selection of a long-term memory device for a specialized electronic computer designated for operative management of the shipping fleet. A. N. Kiselev. Trudy TSNIIMF # no. 51-69-81 1983.

ELECTRONIC DATA PROCESSING--NAVIGATION
Automatic processing of information obtained from pulse-type radio navigation systems by the use of electronic digital compute 9 V. I. Zhilin, Trudy TSNIIMF 8 no. 5:19-65 163

Symposium on Nuclear Radio Electronics, A. N. Sinaev,
Atom. energ., 20 no. 4, 314-365 Apr '66.

Question of using data processing computer techniques in ore dressing plants. G. V. Blumkin and others. TSvet, met 39 no 3 20-22. Mr '66.

Elaboration of methods for dividing and correlating diagrams of geophysical well study methods on electronic computers, A.E. Kulinkovich and others, Trudy MINKUGP no. 50, 105-120 1966.

Formulation and solution of problems by means of
of "ANTSVM" computers. V. I. Krut'nikov, G. M.
Kulakov. Put' i prikl. khoz. 10 no. 5-17-19 '66.
Scientific and technological conference. K. A. Chantsev,
L. A. Grigor'ev. Avtom. telemekhanizatsiya 10 no. 3:21
Mr '86

Solving baking problems on calculating machines. B.D. Nikiforov. Zhel.dor transp. 48 no. 4:44-47 Ap '66.

Use of analog computers in determining residual stresses.
M. M. Kohnin, V. M. Proshko, L. S. Sorokin. *Zav. lab.*
32 no. 3:377-378 1966.

Vsesoyuznaya konferentsiya po primeneniyu elektronnykh
mashtabnykh mashin v stroitel'noy mekhanike,
materialostroyeni i stroitel'nom proizvodstve, 4th Kiev,
1965. [Abstracts of reports at the All-Union Conference
on the Use of Electronic Computers in Structural
Mechanics, Machinery Manufacture, and Construction]
Tezisy dokladov. Kiev, Ukrainskoye pravleniye nauchno-
tekhnicheskoy obshchiny stroitel'noy industrii SSSR. 1965. 182 p.

A symposium on the use of calculating methods and devices in the studies devoted to the history of technology. In: I. Levin. Ucheba zhen 10 no 1: 155-156 Apr 1969

Calculation of nonstationary temperature fields in blacks and spheres with the use of data processing machines. E. B. Kaplin and others. *Teploenergetika* 13 no 3 93-97, 1966.

Quality control of thin-walled pipe. A. T. Nikolaenko and others. Defektoskopii 2 no. 1, 24-34 '66.

Using electronic digital computers in calculating the discharge capacity of weirs. A D Petush Gidravlika no 2-44-52 '66

Mechanization of planning calculations in welding V. B. Liberman. *Soyuz. inozh. svy.*, no. 5:25-26 May 1966

Calculation of correlational functions of normal random functions using digital computers. V N Domatskiil
Trudy inst avtom i elektrometr, SO AN SSSR no. 11 56-62
'64.

Construction of optimal measuring systems with digital computers. A. I. Bobikov, Yu. M. Koshunov, V. N. Stepanenko. Avtom. i telemekh. no 4 179-181 '66

Selection of a long-term memory device for a specialized electronic computer designated for operative management of the shipping fleet. A. N. Kiselev. Trudy TSNIIMF B no. 51, 68-81, 1963.

Multichannel electron-beam parameter meter, A. Aitunov and others, Prom Arm, 9 no 1 30-33 Ja '66

Construction of optimal measuring systems with digital computers. A. I. Bobilov, I. M. Korshunov, V. N. Stepanenko. *Avtom. i telemekh.*, no. 4:179-181 '66.

ELECTRONICS

Gubarev, V.S. [Land of the lilliputians, sketches on electronics] Strana liliputov, ocherki ob elektronike. Moskva, Sovetskaya Rossiya, 1965, 197 p.

[Electronics and its applications] Ref. zhuk.: Elek. i ee
prim. nos. 3-4 Mr-Apr '66.

Third Czechoslovak Conference on Electronics and Vacuum Physics Izv. vys. ucheb. zav.; radiotekh. 2 no. 1:160 Ja-F '68.

Electronic amplifier with all-purpose biological applications for external leading-off of biopotentials. L. A. Kurdin. Uch. zap. KVI 93:118-122 '64.

ELECTRONEUROGRAPHY see **Electroencephalography**

Calculation of anisotropic hyperfine interaction in π -electron radicals. G. M. Zhidomirov, P. V. Schastnov. *Dokl. Akad. Nauk SSSR* 236:1033-1035, 1978. 3 refs.

Calculation of the electronic structure of phosquinate complexes of Pt (II). B. P. Kovatskaya Teoret. i eksperi. khim., 2 no. 1105-109 1966

coronene by the methods of modeling free electrons and M. O. (L. C. A. O.). M. A. Kovner, A. A. Tsvetkov
Teoret. i eksper. khim., 2 no. 1, 103-106 '66.

Effective dipole moment of molecules and intermolecular reactions involving π -electrons, A. E. Lutskiĭ, Zhur., *strukt. khim.*, 7, no. 1443-145, 19-57, 166.

Energy transfer of electron excitation to the vibrational degrees of freedom in complex molecules. Part 2
A. A. Ovchinnikov, *Teoret. i eksper. khim.* 2 no. 1-2, 18, 1966.

Interaction of electrons in a metal in connection with a virtual phonon exchange, I. O. Kulik, Fiz met i metalloved 21 no 3 321-325 Mr '66.

Multiplication of electron excitations in ionic crystals.
E. R. Il'mas, Ch. B. Lushchik Izv. AN SSSR. Ser. fiz.
30 no 4:654-660 Ap '66.

Some effects due to electron-phonon interaction during phase transition in a ferroelectric semiconductor.
V. M. Gridkin, Pis't. v red. Zhur. eksper. i teoret. fiz.
3 no. 6 252-255 M., 1966.

X-ray study of the distribution of electron density in titanium carbide. M. P. Arbutov, B. V. Khachenko, Porosh. met., 8 no. 4 74-76 Ap '66.

Activator trapping centers in alkali halide crystals with lead. M. L. Kats, L. I. Golubentseva, K. E. Glunzburg. Izv. AN SSSR, Ser. fiz. 30 no. 4 698-700 Ap '66.

Differential and integral cross sections for electron loss and capture by fast N^+ , Ne^+ , and Ar^+ ions. L.I. Pivovarov, M.T. Novikov, A.S. Dolgov. Zhur. eksp. i teo. fiz. 50 no. 3:537-545 Mr '86.

redistribution of electrons along trapping levels in excited ZnS single crystals due to infrared irradiation. V.A. Gorlunov, V.L. Levshin. Zhur. prikl. spekt., 4 no. 3, 254-256, Mar. 1968.

Investigating the effect of oxidation on the energy of electron emission from metals. L. A. Andreev and others. *Sov. Inst. stail i splav.* no. 41 32-39 '66.
A method of examining the surface of ceramic metal materials. D. A. Draigor, O. D. Knsab, V. A. Danilenko. *Fiz.-khim. mekh. mat.* 2 no. 1184-66 '68.

ELECTRONS—OSCILLATIONS

Steady-state oscillations of an electron cloud in a cylindrical magnetron. Part I. Mechanism of stabilization. V. I. Vigdorchik, V. M. Kontorovich. Izv. vys. ucheb. zav., radiofiz. 9 no. 1 155-166 '65

ELECTRONS—SCATTERING

Scattering of conduction electrons in very thin films. L. V. Jorgensen, Zhur. eksp. i teo. fiz. 50 no. 3 709-716 Mr '68

Separate determination of donor and acceptor concentrations. L. M. Omel'yanovskii, A. A. Melel, V. I. Fishil. Zav. lab. 32 no. 1:448-150 '65

ELECTRONS—SPECTRA

Calculating the electron energy spectrum of a solid body in quantum field theory. A. N. Kuchmentenko, Dop. AN URSSR no. 2:169-174 '66

Electron spectrum in a one-dimensional system with randomly distributed scattering centers. I. U. A. Bychkov, A. M. Dykhne. Pis'ma v red. Zhur. eksp. i teo. fiz. 3 no. 8 313-316 Ap '66

ELECTRO-OSMOSIS

Studying the kinetics of boundary layers of liquid in clayey soils by electro-osmotic method. N. P. Bondarenko, S. V. Nepriin. Sbor. trud. po agron. fiz. no. 11:33-37 '65

Use of direct electrical current for the desalinization of soils. E. I. Afanasov, Sbor. trud. po agron. fiz. no. 11: 74-80 '65

ELECTROPHORESIS

Effect of electrophoresis and baths of Dzhelmuk mineral water on the acetylcholine-cholinesterase system in diseases of the peripheral nervous system. S. A. Mirzolan, R. A. Chilingarian. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 1:20-25 '66

Electrokinetic properties of manganese minerals as affected by illumination within the visible region of the spectrum. I. N. Plakotin, L. G. Mkhedlishvili, R. Sh. Shafarev. Dokl. AN SSSR 167 no. 5:1100-1101 Ap '66

Electrophoretic deposition of polymer suspensions. O. G. Usmanov and others. Koll. zhur. 20 no. 2:280-291 Mr-Apr '66

Electrophoretic study of sarcoplasmic proteins and lipoproteins in the myocardium of chick embryos. D. Khristov, Z. Rashov, S. Khadzhirusev. Ukr. biokhim. zhur. 38 no. 2:142-147 '66

Zona electrophoresis in a floating tray. A. A. Pokrovskii, K. A. Korovin. Biokhimiia 31 no. 1:78-83 Ja-F '66

ELECTROPHYSIOLOGY

Accumulation of potassium ions by synthetic polyelectrolytes and ionic asymmetry of the cell. Z. A. Sokolina, I. U. D. Kholodova. Dokl. AN SSSR 167 no. 1:915-918 Ap '66

Bioclectric control system of man's active movements. L. S. Aleev, S. G. Bunimovich, V. I. Zborovskii. Teo. i prikl. fiz. kul't. 20 no. 4:23-25 Ap '66

Change in electric parameters of the nerve in deep refrigeration. E. V. Burlikova, O. N. Koli's, G. E. Fedorov. Nauch. dokl. vys. shkoly, biol. nauki no. 2:80-82 '66

Changes in the activity of the nerves of the chest and abdomen during respiration under excessive intrapulmonary pressure. V. A. Safonov, G. G. Chernova, M. V. Khron. Fiziol. zhur. 52 no. 4 403-410 Ap '66

Effect of calcium ions on electrotonic changes in the critical level of depolarization and action potential of a single Ranvier's node. B. I. Khodorov, V. I. Beliaev. Biofizika 11 no. 2:288-294 '66

Electric activity of the acoustic hemispherical center in a narcotized pigeon. V. D. Il'ichev. Vest. Mosk. un. Ser. 6: Biol., pochy. 21 no. 1:32-38 Ja-F '66

Electric current in the human body subjected to different forms of potentials. A. P. Kislov. Trudy MIT no. 22:1140-1153 '66

Electric reactions of the mucosa of Pavlov pouch and skin in the digestive process in dogs. A. K. Potshchinskii. Fiziol. zhur. [Ukr.] 10 no. 8:764-770 N-D '61

Electrical field of the current of the human body surrounded by a conductive medium. A. P. Kislov. Trudy MIT no. 22:1136-1147 '66

Electrotonic potential of the posterior spinal root in cats in response to tetanic stimulation. T. M. Mamontov. Fiziol. zhur. [Ukr.] 10 no. 8:757-764 N-D '61

Interrelations of the inspiratory and expiratory electric activity of respiratory neurons in an anaphylactic shock. I. P. Garamina. Uch. zap. KVI 93:123-131 '64

Measurement of the degree of specific electric resistance in a functioning lung in man and dogs. B. I. Mazhukhin. Biol. eksp. biol. i med. 61 no. 2:120-123 F '66

Origin of "epioneurotic" volley impulses in the cardiac branches of the vagosympathetic trunks in frogs. G. E. Samonina. Biol. eksp. biol. i med. 61 no. 2:9-13 F '66

Selection of electrodes for the recording of oxygenation in live tissues. I. P. Borozin, I. M. Epshtin, B. N. Kostovtsov. Fiziol. zhur. 52 no. 4:420-425 Ap '66

Some aspects of the activity of the receptor apparatus. O. B. Il'inskii. Fiziol. zhur. 52 no. 4:360-369 Ap '66

Studying the cytopathogenic action of the foot-and-mouth disease virus on the cellular level and using electrophysiological techniques. N. A. Krylova. Uch. zap. KVI 93:251-255 '64

Use of a digital counter for setting a controlled electrophysiological experiment. M. N. Livanov and others. Biofizika 11 no. 2 206-313 '66

Vvedenskii's postnatal inhibition in muscle fibers of tonic skeletal musculature in frogs. N. M. Shamarina. Fiziol. zhur. 52 no. 4:370-379 Ap '66

ELECTROPHYSIOLOGY OF PLANTS

Electrophysiological method of recording the viability of woody plants. A. M. Sinukhin, I. V. Rutkovskii. Fiziol. rast. 13 no. 2 316-357 Mr-Apr '66

Rapid method of determining the electric conductivity of plant tissues. V. A. Nikitin. Fiziol. rast. 13 no. 2 373-376 Mr-Apr '66

ELECTROPLATING

Classification of electrodeposited metals according to the sign of internal stresses. M. Ia. Popereka. Elektrikhimika 2 no. 1 402-103 Ap '65

Considering the irregularity of electric metal deposition in determining the length of time of deposition for a given thickness. V. P. Melkov. Aviatsion. fiz. no. 2 47-57 '66

Solokhina, V. G. [In aid to the electroplater in printing] V pomoshch' poligrafistu-gai'vanotekhnika Moskva, Kniga, 1966 84 p. (Biblioteka poligrafista)

Structure of copper-tin electroplated alloys. G. K. Burkat and others. Zhur. prikl. khim. 39 no. 3 702-705 Mr '66

ELECTROSTATIC PRECIPITATION

Draft of regulations for the operation of electrical systems of consumers. Electric gas purifying systems. Prom. eneg. 21 no. 4:53-55 Ap '66

ELECTROSTATIC SPRAY PAINTING see Spray painting, Electrostatic

ELECTROSTATICS

Calculation of an electrostatic focusing system and some of its electro-optical characteristics. V. I. Dymovli, A. A. Sysoev. Fiz. elek. no. 2 15-26 '65

ELECTROSTATICS—PHYSIOLOGICAL EFFECT

Action of static electricity on human organism. I. A. Ostrikov, R. T. Vorob'ev. Nauch.-issl. trudy VNIPIK no. 45:103-113 '64

ELECTROSTATICS—SAFETY MEASURES

Device for measuring the magnitude of static electricity charges using a universal transistorized power supply unit. V. N. Shikhov, V. P. Sitnikov. Izv. vys. ucheb. zav., nef't. i gaz. 8 no. 8:83,100 '65

ELECTROTHERAPEUTICS

Electric defibrillation in cardiac fibrillation. V. P. Rudushkevich, N. A. Afanas'ev, T. P. Pozdnyakov. Khirurgiia 47 no. 1:32-37 Ap '66

Plastic bandages for fixing electrodes. V. S. Svarichevskii. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 1:83 '66

Problem of "impulse transmission" used in patients with plaster immobilization of an extremity. Z. M. Ateev. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 1: 70-74 '66

Rheography in migraine patients before and after treatment with dindynamic currents. G. S. Zharikova. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 1:40-53 '66

ELECTROTHERAPEUTICS—EQUIPMENT AND SUPPLIES

New apparatus for treatment with modulated sinusoidal current of increased frequency apparatus "Amplipuls-3". V. G. Iasnogorodskii, M. A. Ravleh. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 1:77-81 '66

ELEMENTARY EDUCATION see Education, Elementary

ELEUTHEROCOCCUS

Effect of Eleutherococcus preparations on the estruation in Muscivora. A. M. Iudin. Sbor. DVTAN SSSR no. 23:10-24 '61

Effect of liquid extract from the roots of Eleutherococcus on the hypophyseal-adrenocortical system. O. I. Kirillov. Sbor. DVTAN SSSR no. 23:3-5 '64

Effect of liquid extract from the roots of Eleutherococcus on the stress reaction. O. I. Kirillov. Sbor. DVTAN SSSR no. 23:7-13 '64

Seed reproduction of Eleutherococcus senticosus Maxim. P. P. Vorob'eva. Bull. Glav. bot. sada no. 60:49-54 '65

Some data on the comparative pharmacological effect of Eleutherococcus leaves and roots. I. A. Kuntsman. Sbor. DVTAN SSSR no. 23:15-18 '64

ELEVATORS, AUTOMATIC—SAFETY APPLIANCES

Freight and passenger elevators for the construction industry. A. I. Kodkin. Bozop. truda v prom. 7 no. 11:22-24 N '63

ELLIPTIC DIFFERENTIAL EQUATIONS see Differential equations, Elliptic

EMBALMING

Embalming in antiquity. G. I. Anokhin. Piroda 55 no. 1 127-128 '66

EMBEZZLEMENT see subdivision under Lithuania

EMBOLISM

Acute thromboses and embolisms of the aorta and the main arteries of the extremities. B. V. Petrovskii and others. Khirurgiia 12 no. 4 3-9 Ap '66

Chazov, E. I. [Thromboses and embolisms in the clinical aspects of internal diseases] Trombozy i embolii v klinike vnut. cnikh boleznei. Moskva, Meditsina, 1966. 202 p. (DNLM)

Embolism of the iliac artery caused by a foreign body. I. U. Rutman, V. A. Khmelevskii, V. A. Kuznetsova. Khirurgiia 42 no. 4 120-121 Ap '66

Goldammer, K. K. [Acute abdomen in thromboses and embolisms of the mesenteric vessels] Ostroly zhivot pri trombozakh i emboliakh blyazhechnykh sosudov. Moskva, Meditsina, 1966. 182 p. (DNLM)

Methodology of surgery in acute arterial embolism. G. L. Rainer. Khirurgiia 12 no. 4 10-12 Ap '66

EMBRYOLOGY

Effect of the degree of differentiation on the growth of the rudiments of the tubular bones of the extremities in mice embryos *in vitro*. E. K. Glaser. Biol. eksp. biol. i med. 61 no. 3 86-88 Mr '66

Mitotic index and the activity of mitotic divisions in early development stages of the chick embryo. A. K. Dondua and others. Biol. eksp. biol. i med. 61 no. 2 81-89 F '66

Study of the dynamics of cellular reproduction in the differentiation of the connective tissue of the skin in white rat embryos. B. A. Rotev. Biol. eksp. biol. i med. 61 no. 3 99-101 Mr '66

Visceral analysis in the early stages of ontogeny. N. A. Motseva. Vop. svyaz. fiziol. anal. no. 2:128-145 '66

EMBRYOLOGY—AMPHIBIA

Induction of an iris anlage by the crystalline lens in a tetra geneantic in *Ambystoma*. N. V. Dubaglan, O. G. Sitova, I. L. Shcherbelya. Dokl. AN SSSR 167 no. 1:933-935 Ap '66

Prosopocula visceral clefts and their role in the formation of the mouth in *Caulata*. E. D. Regel. Zool. zhur. 15 no. 2:237-241 '66

EMBRYOLOGY—BIRDS

Purification and catalytic properties of cysteine lyase from the snail of chick embryos. E. A. Tolosa, E. V. Gortachenkova. Biokhimiia 31 no. 1:98-107 Ja-F '66

EMBRYOLOGY—POULTRY

Electrophoretic study of sarcoplasmic proteins and lipoproteins in the myocardium of chick embryos. D. Khristov, Z. Rashov, S. Khadzhirusev. Ukr. biokhim. zhur. 38 no. 2:142-147 '66

Role of cellular components in virus synthesis. N. A. Ugolova, S. R. Tkachenko, A. D. Nosacheva. Vop. virus. 11 no. 1:31-31 Ja-F '66

EMERGENCY MEDICAL SERVICES see subdivision under Volgograd

EMPLOYEES, DISMISSAL OF

Release from work. V. Nikitinskii. Sov. profsoliary 22 no. 8:47-45 Ap '66

EMPLOYEES, REINSTATEMENT OF

Examination of disputes concerning the reinstatement of discharged teachers to their former positions. R. Dlatlov. Rad. pravo 20 no. 4:36-39 Ap '66

EMPLOYEES, TRAINING OF

From the experience of a school of working youth. M. Tishai. Tekh. ost. 3 no. 2:30 F '66

Knowledge helps in work. V. M. Komov. Put' i put. khoz. 10 no. 4:22-23 '66

EMPLOYEES, TRANSFER OF

Rulings of the Court Collegium on Civil Matters of the Supreme Court of the U.S.S.R. Biol. Verkh. Suda no. 3:33-34 '65

EMPLOYEES' BUILDINGS AND FACILITIES

Comrade director. A. Vladimirov. Sov. profsoliary 22 no. 7:18-20 Ap '66

EMPLOYEES' INVENTIONS see Inventions, Employees'

EMPLOYMENT (ECONOMIC THEORY)

Efficient distribution of industry and problems of the employment of the population. V. Anikeev, V. Markov. Sots. trud. 11 no. 4:78-88 Ap '66

EMULSIFYING AGENTS

Polyvinyl alcohol as stabilizer of highly concentrated emulsions of organosilicon fluids. V. N. Tabunchenko, I. A. Kreinkev. Plast. massy no. 4 34-36 '66

EPOXY COMPOUNDS (Continued)

Reaction of hydroxyl radicals with substituted 1,2-epoxides. G. A. Razuvaev, V. S. Litvin, I. P. Morozova. Zhur. org. khim. 2 no. 2 276-278 F '66.

Synthesis of unsaturated silicon-containing epoxide compounds. S. I. Sadykh-zade, R. B. Babaeva, A. Sallimov, Zhur. ob. khim. 36 no. 4 895-897 Ap '66.

EPOXY RESINS

Determining the optimum thickness of epoxy and organosilicon coatings. I. A. Vlasova, N. V. Bina, I. A. Kozlovskiy, mat. i khim. prom. no. 2 51 '66.

Effect of temperature on the conductivity of metal filled epoxy resin films. V. F. Gub' and others. Plast. massy no. 4 43-46 '68.

Epoxy compounds with increased elasticity. A. K. Vardenburg, L. V. Surina, L. N. Goncharova. Elektro-tekhnika 37 no. 1:53-55 Ap '66.

Epoxy resins based on substituted phenols with vinyl acetylene structure. O. K. Gosteva and others. Plast. massy no. 1:8-9 '66.

Hardening of epoxy resins with tertiary amines. M. P. Sorokin, L. G. Shoda, L. A. Pokuhan, mat. i khim. prom. no. 2:1-5 '66.

Isolation of depth electrodes with epoxy resins. A. J. Bundons, Fiziol. zhur. 52 no. 4:436-438 Ap '66.

Resistance of epoxy adhesives to thermal aging. A. S. Fieldin, L. R. Oliva, Plast. massy no. 4 37-38 '66.

EPOXY RESINS—ELECTRIC PROPERTIES

Electric properties of epoxy resins with various molecular weights. S. N. Antonov and others. Plast. massy no. 4:38-40 '66.

EPOXY RESINS—OPTICAL PROPERTIES

Improving the reflective power of metal plates in research using the method of multi bands. B. N. Ushakov, T. A. Chetnyshova, Zav. lab. 12 no. 3:375-376 '66.

ERBIUM ISOTOPES

Total cross section of the isotope Er¹⁶² for slow neutrons. M. I. Vlasov and others. Usp. fiz. zhur. 11 no. 3 210-211 M '66.

ERGOCALCIFEROL

Effect of vitamin D₂ on the adenosinetriphosphatase activity of the muscle tissue. L. A. Diagonova and others. Vop. pit. 25 no. 1 24-29 Ja-F '66.

ERIOCHROME BLACK

Polarographic determination of magnesium in duralumin by means of eriochrome black T. I. E. M. Skobots', L. M. Ivashchenko, Dop. AN URSR no. 3:370-372 '66.

ERIONITE

Conditions of preparation and properties of synthetic erionite and some other high-silica zeolites. S. P. Zhdanov, B. G. Novikov. Vestn. AN BSSR, Ser. Khim. nav. no. 1:14-58 '66.

Conditions of synthesis and properties of acid-resistant erionite. L. I. Tigunova and others. Vestn. AN BSSR, Ser. Khim. nav. no. 1:59-64 '66.

Preparation of synthetic erionite and some of its properties. V. I. A. N. Polina, I. I. Knysh, N. A. Sokolova, Vestn. AN BSSR, Ser. Khim. nav. no. 1:55-69 '66.

ERIVAN—CABLES—TECHNOLOGICAL INNOVATIONS

Primary organization of the Scientific and Technological Society in the fight for technical progress. Sh. Kharatyan, N. Bulavanko. Prom. Arm. 7 no. 1 63-65 Ap '64.

ERIVAN—CHAMPAGNE (WINE)

Raw material base for the Soviet champagne wine and the reduction of its cost. L. Karapetian. Prom. Arm. 8 no. 1:17-19 Ja '66.

ERIVAN—CUNEIFORM INSCRIPTIONS, VANNIC

A Vannic inscription relating to the founding of Erivan found during the excavation of Karmli-Blur hill. B. B. Piotrovskiy. Epig. Vest. 17:3-5 '66.

ERIVAN—FURNITURE—MODELS

Modern furniture models. O. Kulumchan. Prom. Arm. 9 no. 1:39-40 Ja '66.

ERIVAN—TREES—FROST RESISTANCE

Effect of the winter of 1963-1964 on the trees of Erivan. L. V. Arutunian. Bull. Glav. bot. sadu no. 60:9-10 '65.

EROSION

(see also subdivision under Azerbaijan; China; Fergana Valley; Ustyurt)

Denudation monadnocks. A. E. Krivolutskiy. Vest. Mosk. un. Ser. 5: Geog. 21 no. 2:113-116 Mr-Ap '66.

Effect of the slope on the erosion intensity of sandy soil. V. M. Pavlov. Vest. Mosk. un. Ser. 5: Geog. 21 no. 2: 104-108 Mr-Ap '66.

Results of observations of local scouring at bridge supports on columnar foundations. I. S. Rotenburg, I. A. Kovalenko. Transp. stroit. 15 no. 8:41-42 Ag '66.

Vyzco, A. S. [Operational measures, forecasts, and methods for reducing local erosion below hydraulic structures]. Eksploataatsionnyye meropriyatiya, prognoz i sposoby umen'sheniya mestnykh razmyvov za gidrotekhnicheskimi sooruzheniyami. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR, 1966. 292 p.

EROSION OF METALS

Friction and wear in corrosive media. M. D. Shlavskaya. Fiz.-khim. mekh. mat. 2 no. 1:78-83 '68.

Hydroabrasive wear of hard facing metal. I. U. 1. Uzyrenko, V. P. Shilmanovskiy, V. M. Moroz, Avtom. svar. 19 no. 3 26-28 Mr '66.

EROTIC LITERATURE see subdivision under United States

ERROR FUNCTIONS

Optimum parameter damping. S. A. Ivanov. Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2:39-43 Mr-Ap '66.

ERRORS, THEORY OF

Problems of the accuracy of quantization of normal random functions according to amplitude in the calculation of their mathematical expectations. A. N. Dumaratskiy. Trudy Inst. avtom. i elektroniki SO AN SSSR no. 11:53-68 '61.

ERYCHROSIDE

Auto-oxidation of erychroside. I. F. Makarevich, D. G. Kolesnikov, Farmatsevt. zhur. 19 no. 5:45-48 '64.

Pharmacological characteristics of the cardiac glycoside erychroside. M. A. Annas'ska, P. H. Bezuk, Zh. A. Lushchikha. Farmatsevt. zhur. 20 no. 2 59-63 '65.

ERYSIMUM

Occurrence of glucodigalactoside in Erysimum cheilanthoides. I. F. Makarevich. Khim. prirod. soed. no. 2:87-90 '65.

ERYSIPELAS

Gal'perin, E. A., and R. R. Ryskind. [Erysipelas] Rozh. Moskva, Meditsina, 1966. 206 p. (DNLM)

ERYTHROCYTES

Changes in the erythrocyte composition and gases of the blood in old rabbits. V. A. Losev, I. P. Shinkai. Fiziol. zhur. [Ukr.] 10 no. 6:771-776 N-D '61.

Characteristics of the distribution of erythrocytes according to their chemical resistivity. A. P. Podrabinek, I. I. Kamenskii. Biofizika 11 no. 2 261-287 '66.

Distribution of antibodies in the blood; penicillin and erythrocytes. K. Barna, T. Szaband, E. Barna. Antibiotiki 11 no. 2 161-165 F '66.

Spectral characteristics of catalase and hemoglobin of human erythrocytes. S. I. Krainev. Biokhimiya 31 no. 1: 26-32 Ja-F '66.

Transformations of erythrocytes of the peripheral blood in frogs. K. N. Kotova. Biol. zhur. med. 61 no. 3: 104-107 M '66.

ERYTHROPOIESIS

Mechanism of the effect of the sympathetic nervous system on erythropoiesis. V. L. Tartakovskiy, Pat. fiziol. i eksp. terap. 10 no. 1:73-74 Ja-F '66.

ESCHERICHIA COLI

Amino acid decarboxylases in Escherichia coli. I. U. V. Galinov, K. S. Kharats. Vop. med. khim. 12 no. 2 177-182 M-Ap '65.

Changes in the functional state of the respiratory center under the effect of colloidocesis. I. P. Garanina. Uch. zap. KVI 93:132-140 '64.

Chemical basis of double antigenic specificity of the sex recombinants of Escherichia coli HfrH and Shigella flexneri. N. S. Motavkina. Zhur. mikrobiol., epid. i immun. 43 no. 3 28-30 Mr '66.

Clinical laboratory characteristics of acute intestinal diacases caused by enteropathogenic Escherichia coli 0124 S S Mckler, E. A. Akonchenkova, M. P. Oblepenco. Zhur. mikrobiol., epid. i immun. 43 no. 3:70-74 Mr '66.

Evaluation of the sensitivity and specificity of the immunofluorescence method of laboratory diagnosis of intestinal coli-infection in children using adsorbed sera. I. N. Uliako. Zhur. mikrobiol., epid. i immun. 43 no. 3: 76-84 Mr '66.

Incidence of colenteritis in adults. S. I. Pastukhov and others. Voen.-med. zhur. no. 4:53-55 Ap '66.

Indicator bacteriophage. V. N. Kuznetsova, Z. S. Ostrovskaya. Zhur. mikrobiol., epid. i immun. 43 no. 3: 55-60 Mr '66.

Loss of capacity in penicillin spheroplasts and L-forms of Salmonella typhimurium to transmit the colicinogenic factor I. V. G. Petrovskaya, V. S. Levashov, N. V. Davydova. Zhur. mikrobiol., epid. i immun. 43 no. 3:22-27 Mr '66.

Molecular weight of DNA of the ϕ -phage of Escherichia coli 5K. T. I. Tikhonenko, V. I. Zak. Biokhimiya 31 no. 1:33-41 Ja-F '66.

ESCHERICHIA COLI—CULTURES AND CULTURE MEDIA

Characteristics of the strains of Escherichia coli isolated from calves with acute colenteritis. T. P. Rudenko. Trudy AZVI 13:116-121 '64.

ESOPHAGUS

Device for the recording of esophageal phonodiagram. H. V. Ivanovskiy, V. V. Rod. Fiziol. zhur. [Ukr.] 10 no. 6:824-825 N-D '61.

ESOPHAGUS—ABNORMALITIES AND DEFORMITIES

Two cases of the dichotomy of the esophagus in white mice. K. Burdumgarov. Trudy AZVI 13:289-291 '64.

ESOPHAGUS—CANCER

Combination of cancer and leiomyosarcoma of the esophagus. A. P. Chistov. Arkh. pat. 28 no. 2 83-85 '66.

Simultaneous lesion of the esophagus by pemphigus vulgaris and cancerous tumor. N. D. Sheklakov. Sov. med. 29 no. 3:122-123 Mr '66.

ESOPHAGUS—FOREIGN BODIES

(see also subdivision under Volgograd Province)
Complications in esophageal foreign bodies and their treatment. Z. I. Vol'fon V. N. Lagunova. Vop. travm no. 2 169-177 '63.

ESOPHAGUS—INFLAMMATION

Clinical experimental characteristics of esophagitis following gastrectomy and resection of the cardia. R. V. Bogoslavskiy, A. N. Burleev, I. M. Belousov. Grud. khir. 8 no. 1:92-95 Ja-F '66.

ESOPHAGUS—WOUNDS AND INJURIES

Changes in the blood and protein fractions in burn disease caused by a chemical trauma of the esophagus. M. S. Mikhailovskiy. Vop. travm no. 2 178-183 '63.

ESPIONAGE, RUSSIAN see subdivision under United States

ESSENCES AND ESSENTIAL OILS

Composition of turpentine fractions obtained in the rectification of cedar oil. L. S. Avakova, S. D. Kuzova, M. M. Shchedina. Zhur. prikl. khim. 39 no. 3 719-722 M '66.

Harvesting and processing of mint as whole plants. N. N. Kasimovskaya and others. Masi. zhur. prom. 32 no. 3 29-30 M '66.

Synthesis of antioxidants in synthetic essential oils. L. M. Glodina, A. A. Gonor, Khim. i tekhn. topl. i masel 11 no. 3 18-51 M '66.

Synthesis of some new cyclic acetals. K. A. Bagdanov. Masi. zhur. prom. 32 no. 2:21 F '66.

ESSENCES AND ESSENTIAL OILS—CONGRESSES

On the forthcoming 4th International Congress on Essential Oils. V. S. Sokolov. Rast. res. 2 no. 1:158 '66.

ESTERIFICATION

Esterification of polyvinyl alcohol fibers with titanium tetrachloride. V. I. Polianskaya, A. I. Meos, L. A. Vol'f. Zhur. prikl. khim. 39 no. 3 664-668 M '66.

ESTERS

New preparation method of synthesis of mono- and dicarboxylic acid esters of β -chloroethyl alcohol. H. M. Logidze, R. N. Akhvediani. Soob. AN Gruz. SSR 41 no. 3:371-580 M '66.

Synthesis of esters and other derivatives of carboxylic acids under conditions of acid catalysis from carbon monoxide, olefins, and acylating compounds. Part 22. Carbalkoxylation of methylcyclohexane and hydrocarboxylation of cyclohexene by means of formic acid and saturated C₁-C₅ alcohols. I. A. T. Lidus and others. Zhur. org. khim. 2 no. 2 266-270 F '66.

ESTERS—PHYSIOLOGICAL EFFECT

Effect of optical isomers of some aminoalkyl esters of disubstituted acetic and glycolic acids on the hypnotic action of hexanal and chloral hydrate in white mice. E. P. Zatsaphin. Farm. i toks. 28 no. 2:141-147 Mr-Ap '65.

ESTONIA—ACCOUNTING—CONGRESSES

Interuniversity scientific methods conference in the Estonian S. S. R. Bukh. uch. no. 4 54-56 Ap '66.

ESTONIA—AGRICULTURE

[The Estonian village today] Eesti kula tanapav. Tallinn, Eesti Raamat, 1965. 60 p., illus. [In Estonian]

ESTONIA—CATTLE—FEEDING AND FEEDS

What is gained from the improvement of cattle fattening. H. Liiva, A. Epishin. Zakup. sel'khoz. prod. no. 2:34-37 F '66.

ESTONIA—FARM BUILDINGS—DESIGN AND CONSTRUCTION

Experimental construction stockbreeding farms. R. Guik. Arkh. SSSR no. 2:46-47 '66.

ESTONIA—HISTORY—SOURCES

Rudnev, D. M. [Preserved by people and time, documentary sketches] Sberazhennoe ljud'mi i vremenem, dokumental'nye ocherki. Tallin, Eesti Raamat, 1966. 291 p.

ESTONIA—METEORITICS

On the problem of the formation of meteorites in the Estonian Republic. *Meteoritika* 1965 192-193

ESTONIA—ROCKS—THERMAL PROPERTIES

Thermal properties of rocks in the Estonian Republic. *Meteoritika* 1965 192-193

ESTONIA—RURAL PLANTING

Planting of rural plants in Estonia. *Meteoritika* 1965 192-193

ESTONIA—RUTAHAGA—ECONOMIC ASPECTS

Economic aspects of Rutahaga in Estonia. *Meteoritika* 1965 192-193

ESTONIA—WORKERS—EMPLOYMENT

Employment of workers in Estonia. *Meteoritika* 1965 192-193

ESTONIA—LANGUAGE—LITERATURE—POLYGLOTS

Language and literature in Estonia. *Meteoritika* 1965 192-193

ESTONIAN LITERATURE—HISTORY AND CRITICISM

History and criticism of Estonian literature. *Meteoritika* 1965 192-193

ESTROGENS

Effect of estrogens on the development of the female sex. *Meteoritika* 1965 192-193

Effect of estrogens on the development of the female sex. *Meteoritika* 1965 192-193

Effect of estrogens on the development of the female sex. *Meteoritika* 1965 192-193

ESTRUS

Effect of Eleutherococcus preparations on the estrus. *Meteoritika* 1965 192-193

ETHANEDIOL

Reaction of ethanediol with dichloroethane. *Meteoritika* 1965 192-193

ETHANES

Reaction of ethanes with dichloroethane. *Meteoritika* 1965 192-193

Reaction of ethanes with dichloroethane. *Meteoritika* 1965 192-193

Reaction of ethanes with dichloroethane. *Meteoritika* 1965 192-193

ETHANETHIOL

Reaction of ethanethiol with dichloroethane. *Meteoritika* 1965 192-193

ETHANOL

Reaction of ethanol with dichloroethane. *Meteoritika* 1965 192-193

Reaction of ethanol with dichloroethane. *Meteoritika* 1965 192-193

ETHANOL—PHYSIOLOGICAL EFFECT

Physiological effect of ethanol. *Meteoritika* 1965 192-193

ETHAPERAZINE—PHYSIOLOGICAL EFFECT

Physiological effect of ethaperazine. *Meteoritika* 1965 192-193

ETHER (ANESTHETIC)

Effect of ether on the resistance to ether anesthesia. *Meteoritika* 1965 192-193

ETHICS

Discussion on the problems of ethics. *Meteoritika* 1965 192-193

ETHNIC TYPES

Theoretical foundations of the research on ethnogenesis. *Meteoritika* 1965 192-193

ETHNOLOGICAL RESEARCH

Theoretical foundations of the research on ethnogenesis. *Meteoritika* 1965 192-193

ETHNOLOGY—BIBLIOGRAPHY

Bibliography on ethnology. *Meteoritika* 1965 192-193

ETHYL ALCOHOL

Maximum possible industrial yield of alcohol from hydrolyzates. *Meteoritika* 1965 192-193

ETHYL ETHER

Mechanism of extraction of bivalent iron by diethyl ether. *Meteoritika* 1965 192-193

ETHYLAMINE

Interaction of ethylamine and 5, β -aminoethyl isothiourea on the deoxyribonuclease II activity. *Meteoritika* 1965 192-193

ETHYLAMINE—PHYSIOLOGICAL EFFECT

Antibacterial effect of ethylamine and aminoethyl isothiourea. *Meteoritika* 1965 192-193

Therapeutic effectiveness of antibiotics on the background of the radiation-protective effect of cystamine in acute radiation sickness. *Meteoritika* 1965 192-193

ETHYLENE

Chromatographic determination of microimpurities of acetylene in ethylene. *Meteoritika* 1965 192-193

Production of ethylene and propylene in a tubular pyrolysis unit. *Meteoritika* 1965 192-193

ETHYLENE—PHYSIOLOGICAL EFFECT

Combined trichloroethylene anesthesia in neurosurgery. *Meteoritika* 1965 192-193

Clinical aspects of anesthesia and changes in the vascular tonus. *Meteoritika* 1965 192-193

ETHYLENE—THERAPEUTIC USE

Use of ethylene in neurosurgery. *Meteoritika* 1965 192-193

ETHYLENE COMPOUNDS

Study of the ethylene oxidation products from ultraviolet absorption spectra. *Meteoritika* 1965 192-193

ETHYLENE GLYCOL

Aminophenylethylene glycol esters of stearic acid. *Meteoritika* 1965 192-193

Determining the moisture content of di- and triethylene glycols. *Meteoritika* 1965 192-193

New method of sclerol extraction. *Meteoritika* 1965 192-193

ETHYLENE OXIDE

Kinetics and macrokinetics of the reaction of ethylene oxide with stearic acid. *Meteoritika* 1965 192-193

Kinetics and mechanism of the reaction of ethylene oxide with acids. *Meteoritika* 1965 192-193

Mechanism underlying the action of catalysis on the reaction of ethylene oxide with mercaptans. *Meteoritika* 1965 192-193

ETHYLENE POLYMERS

Polymerization of ethylene on the catalyst system $TiCl_4 + n(C_2H_5)_2$ in the presence of silane hydrides. *Meteoritika* 1965 192-193

ETHYLENEDIAMINE

High-frequency titration. Report No. 14. Polyethylene polymers. *Meteoritika* 1965 192-193

Oxidation of ethylenediamine in the inner sphere of tetraivalent platinum. *Meteoritika* 1965 192-193

ETHYLENIMINE

Mutagenic effect of various ethylenimine concentrations on winter wheat. *Meteoritika* 1965 192-193

Reaction of ethylenimine with allyl silane. *Meteoritika* 1965 192-193

EULER, LEONHARD, 1707-1783

Academia nauk SSSR. Akhiv. (L. Euler's manuscripts in the Archives of the Academy of Sciences of the U.S.S.R.) [Rukopisnye materialy L. Eйлера v Arkhivakh Akademii nauk SSSR. Moskva, 1965. Vol. 2, pt. 1. (Studies in mechanics) Study part 1. kharakteristika 1965 573 p. (Lit. Study, no. 20)]

EUROPE—FOLDS (GEOLOGY)

Representation of the tectonic characteristics of the structure and development of the Alpine fold area in the second edition of the Tectonic Map of Europe. *Meteoritika* 1965 192-193

EUROPE—GEOLOGY, STRUCTURAL—MAPS

Concerning the separation of "networked cores" and surrounding igneous formations on tectonic maps. *Meteoritika* 1965 192-193

Remarks concerning the changes to be included in the legend of the Tectonic Map of Europe. *Meteoritika* 1965 192-193

Remarks on the legend of a tectonic map. *Meteoritika* 1965 192-193

Some problems of the legend of the Tectonic Map of Europe. *Meteoritika* 1965 192-193

EUROPE—JOURNALISTS

Europe in motion. *Meteoritika* 1965 192-193

EUROPE—PALEOCLIMATOLOGY

Types of periglacial climate in Europe during the last glaciation. *Meteoritika* 1965 192-193

EUROPE—POLITICS

Crisis of the West-European integration and its political aspects. *Meteoritika* 1965 192-193

Europe in motion. *Meteoritika* 1965 192-193

European unity. *Meteoritika* 1965 192-193

EUROPE—POTASSIUM SALTS

Geochemical analysis of the genesis of potassium salts of the Stassfurt layer. *Meteoritika* 1965 192-193

EUROPE, EASTERN—BIBLIOGRAPHY

[New literature on the general problems of the European socialist countries] *Meteoritika* 1965 192-193

EUROPE, EASTERN—DIVISION OF LABOR

Forms and methods of intercommunication among the peoples of the socialist countries. *Meteoritika* 1965 192-193

EUROPE, EASTERN—ECONOMIC CONDITIONS

Tendencies of the economic development and cooperation of the European socialist countries. *Meteoritika* 1965 192-193

EUROPE, EASTERN—FEEDS—TRANSPORTATION

Bulk transportation of loose mixed feeds; investigation in member countries of the Commission. *Meteoritika* 1965 192-193

EUROPE, EASTERN—FINANCE—CONGRESSIB

International symposium in Bulgaria. *Meteoritika* 1965 192-193

EUROPE, EASTERN—FOREIGN ECONOMIC RELATIONS

Tendencies of the economic development and cooperation of the European socialist countries. *Meteoritika* 1965 192-193

EUROPE, EASTERN—INDUSTRIAL MANAGEMENT

Practice in improving the efficiency of productive work in fraternal socialist countries. *Meteoritika* 1965 192-193

EUROPE, EASTERN—INDUSTRIES

Basic proportions of the development of industrial production. *Meteoritika* 1965 192-193

EUROPE, EASTERN—LIBRARY SCHOOLS AND TRAINING

Library training in the European socialist countries. *Meteoritika* 1965 192-193

EUROPE, EASTERN—PETROLEUM PIPELINES

According to the laws of brotherhood, the "Druzhba" pipeline. *Agitator* 31 no. 9:50-52 Mr '66

EUROPE, EASTERN—POLITICS

Rasch, Harold. [What is the future of West Germany? Thoughts of a professor at Frankfurt University. Translated from the German.] *Kuda idet Zapadnaya Germaniya?* Razmyshlenia professora Frankfurtskogo universiteta. *Vstup. stat. in* 1 ed. Z.S. Shelnisa. Moskva, Progreso, 1965. 139 p. (CS-1)

EUROPE, EASTERN—RESEARCH, INDUSTRIAL

Some facts and figures on the scientific and technical cooperation of the Comecon countries. T. O. Dukhanova. *Vest. stat.* no. 1:15-50 '66

EUROPE, EASTERN—STATISTICS—CONGRESSES

The seventh meeting of the Permanent Committee on Statistics of the Comecon. A. L. Vest. stat. no. 4:93-94 '66

EUROPE, EASTERN—WORLD WAR, 1939-1945

Pushkash, A. I. [Hungary in the years of the Second World War.] *Vengriya v gody Vtoroi Mirovoy volny.* Moskva, Nauka, 1966. 524 p. (Vtoraya Mirovaya volna v issledovaniakh, vospominaniakh i dokumentakh)

EUROPE, WESTERN—ECONOMIC CONDITIONS

"The income policy" and the working class. IU. Doko. *Nov. vrem.* 23 no. 10:13-15 Mr '66.

"The income policy" and the working class. IU. Doko. *Nov. vrem.* 23 no. 10:13-15 Mr '66

EUROPEAN ECONOMIC COMMUNITY COUNTRIES

Only a trace... economic notes. A. Sutulin. *Nov. vrem.* 23 no. 2:26-29 Mr '66

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—ECONOMIC POLICY

Rubins, A. E. [Trade policy of the "Common Market".] *Torgovaya politika "obshchego rynka."* Moskva, 1966. 70 p. (Biblioteka inostrannoi kommerchesko informatsii, no. 3)

EUROPEAN FEDERATION

Critics of the West-European integration and its political aspects. I. Lemin. *Mezhdunar. zhizn'* 13 no. 5:58-69 '66.

The 500th anniversary of Jiri z Podbrad's project of an organization for peace and security. N. M. Uf'yanova. *Ukr. ist. zhur.* 9 no. 2:158 '65.

What is the "European Movement"? Information. E. Kuduk. *Nov. vrem.* 23 no. 22:31-32 Mr '66.

EUROPIUM

Polarographic determination of europium and ytterbium with calcium chloride as the support. S. B. Il'kova, S. M. Gubel'man. *Zav. lab.* 31 no. 7:806-807 '65.

EURYGASTERS—PARASITES see Parasites—Eurygasters

EUTECTICS

Labels for using the concept of microheterogeneity in solutions. D. K. Beloshchenko. *Sbor. inst. stadii splav.* no. 4:41-51 '66

Morphology of the eutectic in Fe - C - Cr alloys. IU. N. Taran, V. M. Snagovskii. *Metalloved. i term. obr. met.* no. 4:27-39 Ap '66.

Structure of liquid eutectics and the character of viscosity - composition diagrams in eutectic-type systems. L. I. Gvozdeva, A. P. Likhimov. *Sbor. inst. stadii splav.* no. 4:161-165 '66.

EVAPORATION

Evaporation of thin nonmetallic specimens caused by fission fragments. G. K. Gorshkov, L. N. L'vov. *Atom. energ.* 20 no. 4:327-330 Ap '66.

Mass transfer between a body and the medium. L. M. Nikitina and others. *Dokl. AN BSSR* 10 no. 3:159-161 Mr '66.

Study of metastable states during isothermal evaporation in the system (Na⁺, K⁺, Mg²⁺), (Cl⁻, SO₄²⁻), H₂O at 70°C (343.2°K). O. D. Kashkarov, G. M. Saparov. *Izv. AN Turk. SSR, Ser. fiz., tekhn. i khim. i geol. nauk* no. 2:56-63 '66.

Thermodynamic study of the evaporation of lower niobium oxides. S. A. Shchukarev, G. A. Semenov, K. E. Frantsova. *Zhur. neorg. khim.* 11 no. 2:233-239 F '66.

Vaporization setup. S. A. Shipitsyn. *Zav. lab.* 31 no. 6:766-767 '65.

EVAPORATION—THERMODYNAMICS

Thermodynamics of evaporation of refractory oxides at high temperatures. E. F. Rudin, A. K. Karkit. *Zhur. prikl. khim.* 39 no. 3:537-544 Mr '66.

EVAPORATION (METEOROLOGY)

(see also subdivision under Alankol' Lakes; Leningrad Province)

Theory of the evaporation of moisture from capillaries with calculations for the peculiar movement of moisture. B. V. Deriagin, S. V. Nerpin, N. V. Churnev, Sbor. trud. po agrom. fiz. no. 11:5-10 '65.

EVENING AND CONTINUATION SCHOOLS

Could we reduce the training time for evening students? A. T. Agafonov, S. V. Molisev. *Vest. vys. shkoly* 24 no. 3:43-45 Mr '66.

Let's make efficient use of time in the schools for working youth. L. M. Artyamonova. *Rad. shk.* 44 no. 3:43-48 Mr '66.

Let's think together! A. Generalov. *Prof. -tech. obr.* 23 no. 4:23 Ap '66.

Seminar report on the work of an enterprise. I. P. Khamov, A. A. Plotnikov. *Vest. vys. shkoly* 21 no. 4:68-69 Ap '66

The time of examinations and the "Slava" clocks. B. Kiylov. *Vol. komm.* no. 3:101-104 Mr '65.

EVERGREENS—FROST RESISTANCE

Frost resistance of some evergreen plants as related to the age of leaves. T. S. Sulafadze, S. M. Shamtsian. *Sob. AN Gruz. SSR* 11 no. 3:679-683 Mr '66

EVICITION see subdivision under Kazan

EVIDENCE, CRIMINAL see subdivision under Georgia

EVIDENCE, EXPERT

Experts uncover deficiencies in accounting. IA Skumatovskii. *Bukh. uch. i* no. 4:33-38 Ap '66.

EVOLUTION

Life and gravitation. P. A. Kozhnev. *Priroda* 55 no. 4:29-36 '66.

Rhythm of the individual development of animals and its role in evolution. S. V. Emel'yanov. *Zool. zhur.* 15 no. 3:321-333 '66.

EWES—FEED UTILIZATION EFFICIENCY

Utilization of the nutrients of rations by pregnant ewes in different types of feeding. V. I. Shapkarin. *Uch. zap. Mord. gos. un.* no. 4:128-136 '65.

EXCAVATING MACHINERY

Backhoe with a cutting edge. I. I. Akhmetzhanov. *Transp. i khran. nefi i nefteprod.* no. 9:27 '65.

Continuous-operation excavators made in the Novo-Kramatorsk Machinery Plant. A. I. Shenderov and others. *Gor. zhur.* no. 1:16-19 Ap '66

Effect of the granulometric composition of a mass on the output of an excavator. V. A. Boldyryev. *Sti. i izv. Uzb. 7* no. 4:16-19 Ap '66.

Equipment for automatic operation and control of ERG-1000 rotary bucket excavators. IA S. Kravchenko, T. S. Kravchuk, N. F. Tarasovich. *Gor. zhur.* no. 4:86-93 Ap '66

Excavators made in the Novo-Kramatorsk Machinery Plant. I. M. Kharakina. *Gor. zhur.* no. 4:13-15 Ap '66

Give new high-powered excavators 10 open-pit mines. *Gor. zhur.* no. 4:6 Ap '66

Hardening the cutting edge of the operating units of excavating machinery. V. V. Fedorov, Kh. Ch. Chalaev. *Stroitel. Uzb. 7* no. 1:12-16 Ap '66.

Kinematic system of the multibucket excavator for lateral digging. A. M. Kasimov. *Uch. zap. AzSKH* no. 1:97-104 '64.

Machines made in the plant named in honor of the 15th anniversary of the Ukrainian Communist Youth League. IA G. Shchukov, B. D. Khairik, V. M. Iakimovich. *Gor. zhur.* no. 4:20-23 Ap '66

Prospects of using continuous machine units in the open-pit mines of the "Dnepropetrovsk" Trust. B. N. Tariatkovskii and others. *Mezhd. i gornorud. prom.* no. 2:61-66 Mr-Apr '66

EXCAVATING MACHINERY—DESIGN AND CONSTRUCTION see subdivision under Sverdlovsk

EXCAVATING MACHINERY—EFFICIENCY

Increasing the efficiency of rotary bucket excavators. O. N. Mashkovich. *Fiz. -tekhn. probl. razrab. pol. i skop.* no. 1:63-69 '66.

EXCAVATING MACHINERY—HYDRAULIC EQUIPMENT

Repairing the hydraulic equipment of the "E-153" excavator. S. I. Dudochnikov. *Uch. zap. Mord. gos. un.* no. 45:60-70 '64.

EXCAVATING MACHINERY—MAINTENANCE AND REPAIR

Klov, Nauchno-issledovatel'skii institut stroitel'nogo proizvodstva. [Technical maintenance manual for the E-1001 excavator.] *Al'bom tekhnicheskogo obsluzhivaniia ekskavatora E-1001.* Moskva, Stroizdat, 1965. 122 p.

EXCAVATING MACHINERY—VIBRATIONS

Damping capacity of the multiple engine drive in a generator-engine system. V. F. Kuznetsov. *Izv. vys. ucheb. zav. i gor. zhur.* 9 no. 2:125-132 '66.

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Azerbaijan, Buryat A. S. S. R.; Pskov Province

EXCITATION (PHYSIOLOGY)

Analysis of the neurohumoral mechanism of cortical activation caused by stimuli of various quality. K. M. Khamatov. *Dokl. eksp. biol. i med.* 61 no. 1:3-9 Mr '66

Analysis of the succession of Winckelbach's cycles. V. V. Smolantsov. *Biofizika* 11 no. 2:337-344 '66.

Characteristics of the motor habit of "accompanying tracking" during high velocity of the movement of the stimulant. M. S. Zalkind, Zhur. vys. nerv. delat. 10 no. 2:251-259 Mr-Apr '66.

Connections between the neurons of the sympathetic ganglion. V. I. Skot. *Dokl. eksp. biol. i med.* 61 no. 3:12-17 Mr '66.

Direct connections and feedbacks in the formation of avoidance and alimentary reflexes to electrical stimulation of the skin. M. I. Tashmukhamatova, Zhur. vys. nerv. delat. 10 no. 2:365-368 Mr-Apr '66.

Effect of C-vitamin enriched food on the human organism exposed to occupational hazards (in the presence of strong acoustic excitations). A. M. Margolis, G. D. Bakanova. *Vop. pit.* 25 no. 2:34-38 Mr-Apr '66.

Effect of differential and positive conditioned stimuli during the aftereffect of conditioned excitation and differential inhibition. D. V. Machashev. Zhur. vys. nerv. delat. 10 no. 2:372-373 Mr-Apr '66

Heterosynaptic excitation of neurons of the sympathetic ganglion. V. I. Skok, Fiziol. zhur. 52 no. 4:355-359 Ap '66.

Interaction of the cerebral cortex, hypothalamus, and reticular formation in the development of electric response. D. G. Shevchenko, Fiziol. zhur. 52 no. 4:329-336 Ap '66.

Interrelationship between the dynamics of 17-hydroxycorticosteroids of the blood plasma and the form of stimulus. L. M. Mikhneva. *Vest. AN BSSR, Ser. biol. nav.* no. 1:91-95 '66.

Methodology of generating neuroses in Macaca rhesus under experimental conditions. A. F. Sysoeva, V. G. Sotula, N. G. Puzikov. Zhur. vys. nerv. delat. 10 no. 2:379-382 Mr-Apr '66.

Nucleic acid and protein content in the glial cells of the superior cervical sympathetic ganglion following its excitation. L. Z. Pevzner. *Ukr. biokhim. zhur.* 38 no. 2:123-127 '66.

Participation of a triplet excited state in porphyrin photochemical reactions at 77°K. Z. P. Grabova, V. A. Umrikhin, L. P. Kiselev. *Biofizika* 11 no. 2:353-355 '66.

Propagation of impulses in a unidimensional excitation medium. M. B. Belkin, S. V. Fomin, A. V. Kholopov. *Biofizika* 11 no. 2:320-326 '66.

Significance of "spontaneous" neuron activity for chain reaction processes. M. N. Litvinov, A. N. Lebedev, V. A. Krasavin. Zhur. vys. nerv. delat. 10 no. 2:292-297 Mr-Apr '66.

Some characteristics of the electrical reactions, submicroscopic organization, and enzyme activity of the cerebral cortex (optic region) during stimulation of the reticular formation of the brainstem. R. R. Velyka and others. *Fiziol. zhur. [Ukr.]* 12 no. 2:168-176 '66.

Use of caffeine for the determination of the strength of the stimulating process in dogs. N. A. Krasavskaya. Zhur. vys. nerv. delat. 10 no. 2:233-239 Mr-Apr '66.

EXCURSION BOATS

Designs of small tourist boats. *Sudostroenie* 30 no. 6:35-41 Je '64.

EXECUTIONS (LAW)

(see also subdivision under Tatar A. S. S. R.) From the work practices of a court marshal. H. Zhylia. *Rad. pravo* 29 no. 4:39-41 Ap '66.

EXERCISE THERAPY

Clinical experience in compound treatment of adipose of mainly alimentary genesis. E. A. Belul, V. A. Olapova. *Sov. med.* 29 no. 4:46-49 Ap '66.

Exercise therapy in brucellosis. M. M. Mikhailova, E. D. Skuchanova, IU. F. Scherbak. *Vop. kur., fizioter. i lach. fiz. kul't.* 31 no. 1:60-70 '66.

Exercise therapy in the compound treatment of gynecological patients at the "Ugda" Med Therapy Health Resort. N. A. Shevkun, N. K. vop. klin. i kr. vop. pat. no. 4:56-60 '65.

Indications and contraindications for the use of exercise therapy in reparative processes in the lungs. G. Kh. Dovgiallo, R. M. Balykina. *Vop. kur., fizioter. i lach. fiz. kul't.* 30 no. 2:165-170 Mr-Apr '65.

EXHAUST SYSTEMS

Eldor'man, I. G. [Practices in the efficient installation of ventilation exhaust systems; forge, electroplating, and grinding shops.] *Opyt ratsional'nogo montazha vytlaznykh sistem ventilatsii; kuznecnyye, gal'vanicheskoe i shlifovatel'nye tekhn. Tbilist, Sabchota Shkafstvo, 1966. 51 p.*

EXHAUST SYSTEMS—DESIGN AND CONSTRUCTION

Assembling an exhaust pipe with a height of 100 m. V. M. Ashman, A. S. Diamidov. *Mont. i spets. rab. v stroit.* 25 no. 12:18-19 D '63.

EXHIBITIONS

Exhibition of the USSR Ministry of the Interior. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

EXPANSION (HEAT)—MEASUREMENT

Expansion of the liquid phase of a polymer. L. I. Bort, *Zh. fiz. khim.* 40 no. 7:12-13 Mr '66.

EXPENDITURES, PUBLIC

Social consumption funds. L. Artem'eva, A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

EXPERIMENTAL DESIGN

Simple, single, planning with the help of a computer. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

Experimental design of a process of extraction of phosphorus from a solid phase. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

Optimization of the process of extraction of phosphorus from a solid phase. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

Experimental design of a process of extraction of phosphorus from a solid phase. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

Experimental design of a process of extraction of phosphorus from a solid phase. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

Experimental design of a process of extraction of phosphorus from a solid phase. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

Experimental design of a process of extraction of phosphorus from a solid phase. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

Experimental design of a process of extraction of phosphorus from a solid phase. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

EXPERIMENTAL ONCOLOGY

see Oncology, Experimental

EXPERT EVIDENCE

see Evidence, Expert

EXPLODING WIRE PHENOMENA

Initial heating stage of exploding wires. S. V. Lelchev. *Zh. fiz. khim.* 40 no. 3:509-519 Mr '66.

Explosion of a wire in a magnetic field. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

EXPLOSIONS

Physical basis of the theory of thermal explosion. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

EXPLOSIVE FORMING

Manufacturing apparatus for a laser sheet obtained by the explosion method. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

Sheet-metal work with low-plasticity metals by heating with use of a pyrotechnical composition. E. B. Medzianovskii. *Kuz.-shtam. prolzv.* 8 no. 10:22-24 O '64.

EXPLOSIVES

New explosives. M. A. Basistov, P. E. Kostrov. *Transp. stroit.* 13 no. 9:53-54 Ag '65.

EXPLOSIVES—TESTING

Industrial testing of andigantates at the Mirgalimov Mine. A. V. Brichkin and others. *Gor. zhur.* 40 no. 4:58-60 Ap '66.

EXTRACTION (CHEMISTRY)

Amines as extracting agents in chemistry (survey). L. A. Shvetchuk. *Trudy IREA* no. 27:251-258 '65.

Application of diffusion equations to the extraction from anisotropic media. L. A. Artem'eva, A. A. Levshin. *Sov. eksp.* 41 no. 3:14-17 Mr '66.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Extraction-photometric determination of phosphorus and silicon in the form of their reduced heteropoly acids. F. P. Sudakov, V. I. Kitiina, N. T. Maslova. *Vest. Mosk. un.* Ser. 2:1 khim. 21 no. 1:99-100 Ja-P '66.

New extracting agents, chelates (survey). V. M. Dzhalov. *Trudy IREA* no. 27:336-353 '65.

Purifying nickel electrolytes from iron by extraction with amines. F. Sh. Iofe, L. I. Romazanova, R. A. Puchkova. *TSvet. met.* 39 no. 3:34-38 Mr '66.

Quantitative determination of and optimal conditions for the extraction of securinine with organic solvents. V. V. Mikheev. *Farmatsev. zhur.* 29 no. 2:26-28 '65.

Solvent extraction of reduced phosphomolybdic acid with high-molecular weight amines. V. I. Kitiina, I. P. Sudakov, I. P. Mironov. *Zhur. prikl. khim.* 21 no. 3:333-344 '66.

Using anhydrous dimethylformamide for removing aromatic hydrocarbons from rubber distillates. G. E. Ledshova, A. Z. Dorigochinskii. *Netepei. i netekhim.* no. 4:15-18 '66.

EXTRACTION APPARATUS

Circular equations for mass transfer in mixing and settling extractors. A. M. Berestovoi, P. G. Romankov. *Zhur. prikl. khim.* 38 no. 2:319-328 F '65.

Extraction of acetic acid from the waste waters of butyl acetate production. R. I. Tikhomirov. *Gidroliz. i lesokhim. prom.* 19 no. 3:21 '66.

Modernization of extraction apparatus and production lines is an additional potential of increasing the operative capacity of extraction factories. V. P. Kichigin. *Masl. -zhir. prom.* 32 no. 3:37-41 Mr '66.

Redesigned loading column of the ND-1250 extractor. V. E. Osharenko, N. S. Aitullin, R. N. Dzhibinskii. *Masl. -zhir. prom.* 32 no. 4:42-43 Mr '66.

Separation of lithium and sodium chlorides in an extraction apparatus. F. M. Kuznetsova, G. M. Panchenkov. *Zhur. iz khim.* 40 no. 2:481-482 F '66.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

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Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others. *Zhur. prikl. khim.* 38 no. 2:21-27 F '65.

Preparing semifinished aluminum alloy products by cold extrusion. L. I. Bort, *TSvet. met.* 39 no. 4:76-77 Ap '66.

EXTRUSION (METALS)—EQUIPMENT AND SUPPLIES

Force required for the reverse motion in the cold extrusion of parts with shaped cavities. A. S. Tikhov. *Zhur. prikl. khim.* 38 no. 3:7-8 Mr '66.

EXTRUSION PROCESS

Investigating the hot extrusion of a ceramic metal alloy of copper and boron nitride. L. I. Zhilov and others. *Kuz.-shtam. prolzv.* 8 no. 3:1-1 Mr '66.

EYE

Preparation of ophthalmic ointments on a water-soluble base. V. E. Panchenko, L. O. Andriyeva. *TSvet. met.* 39 no. 5:6-8 '61.

EYE—BLOOD SUPPLY

Study of the permeability of ocular vessels following the implantation of an acrylic lens in the camera oculi anterior. V. D. Zakharov, V. V. Zolotarev. *Trudy AN SSSR, Ser. Med. i Biol. Nauki* no. 2:10-11 '64.

EYE—FOREIGN BODIES

Methods of determining the individual sizes of the eye ball, the length of the cornea, and their importance in removing intraocular fragments. Report No. 1. Causes of preventing the removal of intraocular fragments and ways for their elimination. V. G. Ganyinov. *Arkh. med. i biol. nauch. issled.* 12 no. 12:21-27 D '66.

EYE—WOUNDS AND INJURIES

Effect of ultrasonic on the healthy eye of a rabbit and hemorrhages in it, experimental research. V. A. I. Vop, kur. *fiziolog. i lech. fiz. kul't.* 30 no. 4:19-111 Mr-Apr '65.

Use of cortisone in the treatment of trauma of the organ of vision. I. A. Kulikov. *Vop. travm.* no. 2:101-104 '64.

FACE—WOUNDS AND INJURIES

Fractures of jaws and lesions of the soft facial tissue according to modern data of the stomatological ward of the Volgograd Province Clinical Hospital for 10 years (1951-1961). I. A. Kilmukha. *Vop. travm.* no. 2:145-150 '64.

FACTOR ANALYSIS

Motor characteristics of man as an n-dimensional continuum. V. M. Zolotarev, M. A. Godik. *Trudy AN SSSR, Ser. Fiz. i Mat. Nauki* 29 no. 4:12-21 Ap '66.

FACTORIES

Between fantasy and science. S. Somanov, V. Shtatnev. *Nov. mir* 42 no. 2:277-280 F '66.

FACTORIES—DESIGN AND CONSTRUCTION

Economy true and false. M. Ginzburg. *Obshchestven. nauch. zhur.* 9 no. 5:27 My '66.

What happens to the improvement of working conditions in our enterprises? L. Leshchinskii. *Tekhn. i nauch. zhur.* 10 Mr '66.

FACTORIES—EQUIPMENT AND SUPPLIES

Control board. B. Panchin. *Tekhn. i nauch. zhur.* 3 no. 7:10-11 Mr '66.

New exhibits. Inform. biul. VDNKH no. 3:37 Mr '66.

FACTORIES—LIGHTING

Artificial lighting of the production shops of the Voronezh Synthetic Rubber Plant. M. M. Strechkov. *Kauch. i rez.* 25 no. 1:39-41 '66.

Industrial aesthetic and artificial lighting of the light industry enterprises. S. M. Litmanov, A. V. Belotvetov, I. I. Margolis. *Kozh.-obuv. prom.* 8 no. 3:18-20 Mr '66.

FACTORY REJECTS

Use of negative hypogeometric distribution in order to obtain an unbiased estimate of factory rejects toward inspection. I. A. P. Lunetskii. *Zav. lab.* 32 no. 4:330-334 '66.

FALLOPIAN TUBES—EXAMINATION

Clinical examination of the fallopian tubes. V. E. Irkin. *Veterinaria* 42 no. 3:95-96 Mr '66.

FALLOPIAN TUBES—INFLAMMATION

Methodology for the induction of experimental infectious salpingitis. L. A. Samosodina. *Russ. eksp. biol. i med.* 61 no. 2:123-124 F '66.

FAMILY

Collective work of the family and its development under socialism. A. L. Popova. *Uch. zap. Kaf. obshchestven. nauk vuz g. Len. i Filoz.* no. 7:122-134 '65.

My family. V. Kropkova. *Sem'ya i shkola* 21 no. 3:1 Mr '66.

FANS (MACHINERY)

Methods of comparing technical and economic indices of mine fans. V. S. Pak, G. A. Babak, V. V. Pak. *Izvest. AN SSSR, Ser. Tekhn. i Nauch. Zhur.* 41 no. 4:42-45 Ap '66.

- FERRITES (MAGNETIC MATERIALS)**
Effect of natural ferromagnetic resonance on nonlinear losses in ferrites. A. I. Pili'shchikov, N. S. Sedetskaya. Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2 69-76 Mr-Apr '66.
- Magnetic and false properties of ferrites with a various content of Co subjected to a thermomagnetic treatment. M. Z. Muratov, N. G. Shatalov. Fiz. met. i metalloved. 41 no. 3 46-63 Mr '66.
- Physical properties of ferrites. Curr. state of the art. L. A. Likhachev, I. A. Tikhonov. Izv. AN SSSR Ser. fiz. i tekhn. nauk 1966 no. 1 27-30 Feb.
- Spin ordering and magnetic crystallographic anisotropy in $\text{BiCo}_2\text{Fe}_{10}\text{O}_{27}$ ferrite single crystals. I. I. Mikhlin and others. Zhur. eksp. i teor. fiz. 30 no. 3 595-601 Mi '66.
- FERROCFINE**
The nature of atomic structure of ferrocene. E. M. Churakov, M. E. Dzhurav. Zhur. strukt. khim. 7 no. 1 117-140 Jan-Feb '66.
- Structural examination of substituted ferrocenes. Z. I. Kaluzhskii, R. I. V. Jan, M. I. Struchkov. Zhur. strukt. khim. 7 no. 1 131-133 Jan-Feb '66.
- FERROCYANIDES—SPECIES**
Infrared absorption spectra of ferrocyanic acid and some acid ferrocyanides. B. I. Petrov, and others. Izv. AN SSSR, Neorg. mat. 2 no. 3 495-500 Mr '66.
- FERROELECTRIC CRYSTALS**
Phase effects due to electron-phonon interaction during phase transition in a ferroelectric semiconductor. V. M. Fridkin. Pis'ma v Zhur. eksp. i teor. fiz. 3 no. 6 232-235 Mr '66.
- FERROMAGNETIC RESONANCE**
Effect of natural ferromagnetic resonance on nonlinear losses in ferrites. A. I. Pili'shchikov, N. S. Sedetskaya. Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2 69-76 Mr-Apr '66.
- Effect of thermomechanical treatment on the width of the ferromagnetic resonance line in single crystals of yttrium ferrite-garnet. I. A. Derzhuk, V. V. Danylov. Ukr. fiz. zhur. 11 no. 4 433-438 Ap '66.
- FERROMAGNETISM**
Behavior of inverted ferromagnets. A. M. Rodichev. Izv. vys. ucheb. zav. radiofiz. 9 no. 1 81-84 '66.
- Characteristics of spin wave spectra in ferromagnetic and antiferromagnetic metals. P. S. Kondratenko. Zhur. eksp. i teor. fiz. 50 no. 3 760-782 Mr '66.
- Interaction of plasma and spin waves in ferromagnetic semiconductors and metals. V. G. Bar'yakhtar, M. A. Sa. chenko, K. N. Stepanov. Zhur. eksp. i teor. fiz. 50 no. 3 778-788 Mr '66.
- Studying the temperature and structural dependence of ferromagnetic properties of nickel films obtained by the chemical method. N. V. Kotelnikov, I. V. Bobrov. Fiz. met. i metalloved. 21 no. 3 351-357 Mr '66.
- FERSMAN, ALEKSANDR YEVGEN'EVICH, 1883-1945**
Fersman Lectures. Vest. AN SSSR 36 no. 3 192 Mr '66. In memory of A. E. Fersman. Geol. zhur. 23 no. 6 104-105 '63.
- FERTILIZATION OF PLANTS**
Cytophysiological characteristics of the irradiated pollen of an apple tree and its fertilizing capacity. I. V. Driagina. Nauch. dokl. vys. shkoly, biol. nauki no. 2 99-103 '66.
- Effect of pollination methods of the biochemical indices of corn seeds. P. S. Fedorov, E. A. Teplova. Biol. Kirovsk. no. 5 24-28 '60.
- FERTILIZER INDUSTRY** see subdivision under Armenia
- FERTILIZER INDUSTRY—FIRES AND FIRE PREVENTION**
Fire caused by a gasholder. A. Egiazarian. Pozh. delo no. 11 21 N '65.
- FERTILIZER PLANTS**
(see also subdivision under Dorogobuzh, Smolensk Province)
Produce mineral fertilizers for agriculture. Mont. i spets. rab. v stroit. 25 no. 12:1-3 D '63.
- FERTILIZER SPREADERS**
Machines for the placement of fertilizers. K. E. Liberman. Trakt. i sel'khoz. mash. no. 4 10-11 Ap '66.
- FERTILIZERS AND MANURES**
(see also subdivision under Azov Sea region; Moldavia)
Continuous use of fertilizers and balance of nutrients in crop rotation. S. T. Ligum. Agrokhimia no. 4 71-79 Ap '66.
- Effect of mineral fertilizers and farm manure on the agrochemical properties of soils and the uptake of nutrients by crops based on long-term experiments. V. P. Bugaev, Z. M. Oalipova. Agrokhimia no. 4 59-70 Ap '66.
- Effect of the continuous application of fertilizers on the agrochemical characteristics of the turf-Podzolic soils of hay fields. L. D. Fedorova. Khim. v sel'khoz. no. 4 19-22 Ap '66.
- Smirnov, N. V. [Production of lime, dolomite, and gypsum meals for agriculture]. Prolivodstvo izvestniakov, dolomitov i gipsa muki dlia sel'skogo khoziaistva. Moskva, Stroizdat, 1966. 111 p.
- FERTILIZERS AND MANURES—ANALYSIS**
Physicochemical methods of analysis of pesticides and fertilizers, a survey. I. S. Liatkov, V. I. Borin, I. V. Loshova. Zav. lab. 31 no. 7 781-781 '65.
- FERTILIZERS AND MANURES—HANDLING** see subdivision under White Russia
- FERTILIZERS AND MANURES—PRESERVATION AND STORAGE**
Storage of farm manure. I. P. Mamchenkov. Zemledelie 28 no. 3 50-52 Mr '66.
- Storing farm manure on a collective farm. I. A. Ishchenko, I. V. Vasilenko. Zemledelie 28 no. 3 53-51 Mr '66.
- FETUS**
Embryospecific globulins in determining the group of the serum of a human fetus. I. U. S. Tufanov. Vop. med. khim. 11 no. 3 98-99 My-Ju '65.
- FIBER GLASS BOATS**
Fiberglass sailing catamaran. V. V. Isakov, K. K. Massalabov, A. A. Treidin, Sudostroenie 30 no. 4 31-35 Ap '64.
- FIBERBOARD**
Conference concerning the dry-forming method for the manufacture of wood fiberboard. S. M. Khasdin, O. A. Bocharov. Der. Prom. 15 no. 4 31-32 Ap '66.
- FIBRINOGEN**
Content of plasma fibrinogen and C-reactive protein of the blood serum in patients with acute and chronic pneumonia. I. F. Riabinin. Sov. med. 29 no. 4 120-122 Ap '66.
- FIBRINOLYSINS**
Experience in the use of fibrinolysin in surgical practice. S. E. Iurik, G. V. Andreenko. Khirurgia 42 no. 4 104-105 Ap '66.
- FIBRINOLYSINS—PHYSIOLOGICAL EFFECT**
Effect of fibrinolysin on the tonus of pulmonary and bronchial vessels. R. M. Zaslavskaya. Farm. i toka. 20 no. 2 494-195 Mr-Apr '65.
- FIBRINOLYSIS**
Acute fibrinolysis following adenectomy and its treatment with ϵ -aminocaproic acid. S. G. Kontukhov, V. G. Egorov. Urol. i nefr. no. 4 58-60 '65.
- Antifibrinolytic and toxic properties of ϵ -aminocaproic acid under experimental conditions. R. I. Zaitseva. Farm. i toka. 20 no. 2 186-189 Mr-Apr '65.
- Antiplasmin and its effect on the fibrinolysis process under experimental conditions. B. A. Kudriashov, V. E. Pastorova. Biol. eksp. i med. 61 no. 2 40-42 F '66.
- Effect of immune sera on blood coagulation and fibrinolysis. G. V. Andreenko, I. U. G. Tintakov. Arkh. pat. 28 no. 2 33-38 '66.
- Effect of various diets on the fibrinolytic activity of the blood in atherosclerosis patients. V. I. Shevchenko. Vop. pit. 25 no. 2 42-45 Mh-Apr '66.
- FIBROUS COMPOSITES**
Effect of adhesion on the strength of fibrous-bonded materials. V. B. Tikhomirov. Dokl. AN SSSR 167 no. 4 367-368 Ap '66.
- FIELD CROPS** see subdivision under Kolkhida Lowland; Virgin Territory
- FIELD CROPS—DISEASE AND PEST RESISTANCE**
see subdivision under White Russia
- FIELD CROPS—FERTILIZERS AND MANURES**
Fertility detachment at work. V. M. Reshetnikov. Zemledelie 28 no. 3 55-57 Mr '66.
- FIELD CROPS—IRRIGATION**
Physiological bases of an effective system for the irrigation and feeding of farm crops. N. S. Petukhov. Vest. sel'khoz. nauk. 10 no. 3 16-20 Mr '65.
- FIELD CROPS—RESEARCH**
Scientific studies of the Department of Plant Growing. N. A. Malsurian. Vest. sel'khoz. nauk. 10 no. 3 131-135 Mr '65.
- FIELD EMISSION**
Effect of the thickness of an oxide on the field effect in silicon. O. S. Frolov, O. V. Snitko, V. N. Lakovkin. Ukr. fiz. zhur. 11 no. 4 446-448 Ap '66.
- FIELD MICE—PARASITES** see Parasites—Field mice
- FIELD THEORY**
Calculating the field of an electrostatic focusing system and modeling on an electrolytic cell. V. I. Dimovskii, A. A. Syrovatkin. Izv. vuzov, no. 2 1-10 '66.
- Calculation of an electrostatic focusing system and modeling on its ion-optical characteristics. V. I. Dimovskii, A. A. Syrovatkin. Izv. vuzov, no. 2 1-10 '66.
- Methods for finding the trajectories of neutral particles with a dipole moment moving in inhomogeneous fields. A. A. Zheleznev, T. E. Nikitina, G. M. Strakhovskii. Izv. vuzov, no. 2 1-10 '66.
- FIGURE PAINTING**
The image of man in Soviet art. Iskusstvo 26 no. 3 2-17 '66.
- FILIPPO, EDUARDO DE, 1896-**
Molodtsova, M. M. Eduardo de Filippo. Leningrad, Iskustvo, 1965. 111 p. Illus.
- FILIPPOV, MIKHAIL MIKHAILOVICH, 1890-**
Mikhail Mikhailovich Filippov. Voen.-med. zhur. no. 2 11 Ap '66.
- FILLERS (CHEMICAL TECHNOLOGY)**
Effect of the fractional composition of kaolin on the properties of the resulting sheets of papermaking machinery. I. U. N. Maslov. Prom. prom. no. 1 21-22 Ap '66.
- New active light color fillers for porous rubbers. A. G. Zaitseva, B. A. Safrai, I. U. Mikhlin, Nauch.-issled. trudy VNIPIK no. 15 38-44 '64.
- Study of the effect of fillers on the thermal behavior of polyacrylamide by means of differential thermal analysis. I. U. N. Kei cha, R. V. Volkovskiy, Vysokom. soed. 8 no. 3 413-418 Mi '66.
- Studying some technological characteristics of glass fillers. R. A. Tsvetkov, A. N. Levin. Plast. massy no. 4 51-55 '66.
- FILMSTRIPS**
Use of audio-visual equipment. N. V. Arin'ko, B. I. Ginzberg. Nauch. shkola 34 no. 4 50-58 Ap '66.
- FILTER THEORY**
Relationship between the passband and delay time for a class of linear filters. B. N. Dobrinskii. Radiotekhnika 21 no. 1 10-15 Ap '66.
- Solution of a problem in optimal filtration for random signals changing their properties in a given moment of time. S. P. Dmitriev, R. A. Dolgikh, A. A. Ignatov. Avtom. i telemek. no. 4 40-47 '66.
- Solution of nonstationary problems of filtration and prediction using simulation methods. I. N. Gol'din, Zh. A. Novosel'tseva. Avtom. i telemek. no. 1 12-13 '66.
- FILTERS AND FILTRATION**
Block of a filter with a stabilizer for pneumatic measuring systems. N. I. Brodskiy, Biol. tekhn.-eksp. inform. Gos. nauch.-issled. inst. nauch. i tekhn. inform. 19 no. 3 39-40 Mr '66.
- Capillary phenomena in filter paper. B. M. Shemshuk, D. I. Shilov. Trudy I-go MIM 17:238-240 '63.
- Draft of regulations for the operation of electrical systems of consumers. Electric gas purifying systems. Prom. energ. 21 no. 4 53-55 Ap '66.
- Experimental study of the processes of filtration of viscoplastic liquids through porous materials. N. V. Churakov, A. I. Ishchenko. Koll. zhur. 20 no. 2 302-307 Mh-Apr '66.
- Mow of kerosene with added lauric acid through quartz diaphragms of varying moisture. K. I. Tikhomirova, L. I. Shatashkina. Koll. zhur. 20 no. 2 383-280 Mh-Apr '66.
- Methods for determining the strength of metal ceramic filtering elements. I. A. A. Kaminskii, N. I. Agafonov. Zav. lab. 31 no. 7 875-877 '65.
- Piskarev, I. V. [Filter materials made from glass and synthetic fibers]. Fil'trovaniye materialy iz stekliannykh i khimicheskikh volokon. 2, izd. peror. i dop. Moskva, Legkii Industrii, 1965. 108 p.
- Removal of aluminum particles from the solutions of organoaluminum by means of filtration. A. M. TSirlin and others. Khim. prom. 42 no. 4 300-303 Ap '66.
- FINANCE**
(see also subdivision under Poland)
Business accounting under the new conditions. S. Tatar. V. Protopylov. Sov. profsoyuzy 22 no. 7 35-37 Ap '65.
- Great program of creative work. Fin. SSSR 40 no. 4 3-7 Ap '66.
- Improving the standard organization of management and staffing is a matter of great importance. A. Koravkin, B. Slovenik. Fin. SSSR 40 no. 4 15-19 Ap '66.
- In the Collegium of the Ministry of Finance of the U. S. S. R. Fin. SSSR 40 no. 4 95-96 Ap '66.

FINANCE (Continued)

Rogovskiy, S.E. [Financial planning in industrial enterprises] *Finansovoe planirovaniye na promyshlennyykh predpriyatiyakh*. Moskva, Finansty, 1966, 174 p.

Strengthen the business accounting of enterprises. V. Chalkin. *Bukh. uch. no. 1* 52-53 Ap '66.

FINCHES see subdivision under Maritime Territory

FINISHES AND FINISHING

Improve the quality and service life of the exterior finish of panel buildings. N.G. Kotsak, M.S. Shtim, Stroitel'stvo, 28 no. 4 20-22 Ap '66.

FINLAND—POLITICS AND GOVERNMENT

People and events. Finland's new government. *Akhtion Abte-Wold*. Nov. vsem. 23 no. 23 5, 19 Je '65.

FINLAY, CARLOS JUAN, 1833-1915

On the 50th anniversary of the death of Carlos J. Finlay y Baires. Cesar Rodrigo Exposito. *Zhur mikrobiol., epid. i immu.* 43 no. 3 156 Mr '66.

FINNISH STUDIES

The Second International Congress of the Students of the Finnish and Hungarian Languages and Folklore. Z.M. Dubrovina. *Vest LGU* 21 no. 8 159-160 '66.

FIR see subdivision under White Russia

FIRE DEPARTMENTS

(see also subdivision under Khabarovsk Territory, Yavov, L'vov Province)

Fire prevention and specialists. I. Nikolaev. *Pozh. delo no. 11* 10 N '65.

FIRE ENGINES

Engine-ladder truck. G. Trubnikov. *Pozh. delo no. 11* 24-25 N '65.

Truck-mounted pumps extinguish fire. V. Milanov. *Pozh. delo no. 11* 25 N '65.

FIRE ENGINES—MAINTENANCE AND REPAIR

Emulate the progressive workers. N. Viktorov. *Pozh. delo no. 3* 27 Mr '66.

Lengthen the service life of fire engines. IU. Kalinin. *Pozh. delo no. 11* 28-29 N '65.

FIRE EXTINCTION—CHEMICAL SYSTEMS

Competition of chemists. *Pozh. delo no. 11* 10-17 N '65.

FIRE EXTINCTION—SOCIETIES, ETC. see subdivision under Kuybyshev; Zhitomir Province

FIRE INVESTIGATION

(see also subdivision under White Russia)

In the course of a trial. A. Blagodatov. *Pozh. delo no. 11* 12 N '65.

FIRE PREVENTION

Following Lenin's path. *Pozh. delo no. 3* 1-2 Mi '66.

FIRE PREVENTION—INSPECTION

Fire prevention and specialists. I. Nikolaev. *Pozh. delo no. 11* 10 N '65.

FIRE PREVENTION—LAWS AND REGULATIONS

Changes which did not prove to be worthwhile. V. Ruminatev. *Pozh. delo no. 3* 27 Mi '66.

FIRE PREVENTION—RESEARCH see subdivision under Novosibirsk

FIRE-TESTING

Keramzit concrete box-blocks. V. Bushev. *Pozh. delo no. 11* 25 N '65.

New data on the fire hazards of some chemicals. V. Rolko, M. Chernysheva. *Pozh. delo no. 11* 31 N '65.

New data on the fire hazards of various substances. S. Taubkin, I. Egorov, V. Khromov. *Pozh. delo no. 3* 26 Mi '66.

Polymide resins. E. Malkina. *Pozh. delo no. 11* 31 N '65.

FIREARMS INDUSTRY see subdivision under Tula

FIREBOATS—EQUIPMENT AND SUPPLIES

Increased power of water jets. A. Spirin. *Pozh. delo no. 3* 23 Mr '66.

FISH, SALT—STORAGE

Changes in the composition of free amino acids during the aging of salted Caspian herring. A. A. Konnova. *Izv. vyz. ucheb. zav., pishch. tekhn.* no. 2 54-56 '66.

FISH CULTURE

Golubeva, Z.S., E. Z. Korobanov, and Z. P. Orlova. [Hydraulic engineering and melioration in fish culture] *Rybkhozhaystvennaya gidrotekhnika i melioratsiya*. Izd. 2, perer. i dop. Moskva, Pishchevaya promyshlennost', 1965, 329 p.

Russia (1923- U.S.S.R.). Ministerstvo rybnogo khoz-yaistva, khimicheskaya komissiya. [Commercial utilization of herbivorous fishes] *Rybkhozhaystvennoye osvoeniye rastitel'nojadykh ryb*. Moskva, Nauka, 1966, 134 p.

FISH CULTURE—CONGRESSES

Scientific conference on theoretical problems of fish culture. N. Z. Khusainova. *Izv. AN Kazakh SSR, Ser. biol. nauk* 2 no. 5 93-94 5-O '64.

FISH PROCESSING PLANTS see subdivision under Caspian Sea region

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES

Automatic control of the treatment of Caspian sprats with enzymes. V. V. Prokhorov, A. P. Chernogorov. *Izv. vyz. ucheb. zav., pishch. tekhn.* no. 2 110-112 '66.

FISHERIES

(see also subdivision under Alakai' Lakes, Kurile Islands)

Multipurpose use of reservoirs, hydraulic construction and problems in the fishery management of the U.S.S.R. A. B. Avakian. *Izv. AN SSSR, Ser. geog.* no. 2 26-37 Mi-Apr '66.

FISHERIES—ACCOUNTING see subdivision under Baltic Sea region

FISHERIES—EQUIPMENT AND SUPPLIES

Verheij, E. L., and S. I. Medvedsk. [Hoisting, conveying and fishing machinery and mechanisms] *Pod'omno-transportnye i rybopromyslovye mashiny i mekhanizmy*. Moskva, Pishchevaya promyshlennost', 1965, 391 p.

FISHERIES—MANAGEMENT see subdivision under Soviet Far East

FISHERMEN—NUTRITION

Energy expenditure and vitamin supply of the organism of workers employed on large refrigerator fishing trawlers operating in the waters of the North Atlantic. G. I. Bondarev and others. *Vop. pit.* 23 no. 3 22-26 My-Je '64.

FISHERY PRODUCTS

(see also subdivision under Latvia)

Proteolysis of the intestines of Caspian Basin fish and production of fish peptone. D. Kh. Nagaeva, A. P. Chernogorov. *Izv. vyz. ucheb. zav., pishch. tekhn.* no. 2 89-92 '66.

FISHES

(see also subdivision under Alakai' Lakes; Lena River)

Amino acid composition of the protein fractions of fish muscle juice. V. V. Bal', L. A. Mel'kova, V. I. Urv'eva. *Izv. vyz. ucheb. zav., pishch. tekhn.* no. 2 51-53 '66.

FISHES—BEHAVIOR

Group behavior and the role of imitation factors in school formation by fish. V. V. Gerasimov. *Vop. srav. fiziol. anal.* no. 2 82-92 '66.

FISHES—EGGS

Effect of increased temperature on the development of eggs in *Aristichthys nobilis* (Rich.) A. I. Sukhanova. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 1 85-87 '65.

Speed of the development of salmon (*Salmo salar* L.) eggs in 5°C and 10°C contaminated water. G. V. Neustroev, V. N. Podymatkin. *Radiobiologiya* 6 no. 2 321-323 '66.

FISHES—FOOD see subdivision under Alakai' Lakes

FISHES—PARASITES see Parasites—Fishes

FISHES—PHYSIOLOGY

Characteristics of the antibody formation function in fishes. V. I. Luk'yanenko. *Nauch. dokl. vyz. shkoly, biol. nauk* no. 2 25-27 '66.

Upper temperature threshold in year-old cod and pollack as related to the adaptation temperature. IU. V. Tat'yanin. *Dokl. AN SSSR* 167 no. 5 1159-1161 Ap '66.

FISHING—EQUIPMENT AND SUPPLIES

Simple electronic fishing rod. IU. Sverchkov. *Radio* no. 3 52-53 Mr '66.

FISHING BOATS—ELECTRIC EQUIPMENT

System of automatic compensation of the reactive capacity of a marine electric power plant. V. A. Hlasov and others. *Sudostroenie* 30 no. 6 32-34 Je '64.

FISHING BOATS—EQUIPMENT AND SUPPLIES

Ganf, L. A., and A. P. Gol'tsiker. [Automatic control on fishing boats] *Avtomatika na rybolovnykh sudakh*. Moskva, Pishchevaya promyshlennost', 1965, 191 p.

FISHPONDS

Current problems of planning for fishpond culture. V. Borovik. *Plan. khoz.* 43 no. 5 93-95 My '66.

FISTULA, INTESTINAL

Ulanovskiy, I. N. [Acute paraproctitis and fistulae of the rectum] *Hoisti paraproktity i fistuly pri tamoi kishki*. Kytv, Zdorov'ia, 1966, 104 p. (DNLN)

FLAME

Experimental study of the temperature field of a flame using an electric probe. S. B. Benlov, G. G. Riabov, IU. V. Tomilskova. *Trudy MIIT* no. 221 117-121 '66.

FLAME PHOTOMETRY

Extraction flame-photometric determination of calcium in halides of high-purity alkali metals. M. T. Slonenko and others. *Zhur. anal. khim.* 21 no. 3 261-266 '66.

Mutual influence of sodium and potassium during their determination in potassium salts by flame photometry. T. M. Ulanova, M. M. Pavluchenko. *Vest. AN BSSR, Ser. khim. nav.* no. 4 118-122 '65.

FLANGES

Universal die for flanging. B. A. Mazuravskiy, L. S. Pankova. *Kuz.-stlan. prozv.* 8 no. 3 16 Mr '66.

FLATULENCE

Use of epiploic novocaine block in acute lymphitis in cattle. V. G. Sal'mnikov. *Uch. zap. KVI* 92 39-41 '64.

FLAVONES

Flavone compounds of some types of Rumex. O. A. Bahrii, P. D. Kuyvenchuk. *Farmatsev. zhur.* 19 no. 5 61-67 '64.

Separation of the total of flavone substances from plants using paper chromatography. P. K. Denlev, A. A. Moschcharakov. *Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk* no. 2 68-72 '66.

FLAVONOIDS

Flavonoids of the lesser duckweed. O. I. Tykhonov, P. IE. Kuyvenchuk, V. I. Lytyynenko. *Farmatsev. zhur.* 20 no. 2 63-65 '65.

Isolation of flavonoids from the fruit and leaves of the horse chestnut. V. N. Spyridonov. *Farmatsev. zhur.* 19 no. 3 19-22 '64.

Isolation of the flavonoid total from motherwort *Leonurus quinquelobatus* and their chromatographic separation. Report No. 1 V. V. Petenko, I. Armatsev. *zhur.* 19 no. 3 72-74 '64.

Search for flavonoid-bearing plants in the flora of some regions of Kirghizistan and Kazakhstan. A. M. Zap'harov, K. I. Dorlaev. *Rast. res.* 2 no. 1 14-27 '66.

FLAX

(see subdivision under Adzharia; Novgorod Province; White Russia)

Use of sodium trichloroacetate against quack grass in fiber flax fields. N. G. Abramov, R. G. Koplelova. *Khim. v sel'. khoz.* no. 4 41-43 Ap '66.

FLAX—FERTILIZERS AND MANURES

Use of defluorinated phosphate and thermophosphate for fiber flax. K. S. Lisvin. *Khim. v sel'. khoz.* no. 4 22-23 Ap '66.

FLAX—VARIETIES

Exposition of flax and hemp in the Main Botanical Garden. T. S. Kantor. *Bull. Glav. bot. sadu* no. 60 88-93 '65.

FLAX INDUSTRY

Good example of leading flax growers. *Zakup. sel'khoz. prod.* no. 3 30-31 Mi '66.

FLEAS

(see also subdivision under Shilka Valley, Chita Province)

Flea exchange between gerbils and jerboas. A. S. Sablavov. *Zool. zhur.* 45 no. 2 312-313 '66.

Metamorphosis of the flea *Xenopsylla skrjabini* Joff, 1928, in relation to temperature and humidity. N. G. Gerastova. *Zool. zhur.* 45 no. 3 400-405 '66.

FLEXURE

Bending of flat welded overlapping joints. B. B. Zolotarev, V. M. Sagalovich. *Mat. po met. konstr.* no. 10 70-83 '65.

FLIES see subdivision under Pamirs

FLIES—EXTERMINATION

Species characteristics of the sensitivity of synanthropic flies to dipterex as related to temperature. N. A. Tamara. *Nauch. dokl. vyz. shkoly, biol. nauk* no. 7 21-24 '66.

FLIES AS CARRIERS OF DISEASE see subdivision under Ivanovo Province

FLIGHT ENGINEERING

Cybernetics and the operation of aviation equipment. V. N. Shilo. *Vest. protivovozd. obor.* no. 4 55-59 Ap '66.

Instrumental control. L. M. Shevaynskiy. *Vest. protivovozd. obor.* no. 4 80-82 Ap '65.

FLUID MECHANICS
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Coefficients of heat transfer in a fluidized bed at a variable flow rate of the circulating current. M. I. Verbitskiy, A. A. Gusev. *Inzh.-fiz. zhurn.* 10 no. 2 164-168 F '66.

Flow of liquid polymers. V. N. Pokrovskiy. *Inzh.-fiz. zhurn.* 10 no. 3 337-340 Mr '66.

Fracturation into drops of a emulsion cylindrical jet in a dense medium. V. I. Smirnov, V. M. Bakhturov. *Izv. vuzov, khim.* 9 no. 4 55-60 Ap '66.

Hydraulic resistance during surface boiling under conditions of forced motion of a liquid. A. P. Ornat'skiy, L. F. Gushchenko. *Teploenergetika* 13 no. 1 63-66 Ap '66.

Law of the change of momentum of fluid flow and basic dynamic equations of the theory of flow. A. K. Kolesovskaya. *Izv. vuzov, khim. i. neftekhim.* 8 no. 8 75-79 '65.

Unsteady hydraulic calculation of pipelines for gas-liquid mixtures. G. G. Kozlov, V. I. Chernikhin. *Transportation and engineering* 10 no. 3 3-6 '66.

Motion of particles in a cyclone chamber. V. A. Emel'manov, A. D. Khuchimov. *Izv. vuzov, khim. i. neftekhim.* 9 no. 4 49-54 Ap '66.

Resistance factor of particles moving in a medium. *Teploenergetika* 13 no. 4 93 Ap '66.

FLUID MECHANICS
 Unsteady interaction of blunt bodies with a shock wave. I. E. Bogoslovskiy. *Dokl. AN SSSR* 167 no. 5 1019-1022 Ap '66.

FLUID MECHANICS--CONGRESSES
 11th Union Conference on the Mechanics of Liquids and Gases. G. I. U. Stepanov. *Izv. AN SSSR, Mekh. i. fiz.* 1 no. 1 170-184 Ja-F '66.

FLUIDIZATION
 Activity of aluminum-cobalt-molybden catalysts during hydrogenation in a fluidized bed. A. A. Kichko, A. V. Lazo, O. D. V. Skvortsov. *Khim. i. tekhn. topl. i. masel* 10 no. 4 6-9 Ap '65.

Conversion of natural gas in a fluidized bed of a catalyst. I. P. Mukhinov, V. M. Teslenko, B. N. Shekun. *Zhur. prikl. khim.* 39 no. 1 40-45 Ja '66.

Heat transfer between a fluidized bed and a cylindrical surface immersed into it, at low pressure. I. A. P. Shlapkova. *Inzh.-fiz. zhurn.* 10 no. 3 318-320 Mr '66.

Kinetics of catalytic cracking in the fluidized bed of catalysts. G. M. Panchenko, and others. *Khim. i. tekhn. topl. i. masel* 10 no. 11 1-15 Ap '65.

Moving of gas phase in a fluidized bed. S. E. Lihandev and others. *Khim. i. tekhn. topl. i. masel* 11 no. 3 21-25 Mr '66.

Moving of the gas phase in a fluidized bed. S. E. Lihandev and others. *Khim. i. tekhn. topl. i. masel* 11 no. 3 21-25 Mr '66.

Preparation of granulated potassium metaphosphate in apparatus with a fluidized bed. S. I. Volkovich and others. *Zhur. prikl. khim.* 39 no. 1 3-7 Ja '66.

Studying the processes in the fluidized bed of wood particles. A. P. Kobyl'skiy. *Dokl. prom.* 15 no. 4 13-14 Ap '66.

FLUIDIZATION--HYDRODYNAMICS
 Generalized criterion equation of the hydrodynamics of a fluidized bed. Report No. 2. M. S. Iul'ia, G. P. Grigor'ev, P. V. Varentsov. *Trudy LITISBP* no. 18 108-113 '65.

FLUOBERYLLATES
 Phase diagram of the system NaBeF₃ - NaPO₃. M. E. Levin, B. S. Shershev. *Ukr. khim. zhurn.* 32 no. 3 253-255 '66.

FLUORENE
 Carbonyl derivatives of the fluorene series. Part 3: 2-chlorofluorenyl-7-glyoxal and 2-chlorofluorenyl-7-glyoxal. G. A. Uretskaya, A. A. Druzhinina, M. I. Kriaf. *Zhur. org. khim.* 2 no. 2 295-297 F '66.

FLUORESCENCE
 Excitation of X-ray fluorescence in the long-wave region. N. F. Losev, V. P. Afonin, A. G. Revenko. *Zav. lab.* 32 no. 4 418-422 '66.

Fluorescence spectra of high-molecular aromatic compounds of Noric petroleum. M. K. Chaikvian, O. A. Ushakov. *Tekhn. i. inst. khim. AN Gruz. SSR* 17 85-102 '64.

Method of graphic detection of hypothyroid standards in X-ray spectral fluorescent analysis. V. P. Bykov, I. V. Sorokin. *Zav. lab.* 32 no. 4 422-423 '66.

FLUORESCENCE MICROSCOPY
 Fluorescence microscopy in the diagnosis of leishmaniasis. V. N. Novikova, I. V. Purtova. *Zhur. mikrobiol., epid. i. immun.* 43 no. 3 152-153 Mr '66.

Luminescence analysis of the tissue reaction to hexachlor poisoning of the caterpillars of *Agrotis segetum* Schiff. I. Kh. Makudov, V. L. Aleksandrova. *Urb. biol. zhurn.* 10 no. 1 13-15 '66.

FLUORESCENT ANTIBODY TECHNIQUE
 Accelerated method for determining the ability of fluorescein isothiocyanate to combine with the antibodies of immune serum. K. F. Busygin, Uch. zap. KVI 90 137-139 '64.

Determining the foot-and-mouth disease virus in the method of fluorescent antibodies. D. Sh. Alibekov. *Uch. zap. KVI* 90 136-138 '64.

Evaluation of the sensitivity and specificity of the fluorescent method of laboratory diagnosis of enteric infection in children using adsorbed sera. I. S. Il'inskiy, Zhur. mikrobiol., epid. i. immun. 43 no. 4 79-81 Mr '66.

Sensitivity and use of the method of fluorescent antibodies for controlling the immunization of animals with tetanus bacille and related products. K. F. Busygin. *Uch. zap. KVI* 90 110-111 '64.

Use of fluorescent antibodies for detecting bacteria in the soil. O. A. Ignatyeva. *Uch. zap. KVI* 90 111-112 '64.

Use of fluorescent antibodies for detecting bacteria in water and in the organs of animals. O. A. Ignatyeva. *Uch. zap. KVI* 90 129-131 '64.

Use of the immunofluorescence method for detecting the foot-and-mouth disease virus in tissue cultures. I. A. Shil'shina. *Uch. zap. KVI* 90 228-231 '64.

FLUORIDES
 System Li⁺, Ca²⁺, Y³⁺ || F⁻. G. A. Bekhturova, E. P. Babayeva. *Zhur. neorg. khim.* 11 no. 2 492-495 F '66.

FLUORINE
 Fluorine in oceanic salty waters and sediments. O. V. Shishkina. *Geokhimiya* no. 2 236-243 F '66.

FLUORINE--ANALYSIS
 Differential photocalorimetry in determination of fluorine in welding fluxes. A. A. Minin, G. A. Barmina, I. P. Filippova. *Zav. lab.* 32 no. 4 413-414 '66.

FLUOROGRAPHY
 Attachment of a large-photograph fluorograph to the apparatus for photography of the human skull. V. G. Polozhakov. *Voen. med. zhurn.* no. 1 80 Ap '65.

FLUOROMETER
 The FO-1 fluorometer. D. P. Shterbov, R. N. Ilyukhin, A. M. A. Kaplitskiy. *Zav. lab.* 32 no. 4 485-487 '66.

FLUOROPLAST
 Chromatographic determination of trifluoroethylene in tetrafluoroethylene. A. I. Gaidukov and others. *Zav. lab.* 32 no. 3 289-290 '66.

Metallic polymer materials based on secondary fluoroplast-4. P. A. Severin. *Mashinostroenie* no. 5 41-43 '66.

Use of shaping dies with fluoroplast lining. A. I. Ilyukhin, K. I. Kozlov. *Dokl. prom.* 15 no. 4 40-41 Ap '66.

FLUORSPAR see subdivision under Azov Sea Region, Donets Basin

FLUORSPAR--PHYSIOLOGICAL EFFECT
 Problems of industrial hygiene of fluorite mines in connection with the incidence of pneumoconiosis. I. A. A. Apel', *Nek. vop. khim. i. kraev. pat.* no. 4 70-71 '65.

FLUX (METALLURGY)
 Differential photocalorimetric determination of fluorine in welding fluxes. A. A. Minin, G. A. Barmina, I. P. Filippova. *Zav. lab.* 32 no. 4 413-414 '66.

Repeated use of waste water in the flux manufacturing industry. I. U. A. Khalilovich, V. I. Tarasenko. *Vod. i. san. tekhn.* no. 8 33-35 My '65.

FLYSCH see subdivision under Racha Range; Ushakov Valley

FOAM
 Defoamer from synthetic higher aliphatic alcohols. I. I. Skladskaya, U. L. Skladskaya. *Neftekhim.* 53 no. 1 65-66 J1 '65.

Performance of gas anchors in foam for sealing wells. V. I. Troitskiy, V. V. Sazonov, A. L. Negrambekov. *Neftekhim.* 43 no. 7 48-52 J1 '65.

Using foam for drilling cement plugs. I. M. Mordukhai-Nefteprom deto. no. 4 18-20 '66.

FOAM RUBBER
 New active light color fillers for porous rubber. A. P. Zaitseva, E. A. Safra, I. U. Mikhustin. *Nauch.-issled. trudy VNIIPIK* no. 16 38-44 '64.

Studying the possibilities of manufacturing porous sole rubber with various blowing agents. B. N. Dzhurav, B. A. Safra, *Nauch.-issled. trudy VNIIPIK* no. 16 30-38 '64.

FOAM RUBBER--WELDING
 Electric welding of "porolon." D. L. Naumov. *Dokl. prom.* 15 no. 4 28 Ap '66.

FOAMED MATERIALS--TESTING
 Automated machine for studying the viscoelastic properties of elastic foam plastics. I. U. N. Polozhakov. *Zav. lab.* 31 no. 0 757-759 '66.

FOAMING
 Liquid leakage in a foam apparatus with overflow. M. I. Pozin, E. I. A. Tarai, L. Mordukhai. *Zhur. prikl. khim.* 39 no. 2 310-319 F '66.

FOG see subdivision under Chu Valley

FOG-SIGNALS

Electronic automatic fog signals devices using gas-discharge lamps S. S. Bulgak. Inform. sbor. TSNIMF no. 142 Teyh. eksp. moi. flota no. 39 33-61 '65.

FOLDS (GEOLOGY)

(see also subdivision under Balkhan Range, Crimean Mountains, Europe; Krivoy Rog Basin; Turkmenistan; Ural Mountain region; Uzbekistan)

Cyclic geotectonic (metallogenic) development of fold areas. V. S. Domarev. Vest LGU 18 no. 21:5-11 '63

FOLIAR FEEDING

Effect of foliar feeding on the yield of apples. A. L. Eronova. Effek udob v ust Mold. no. 4:127-132 '65

Effect of superphosphate foliar feeding on the accumulation of oil in soybean seeds. L. F. Belikov, R. A. Burtseva. Agrokholia no. 4 15-17 Ap '66.

FOLIC ACID

Discovery of the aminopterin-resistant enzymatic way of reduction of folic acid to a coenzyme for in plants. N. A. Andreev, R. I. Fil'mova. Dokl. AN SSSR 167 no. 4 931-934 Ap '66.

Folic acid metabolism and its significance in cell proliferation. V. S. Baranov. Usp. sovr. biol. 61 no. 2:173-185 Mi-Apr '66.

Natural forms and the mechanism of action of folic acid in the participation of vitamin B12. A. V. Tufanov. Vop. med. khim. 11 no. 3:3-10 My-Je '65.

Vitamin B12 in the synthesis of active folic acid for man. L. A. Arshikina, I. P. Skorobogonova, L. S. Kutseva. Dokl. AN SSSR 167 no. 4:935-936 Ap '66.

FOLIC ACID—PHYSIOLOGICAL EFFECT

Effect of folic acid and aminopterin on the contractile function of the cardiac muscle in its compensatory hyperfunction. I. Z. Merzon, V. V. Dragachev. Pat. fiziol. i eksp. terap. 10 no. 1:51-56 Ja-J '66

FOLK ART

(see subdivision under Lithuania, Palekh, Ivanovo Province)

Gobormen, D. N. [The Ilven region, land of art] Hutsul'shchyna - kraj iskusstva. Leningrad, Iskusstvo, 1966, 88 p. illus.

FOLK MEDICINE see subdivision under Russia, Norilsk

FOLK SONGS, HUNGARIAN—HISTORY AND CRITICISM

Bartók, Béla. [Folk music of Hungary and neighboring peoples. Translated from the Hungarian] Narodna muzika Vengrii i sosednikh narodov. Moskva, Muzyka, 1966, 78 p.

FOLK SONGS, LITHUANIAN

Kristonas, D. [Lithuanian military and historical folk songs; the epoch of feudalism] Lietuvi laudies karinės-istorinės dainos, feodalinio epocha. Vilnius, Vaga, 1965, 285 p. [In Lithuanian]

FOLK SONGS, ROMANIAN—HISTORY AND CRITICISM

Bartók, Béla. [Folk music of Hungary and neighboring peoples. Translated from the Hungarian] Narodna muzika Vengrii i sosednikh narodov. Moskva, Muzyka, 1966, 78 p.

FOLK SONGS, RUSSIAN—HISTORY AND CRITICISM

Popova, T. V. [Song of our days; the modern Russian folk song] O pesne nashikh dnei; sovremennaya russkaya narodnaya pesnia. Moskva, Znanie, 1966, 80 p. (Narodnyi universitet: Fakul'tet literatury i iskusstva, no. 4)

FOLK SONGS, SLAVIC—HISTORY AND CRITICISM

Bartók, Béla. [Folk music of Hungary and neighboring peoples. Translated from the Hungarian] Narodna muzika Vengrii i sosednikh narodov. Moskva, Muzyka, 1966, 78 p.

FOLKLORE

Folklore; history of the term and its present-day meaning. V. E. Gusev. Sov. etn. no. 2:3-21 Mi-Apr '66.

FOLKLORE—BIBLIOGRAPHY see Bibliography—Folklore

FOLKLORE, ARMENIAN

Dzhindji, Adzhie. [Reflection of the friendship of the Armenian and Kurdish peoples in folklore] Otrazhenie druzhby armen'skogo i kurde'skogo narodov v fol'klore. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1965, 157 p. [In Armenian]

FOLKLORE, KURDI

Dzhindji, Adzhie. [Reflection of the friendship of the Armenian and Kurdish peoples in folklore] Otrazhenie druzhby armen'skogo i kurde'skogo narodov v fol'klore. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1965, 157 p. [In Armenian]

FOMINA, VARVARA ALEKSANDROVNA

An outstanding designer. E. Dubov. Avtom. i telet. svyaz' 10 no. 3:22 Mr '66

FOOD

Alimentary leukocyte reactions and the type of higher nervous activity. S. L. Vovk. Fiziol. zhur. [Ukr.] 12 no. 2:185-193 '66

FOOD—ANALYSIS

All-Union Symposium on the Methods of Determining Organophosphorus Compounds and DDT in Foodstuffs. N. V. Orlov, G. P. Vasilina. Vop. pit. 23 no. 3:88-91 My-Je '64

Kun'ko, V. I. [Gas chromatographic analysis of food products] Gazokhromatograficheskiy analiz pishchevykh produktov. Moskva, Pishchevaya promyshlennost', 1965, 235 p.

FOOD—COMPOSITION

Further observations of the content of some microelements in vegetable food products. L. I. Los', L. A. Matin'skaya, A. S. Samsonova. Vop. pit. 25 no. 2:81-85 Mi-Apr '66

Crullina content in some food products. E. S. Belozzerov. Vop. pit. 25 no. 2:85-86 Mi-Apr '66.

Iodine, copper, and manganese content in food products and in diets of some districts of Kuybyshev Province, endemic to goiter. A. V. Tsvetkovskaya. Vop. pit. 25 no. 2:87-89 Mi-Apr '66.

FOOD—TRANSPORTATION

Using average rates in the transportation of food products. E. Trishnevskii. Avt. transp. 10 no. 4:46-47 Ap '66.

FOOD ADDITIVES

Effect of C-vitamin enriched food on the human organism exposed to occupational hazards (in the presence of strong acoustic excitations). A. M. Murgolla, G. D. Baganova. Vop. pit. 25 no. 2:31-38 Mr-Apr '66.

FOOD ADULTERATION AND INSPECTION see subdivision under Krasnodar Territory

FOOD CONTAMINATION

Gasein in the field of the hygiene of nutrition in the light of the decision of the December 1963 Plenum of the Central Committee of the CPSU. P. D. Lushchenco. Vop. pit. 23 no. 3:1-6 My-Je '64

FOOD INDUSTRY

(see also subdivision under Bulgaria)

Development of the industry processing agricultural raw materials. A. Borodin. Zakup, sel'khoz. prod. no. 3 7-11 Mr '66.

Paikhod'ko, A. P., B. T. Millrud, and E. I. Obushinskii. [Credits of the State Bank and their use in the food industry] Kreditny Gosbank i ikh ispol'zovanie v pishchevot promyshlennosti. Moskva, Pishchevaya promyshlennost', 1964, 166 p. (Ekonomika i organizatsiya pishchevot promyshlennosti) (WU)

Put into practice the resolutions of the 23d Congress of the CPSU. S. I. Brovkin. Khleb i kond. prom. 10 no. 4: 2-3 Ap '65

FOOD INDUSTRY—COSTS

Indirect expenditures and their effect on profitability. D. Landin. Bu'zhg. uch. no. 4:47-49 Ap '66.

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES

[Equipment of the food industry] Ref. zhur. i Obor. pishch. prom. nos. 3-4 Mi-Apr '66.

FOOD INDUSTRY—MANAGEMENT see subdivision under Brest, Tula Province

FOOD INDUSTRY—PRODUCTION CONTROL

Organization of production control. G. I. Ipatova, A. G. Budanova. Khleb. i kond. prom. 10 no. 4:20-29 Ap '66.

FOOD MACHINERY

Feed systems of adhesion granulators for free flowing substances. P. A. Vecherskii. Izv. vyz. uch. zav. pishch. tekhn. no. 2:105-108 '66.

Effect of certain food media on the wear of metals. G. A. Preis. Fiz.-khim. mekh. mat. 2 no. 1:94-97 '66.

Use of shaping dies with fluoroplast lining. A. I. Epifanov. Khleb. i kond. prom. 10 no. 4:40-41 Ap '66.

FOOD POISONING

Food poisoning caused by Clostridium perfringens. G. I. Sidorenko, I. U. Pivovarov. Vop. pit. 25 no. 1:81-83 Ja-F '66.

Group outbreak of food poisoning caused by Salmonella anatum. I. A. Puzevskii, R. M. Burak, Z. F. Tikhonova. Zhur. mikrobiol., epid. i immun. 43 no. 3:150 Mr '66.

Investigation of a food intoxication caused by Salmonella newport in association with Bacillus proteus mirabilis. V. E. Shneiderman, I. E. Gol'dberg, I. S. Oleinikov. Vop. pit. 23 no. 3:67-71 My-Je '64

FOOD RESEARCH

Consultations. Vop. pit. 25 no. 2:92-93 Mr-Apr '66. Lists of defended dissertations. Izv. vyz. uch. zav. pishch. tekhn. no. 2:61, 109 '66.

FOOD SERVICE see subdivision under Krasnodar Territory

FOOT—ULCERS

Implantation of the saphenous nerve and the tibial nerve as a method for the treatment of trophic ulcer of the foot following traumatic lesions of the sciatic nerve. R. Z. Zaitsev. Vop. neirokhim. no. 3:57-58 '65

FOOT-AND-MOUTH DISEASE

(see also subdivision under Tatar A. S. S. R.)

Change in the blood proteins of swine with foot-and-mouth disease in the dynamics of the infection process. G. G. Nutley. Uch. zap. KVI 93 111-114 '64

Foot-and-mouth disease of farm animals. I. Prokof'ev. Tyi i snab. Sov. Voor. Sili 26 no. 3:59-60 Mi '66.

FOOT-AND-MOUTH DISEASE—MICROBIOLOGY

Determining the foot-and-mouth disease virus by the method of fluorescent antibodies. D. Sh. Akhmerov. Uch. zap. KVI 93 126-128 '64

Reactive changes in some cells of the organism of animals under the effect of the foot-and-mouth disease virus. B. M. Triapkin, N. A. Krylova, G. S. Titova. Uch. zap. KVI 93:255-262 '64.

Studying the cytopathogenic action of the foot-and-mouth disease virus on the cellular level and using electrophysiological techniques. N. A. Krylova. Uch. zap. KVI 93:251-255 '64.

Use of the immunofluorescence method for detecting the foot-and-mouth disease virus in tissue cultures. A. A. Shishikina. Uch. zap. KVI 93 228-234 '64

FOOT-AND-MOUTH DISEASE—PREVENTIVE INOCULATION

Cases of mass complications in calves inoculated with the blood of cows recovered from foot-and-mouth disease. V. G. Bushkov, F. M. Khakimova, A. I. Andreev. Uch. zap. KVI 92 186-194 '64.

Preparation and use of the blood of animals recovering from foot-and-mouth disease. T. L. Malakhova and others. Veterinaria 42 no. 3:40-42 Mr '66.

FOOTPRINTS, FOSSIL

Reticulate structures similar to the structures produced by tadpoles. O. S. Viatov. Geol. zhur. 23 no. 6:63-68 '63.

FORAGE PLANTS

Third Symposium on New Silage Plants. P. P. Vasilov, V. S. Sokolov, K. A. Molisev. Rast. res. 2 no. 1:142-144 '66.

FORAGE PLANTS—FERTILIZERS AND MANURES see subdivision under Moldavia

FORAGE PLANTS—HARVESTING

Machines for harvesting forage crops for silage and corn for grain. P. T. Kolesnikov, A. P. Sobolev. Trakt. i sel'khoz. mash. no. 5 28-29 My '66.

FORAMINIFERA, FOSSIL see subdivision under Black Sea region; Carpathian Mountains; Kamchatka; Kopetdag, Perm Province, Transcarpathia

FORCING (PLANTS)

Winter forcing of tulips. E. N. Zaitseva. Bul. Glav. bot. sada no. 60 81-87 '65.

FOREIGN EXCHANGE

Brief information on foreign exchange and banks abroad. Den. i kred. 24 no. 4:84-87 Ap '66.

FOREIGN EXCHANGE—LAW

Decision No. 4 of the Plenum of the Supreme Court of the U. S. S. R. of April 9, 1965, amending Par. 5 of Decision No. 5 of the Plenum of the Supreme Court of the U. S. S. R. of September 12, 1961, entitled "Method of implementing by courts of the decrees of the Presidium of the Supreme Soviet of the U. S. S. R. of May 5, 1961, known as 'Intensification of the struggle against especially dangerous crimes,' and of July 1, 1961, known as 'Increased criminal liability for offenses against foreign exchange regulations'" Bul. Verkh. Suda no. 3 13-14 '65.

FOREIGN EXCHANGE PROBLEM

(see also subdivision under Latin America)

Dollars or gold? V. D'lasov. Nauch. dokl. vyz. shkoly; ekon. nauki 9 no. 2:55-65 '66

FOREIGN TOURISTS see Tourists, Foreign

FOREMEN see subdivision under Kolpino (Leningrad Province)

FORENSIC CHEMISTRY see Chemistry, Forensic

FOREST ECOLOGY

(see also subdivision under Daghestan)

Akademiya nauk SSSR. Laboratoriya lesovedeniya. [Effect of excessive soil moisture on the productivity of forests] Vliyaniye izbytochnogo vlazhnosti pochvy na produktivnost' lesov. Moskva, Nauka, 1966, 153 p.

1610

FRANCE—LABOR AND LABORING CLASSES

Two encounters with working France. G. Diligentskii. Nov. vsem. 23 no. 20 14-16 My '69

FRANCE—RELATIONS (GENERAL) WITH RUSSIA

Friendship between petroleum and chemical industry workers of the Soviet Union and France is being strengthened. V. Makl'skii. Neftdank 11 no. 3 31-33 Mi '66

FRANKO, IVAN, 1856-1916

[Homin Ukrainy; the almanac of "Homin Ukrainy" for 1966 on the 50th anniversary of the death of Ivan Franko, the illustrious son of the Ukraine, 1916-1966] Homin Ukrainy, al'manakh "Homonu Ukrainy" na rik 1966 u 50-riechchia smerty volykyho syna Ukrainy Ivana Franka, 1916-1966. Toronto, Nakladom vyd-va "Homin Ukrainy," [n.d.] 190 p. (Biblioteka vyd-va "Homin Ukrainy," no. 28)

FREE CHOICE AND EMPLOYMENT

Freedom of choice of occupation as a prerequisite and method of manifestation of personal liberty. L. A. Margolina. Nauch. dokl. vys. shkoly, filos. nauki 9 no. 2 34-42 '66

FREE ELECTRON THEORY OF METALS

Studying electron transfer and diffusion in the system Indium - antimony. IU. P. Konnov, I. A. Magidson. Sbiv. Inst. atail i spliv no. 31:299-302 '66

FREIBERG (EAST GERMANY)—MINING ENGINEERING—STUDY AND TEACHING

200th anniversary of the Mining Academy in Freiberg (Democratic Republic of Germany). D. P. Grigoriyev, I. I. Shafranovskii. Zap. Vses. min. ob-va 94 no. 3:313-317 '65

FREIGHT AND FREIGHTAGE see subdivision under Kuznetsk Basin

FRENCH NEWSPAPERS see subdivision under Algeria

FREONS

Equation of state of Freon-22-dibutyl phthalate. V. M. Seliverov. Izv. vys. ucheb. zav. energ. 9 no. 4:113-116 Ap '66

Studying the heat transfer during the boiling of Freon-12 and Freon-22 mixtures. O. P. Ivanov. Khol. tekhn. 43 27-29 Ap '66

FREQUENCY CHANGERS

Calculation of the parameters of a frequency divider with a given transient mode of operation. A. F. Karmukhov, A. P. Miliutin, IU. V. Temliakov. Trudy MIT no. 221:10-24 '66

Derivation of a frequency shift using a traveling-wave tube. R. N. Bondarenko, G. I. Gladyshev. Izv. vys. ucheb. zav., radioelektr. 9 no. 1:146-148 Ja-F '66

FREQUENCY MEASUREMENTS

Measurement of the duration of impulses using electronic counter-type frequency meters. L. A. Stukman. Vest. vuzov 26 no. 2:16-17 F '66

FREQUENCY REGULATION

Effect of noise on the accuracy of an automatic phase frequency control system. V. V. Shakhgildian, IU. F. Ignalov. Elektrivost' 20 no. 3:42-46 Mr '66

Filtering capability of an automatic phase frequency control system. B. I. Shkhatarin. Elektrivost' 20 no. 4 25-31 Ap '66

Principal statistical characteristics of a synchronization channel. V. I. Tikhonov. Elektrivost' 20 no. 4:32-41 Ap '66

FRESHWATER

Using electric prospecting for revealing karst and studying the distribution of fresh waters. G. N. Nazarov. Rozved. i okh. nedr 31 no. 3:55-57 Mr '65

FRESHWATER BIOLOGY see subdivision under Maykh Valley

FRICTION

Akademiya nauk SSSR. Nauchnyi sovet po trenii i smazochnym materialam. [New developments in friction theory] Novye v teorii trenii. Moskva, Nauka, 1966. 103 p.

Determining the coefficient of friction during the motion of a drill pipe in a slant well. M. P. Gulzade and others. Izv. vys. ucheb. zav.; nef' i gaz 8 no. 9:18-17 '65

Studying processes by dry friction of certain ceramic metal materials with high rates of sliding. M. E. Belitskii, B. I. Kostetskii. Fiz. - khim. mekh. mat. 2 no. 1:67-71 '66

Thermocouples for studying friction pairs. A. V. Chichinadze, F. D. Braun, A. G. Abakumkin. Zav. lab. 31 no. 6:753-755 '65

FRICTION MATERIALS

Developing and studying ceramic metal friction alloys for shock absorbers. B. G. Koglin, V. P. Migunov, N. G. Shadskala. Porosh. met. 6 no. 4:39-33 Ap '66

Interaction between materials and lubricants during the friction process. A. IA Artamonov, E. T. Maizykin. Fiz. - khim. mekh. mat. 2 no. 1:81-88 '66

FRICTION MATERIALS—TESTING

Principal directions of the study of the wear resistance and the use of antifriction ceramic metal materials. D. A. Dalgov. Fiz. - khim. mekh. mat. 2 no. 1:61-63 '66

Studying iron-base ceramic metal antifriction materials. Sh. I. Pregel'zon, V. S. Kovnatskii, V. A. Genkin. Fiz. - khim. mekh. mat. 2 no. 1:72-77 '66

FRICTIONAL RESISTANCE (HYDRODYNAMICS)

Heat transfer and hydraulic resistance in the viscous gravity flow of water in a horizontal tube at $q_{gr} = \text{const}$. A. I. Mikhailov, E. K. Khatulin, S. A. Iakho. Inzh. fiz. zhur. 10 no. 2:158-163 F '66

Reducing the hydrodynamic resistance of pipelines. I. T. El'perin, B. M. Smol'skii, L. I. Levental'. Inzh. - fiz. zhur. 10 no. 2:235-239 F '66

FROGS see subdivision under Yakutia

FRONTS (METEOROLOGY) see subdivision under Kazakhstan; Soviet Central Asia

FROST PROTECTION

Improvement of the technique of winter cover for protecting citrus plants from frost. A. I. Todua. Subtrop. kul't. no. 4:31-52 '65

FROZEN FRUIT see Fruit, Frozen

FROZEN GROUND

(see also subdivision under Siberia, Western)

Dalmatov, B. I., and V. S. Lastochkin. [Artificial salinization of soil in construction] Ispytaniya zasoletykh gruntov v stroitel'stve. Leningrad, Stroiizdat, 1966. 132 p.

Formation of perennially frozen rocks in shallow river arms. IU. Bogdanets. Rechn. transp. 24 no. 9:5 '65

Temperature distribution in a gas flow through the hole of wells operating in permafrost regions. IU. I. Makogon, B. V. Deglinov. Gaz. delo no. 3 10-13 '65

Moscow. Nauchno-issledovatel'skii institut osnovanii i podzemnykh sooruzhenii. [Method of determining the characteristics of the deep, lasting strength, and compressibility of frozen soil] Metodika opredeleniia kharakteristik poluzuchestli, ditel'noi prochnosti i szhimachnosti nerzilykh gruntov. [By] S. S. Viatov i dr. Moskva, Nauka, 1966. 131 p.

Nedozorov, I. A., and others. [Cutting and percussive breaking of soil] Rezanie i udarnoe razrushenie gruntov. Pod red. G. N. Pokrovskogo. Novosibirsk, Izd-vo "Nauka" Sibirskego otd-ila, 1965. 132 p.

FROZEN GROUND—ELECTRIC PROPERTIES

Electric properties of frozen ground. A. M. Varshavskii, A. V. Vlasov, L. P. Avramenko. Fiz. - tekhn. probl. razv. i okh. pol. iskop. no. 6 114-118 '65

FRUIT

Effect of rejuvenating pruning of peach on the growth of fruit and the accumulation of dry substances and organic acids in it. V. T. Koval', G. V. Tkachenko. Nauch. dokl. vys. shkoly; biol. nauki no. 2:160-163 '66

FRUIT—DISEASES AND PESTS see subdivision under Moldova

FRUIT—TRANSPORTATION

Efficiency of long-distance automotive transportation of fruits. A. I. Arot'skii. Avt. transp. 44 no. 3:34-36 Mi '66

FRUIT, CANNED—STERILIZATION

Calculating the heating of fruit. V. I. Perepeka. Izv. vys. ucheb. zav., pishch. tekhn. no. 2:160-163 '66

FRUIT, DRIED—STANDARDS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po pishchevui promyshlennosti. [Dried fruit; collection of inter-republic technical specifications] Fruity sushe-nyye; sbornik mezhrespublikanskikh tekhnicheskikh uslovii. Moskva, Izd-vo Standartov, 1965. 59 p.

FRUIT, FROZEN

New high-quality semiprocessed fruit and berry products for ice cream manufacture. M. M. Myskin and others. Khol. tekhn. 43 no. 4:12-13 Ap '66

FRUIT CULTURE

Use of dalapon in vineyards and orchards. L. M. Fukel'man, M. N. Klueva. Khim. v sel', khoz. no. 4:36-40 Ap '66

FRUIT CULTURE—EQUIPMENT AND SUPPLIES

Machines for the mechanization of work in orchards and vineyards. P. M. Komissarov. Trakt. i sel'khozmash. no. 5:24-26 My '66

FRUIT JUICES

Stinanova, L. S., and L. A. Zhdanova. [Use of cytolitic and peptolytic enzymes in the production of fruit and berry juices] Pimeneniye tsitoliticheskikh fermentov v proizvodstve plodovagodykh sokov. Moskva, Tsentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1965. 10 p. [MICROFILM]

FRUIT TRADE see subdivision under Uzbekistan

FRUIT TREES

Irradiation of fruit trees. I. V. Dragina. Vest. Mosk. un. Ser. 6 Biol., pochv. 21 no. 1 16-60 Ja-F '66

Multiple flowering of fruit plants in the light of the theory of the phasic development of plants. V. L. Vilkovskii. Vest. sel'k. hoz. nauki 10 no. 3:99-105 Mi '65

FRUIT TREES—FERTILIZERS AND MANURES

Effectiveness of using fertilizers in a fruit-bearing orchard. V. V. Moigul'. Khim. v sel', khoz. no. 4:70-71 Ap '66

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925

M. V. Frunze's military activity in the Ukraine. D. D. Pykha. Ukr. ist zhur. 9 no. 2 120-123 F '65

FRUNZE—PLANT INTRODUCTION

Some results of the introduction of European trees and shrubs in Frunze. N. V. Lysova. Bull. Glav. bot. sada no. 60:3-9 '65

FRUNZE—WOODY PLANTS

Some results of the introduction of European trees and shrubs in Frunze. N. V. Lysova. Bull. Glav. bot. sada no. 60:3-9 '65

FRYING—EQUIPMENT AND SUPPLIES

Convex or-type deep-fat fryer for pishchik. M. V. Vologodov. Mias ind. SSSR 37 no. 2:26-30 '66

Mechanization of the production of deep-fat fried pishchiki. A. T. Sain. Mias ind. SSSR 37 no. 2:30-32 '66

FUEL

Petroleum and power resources of the world. S. M. Lishchik. Neft' khoz. 13 no. 7 1-7 Ji '65

FUEL CELLS

Possibility of using fuel cells on seagoing merchant ships. IU. V. Tarbeev. Inform. sbor. T'NIIMF no. 142. Tekh. eksp. mer. flota no. 39 96-108 '65

FUEL PUMPS

The fuel injector of 100 years old. P. Lozgagev. Rechn. transp. 24 no. 9 50 '65

Increasing the durability of distribution-type fuel pumps. M. L. Poliakov, B. I. Shabadash. Trakt. i sel'khozmash. no. 4:28-30 Ap '66

FULLER'S EARTH

Using polygorskite clay in drilling chemogenic sediments in the Dnieper-Donets Lowland. N. Kh. Titarenko, A. T. Levchenko, K. A. Pankov. Neft' i gaz, prom. no. 1:18-21 Ja-F '66

FUMAGILLIN

Mechanism of the action of the antineoplastic antibiotic olivomycin and fumagillin on tumor cells. N. B. Turamkhodzhaev. Antibiotiki 10 no. 4:314-318 Ap '65

FUMARIC ACID

Kinetics of the synthesis of polyalkylene malonates and polyalkylene fumarates. Z. V. Mikhailova, P. Z. Li. Plast. massy no. 4 12-18 '66

FUMARONITRILE

Reactions of succinodinitrile and fumarodinitrile with phosphorus pentachloride. V. I. Shevchenko, V. P. Kukhar'. Zhur. ob. khim. 38 no. 4:735-738 Ap '66

FUMIGATION—CONGRESSES

In the working committee of the European Organization for Plant Protection. A. Markin. Zashch. rast. 11 no. 2: 57-58 '66

FUNCTIONAL ANALYSIS

Absoluteness of base and partial ordering. IA, M. Tsoltin. Izv. vys. ucheb. zav.; mat. no. 2:98-104 '66

Cauchy problem for an equation in functional derivatives. I. M. Kovn'chuk. Dop. AN URSSR no. 3:284-286 '66

Functional perturbations of asymptotic and tangential asymptotically stable equilibrium states. V. R. Petukhov. Izv. vys. ucheb. zav.; mat. no. 2:83-97 '66

Possibility of the dynamic representation of a theory in the Wightman axiomatic scheme. A. N. Vasil'ev. Zhur. eksp. i teor. fiz. 50 no. 3:694-708 Mr '66

Principle of the maximum for the problem of maximization of an integral functional with variable delay. IU. F. Kazarinov. Metod. vych. no. 3:105-112 '66

FUNCTIONAL ANALYSIS (Continued)

Self-adjointness of differential operators and integral representations of "Hilbertian" functions. *Izv. Akad. Nauk SSSR Ser. Mat.* 1966, no. 2, 107-112.

Some potentials analog to the thermal. *N. F. Morozov, Trudy LITISDP* no. 238-239 '65.

Stability of the superconducting state in a magnetic field for superconductors of the second kind. *V. P. Galitskiy, Zhurnal teoret. fiz.* 50 no. 3, 711-720, 1966.

The characteristic value problem for the structure of a linear operator. *Izv. Akad. Nauk SSSR Ser. Mat.* 1966, no. 2, 270-284.

FUNCTIONAL EQUATIONS

Functional equations for Dirichlet's L-functions and the problem concerning divisors in arithmetical progressions. *A. I. L'vov, Izv. AN SSSR Ser. Mat.* 30 no. 2, 433-444, 1966.

Identification of solutions of the gradient method for the solution of nonlinear functional equations. *I. P. Pavlov, Mat. zh.* 32 no. 2, 22-29, 1966.

Properties of the solutions of a functional equation. *M. V. L'vov, Mat. zh.* 32 no. 4, 205-213, 1966.

FUNCTIONS

An algorithm for the determination of the pseudo-derivatives of a function defined on an integral lattice in the case of bounded elements. *G. I. Adelson-Vel'skiy, A. I. L'vov, Dokl. AN SSSR* 157 no. 4, 772-774, 1966.

Approximation of functions using an analog computer. *I. U. S. Pavlov, Avtom. telemekh.* no. 4, 131-134, 1966.

Calculation of correlational functions of normal random functions using digital computers. *A. N. Domaratskiy, Trudy Inst. avtom. elektromekh.* SO AN SSSR no. 11, 50-62, 1966.

Convolution formula for functions integrated in the sense of the principal value. *G. D. Abakumov, Dokl. AN Tadzh. SSR* 9 no. 2, 1-6, 1966.

Functional equation for Dirichlet's L-functions and the problem concerning divisors in arithmetical progressions. *A. I. L'vov, Izv. AN SSSR Ser. Mat.* 30 no. 2, 433-444, 1966.

General theory of convex functions. *A. I. Perov, Upr. mat.* zh. 18 no. 3, 129-132, 1966.

Embedding and certification theorems for one class of functions. Part 2. *S. V. Il'yashenko, Sib. mat. zh.* 7 no. 2, 409-418, 1966.

Including theorem for a class of functions defined on the total space or half space. Part 1. *L. D. Kudryavtsev, Mat. zh.* 69 no. 4, 616-639, 1966.

Invariant subspaces of the linear operator, and almost universal elements in L^p . *N. K. Nikol'skiy, Dokl. AN SSSR* 167 no. 5, 935-938, 1966.

Iteration method in a problem of the approximation of functions by a finite number of observations. *B. M. Litvak, Avtom. telemekh.* no. 4, 104-113, 1966.

Norm of the Akhiezer-Levitan operator in a space of uniform almost periodic functions. *D. A. Bredikhina, Izv. vuz. ucheb. zav. mat.* no. 2, 32-36, 1966.

Problems of the accuracy of quantization of normal random functions according to amplitude in the calculation of their mathematical expectations. *A. N. Domaratskiy, Trudy Inst. avtom. elektromekh.* SO AN SSSR no. 11, 63-68, 1966.

Qualitative study of trajectories of proportional navigation. *V. I. Pan, A. S. Kel'zon, Izv. vuz. ucheb. zav. radiofiz.* 6 no. 6, 1229-1243, 1965.

Restoration of a function from a certain characteristic sequence. *I. L. Efremov, Izv. vuz. ucheb. zav. mat.* no. 2, 148-157, 1966.

Reversion formula for a subclass of typically real functions. *L. E. Duzduchenko, Upr. mat. zh.* 18 no. 3, 107-112, 1966.

SR

FUNCTIONS—TABLES, ETC

Dimontova, A. A., F. S. Rebatin, and V. A. Riabov. [Tables of gas-dynamical functions (K 1.05-1.70), a reference book.] *Tablitsy gazodinamicheskikh funktsii (K 1.05-1.70), spivachivnoe posobie* Moskva, Mashinostroenie, 1966. 135 p.

FUNCTIONS, ANALYTIC

Approximation of analytic functions and polynomials in the mean on an area. *S. O. Sinanlian, Mat. zh.* 69 no. 4, 546-578, 1966.

Approximation of analytic functions by partial sums of Fourier series. *M. M. Vorobiov, Dop. AN URSR* 132, 138-141, 1965.

Approximation of functions by Fourier-Jacobi sums. *V. M. Bad'ko, Dokl. AN SSSR* 167 no. 1, 731-734, 1966.

Boundaries of ascleism and univalence of certain classes of functions regular in the circle. *I. V. A. Zinov'ich, Upr. mat. zh.* 18 no. 3, 28-39, 1966.

Buildup of an analytic function from its elements. *I. U. A. Kaz'min, Izv. AN SSSR Ser. Mat.* 30 no. 2, 307-324, 1966.

Classes of functions analytic in multiple Riemann regions. *A. T. Shchepko, Dokl. AN SSSR* 167 no. 1, 761-767, 1966.

A condition for the convergence of interpolation polynomials. *P. I. Kiselev, Upr. mat. zh.* 18 no. 3, 121-120, 1966.

Decrease of functions analytic in a half plane. *I. U. A. Maslakov, Mat. zh.* 69 no. 4, 658-662, 1966.

Equidistribution on a plane. *D. A. Kazhdan, Trudy Mosk. mat. ob-va* 14, 299-305, 1965.

Exact order of the best approximations of analytic functions representable by Gegenbauer polynomials generalized gap series. *V. M. Kofl'skiy, Sob. AN Gruz. SSR* 41, 328-331, 1966.

Gelfand, I. M., M. I. Graev, and I. I. Piatetskii-Shapiro. [Theory of representations and automorphic functions.] *Teoriya predstavlenii i avtomorfnykh funktsii*, Moskva, Nauka, 1966. 512 p. (Obobshchennyye funktsii, no. 6)

Rational approximations and boundary properties of analytic functions. *E. P. Dolzhenko, Mat. zh.* 69 no. 4, 507-524, 1966.

Regions of dynamic instability of Hamiltonian systems. *V. A. I. Kuvshinov, Metod. vych.* no. 3, 51-60, 1966.

Riemann's homogeneous boundary value problem with an infinite index of the logarithmic type. *P. G. Ilyus, Izv. vuz. ucheb. zav. mat.* no. 2, 158-163, 1966.

Solving the one-velocity transport equation by means of the Eron-Mertens approximation. *Sh. S. Nikolaishvili, Atom. energ.* 20 no. 4, 341, 1966.

Some remarks on bounded functions representable by a Cauchy-Stieltjes type integral. *Sib. mat. zh.* 7 no. 2, 252-260, 1966.

Spectral functions of differential equations of the second order with operator coefficients. *M. L. Gorbachuk, Ukr. mat. zh.* 18 no. 2, 3-21, 1966.

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CONTINUOUS

Approximation of L-functions by polynomials. *I. E. Hlyhorchuk, Dop. AN URSR* no. 2, 143-147, 1966.

Bases in spaces of continuous functions on a compactum, and some geometrical problems. *V. I. Gurarii, Izv. AN SSSR Ser. Mat.* 30 no. 2, 289-308, 1966.

Convergence of absolutely continuous functions and their derivatives. *G. I. Aleskhin, S. I. Agshimov, Izv. vuz. ucheb. zav. mat.* no. 2, 3-8, 1966.

Deformation of continuous functions with given differential properties on a set of complete measure, and some applications to Fourier series. *G. Kh. Sindalovskiy, Mat. zh.* 69 no. 4, 640-657, 1966.

Determining the norm of an operator in a class of continuous functions. *N. M. Pavlovskiy, Sib. mat. zh.* 7 no. 2, 333-343, 1966.

Differentiability of functions of segments. *S. P. Ponomarev, Ukr. mat. zh.* 18 no. 2, 135-137, 1966.

Fourier series of continuous functions converging to bounded orthonormal systems. *A. M. Olevskiy, Izv. AN SSSR Ser. Mat.* 30 no. 2, 397-432, 1966.

Generalization of a second-order mixed derivatives. *S. P. Ponomarev, Dop. AN URSR* no. 3, 291-295, 1966.

Properties of linear operators which operate from an L^p -space to an X -space. *I. U. A. Gilderman, Sib. mat. zh.* 7 no. 2, 261-269, 1966.

Subspaces and bases in spaces of continuous functions. *V. I. Gurarii, Dokl. AN SSSR* 167 no. 5, 971-973, 1966.

Systems of inequalities with left sides containing convex functions. *I. I. Eremin, Izv. AN SSSR Ser. Mat.* 30 no. 2, 266-278, 1966.

Uniqueness of representation of Hermitean indefinite functions and sequences. *V. I. Gorbachuk, Ukr. mat. zh.* 18 no. 2, 107-113, 1966.

FUNCTIONS, ENTIRE

Extremum indicator of an integral function having positive zeroes of given upper and lower density bounds. *M. V. Morozov, Dop. AN URSR* no. 2, 148-150, 1966.

Some extremum problems for linear operators in a class of integral functions of finite power. *I. I. Dimontova, I. G. Naibov, Sib. mat. zh.* no. 2, 1966.

Theorem on the representation of one class of integral functions. *I. V. Buglov, Sib. mat. zh.* no. 2, 1966.

FUNCTIONS, MEROMORPHIC

On a-dimensional compact complex sets having a locally independent meromorphic functions. Part 2. *I. G. Mikhlin, Izv. AN SSSR Ser. Mat.* 30 no. 2, 386, 1966.

FUNCTIONS, PERIODIC

Generalization of a theorem of S. N. Bernstein. *V. I. Kheis, O. G. Miklukhin, Ukr. mat. zh.* 18 no. 1, 119, 1966.

FUNCTIONS OF REAL VARIABLES—PROBLEMS, EXERCISES, ETC

Ochkin, I. S. [Problems and theorems in the theory of functions of real variables.] *Sbornik zadach i teorem po teorii funktsii delstvuyushchego peremennogo* Moskva, Prosveshchenie, 1966. 220 p.

FUNCTIONS OF SEVERAL VARIABLES

A class of integral functions of several variables. *I. I. Giche, Ukr. mat. zh.* 18 no. 3, 13-27, 1966.

FUNERAL RITES AND CEREMONIES see subcategory under Kahala region (Azerbaijan)

FUNGI—CULTURES AND CULTURE MEDIA

Effect of specific components of the medium on the metabolism in fungi and the formation of antibiotics. Report No. 1: Effect of glycerol, glycerophosphate and sodium fluoride on the formation of antibiotics in the medium and the respiration of the product. *R. A. Makhmurova and others, Nauch. dokl. vuz. shkoly, biol. nauk* 1 no. 2, 183-187, 1966.

FUNGI, PHYTOPATHOGENIC

(see also subcategory under Amentia)

Intoxic diseases of stone built varieties of Turkmenia. *N. P. Pirogov, Izv. AN Turk. SSR Ser. Biol. nauk* no. 1, 1-11, 1966.

Mycoflora and grape diseases in the Far East. *A. A. Abrikatova, Sob. DVFAN SSSR* no. 2, 55-66, 1966.

New method of detecting the mycelium of parasitic fungi in the tissues of host plants. *O. B. Mikhal'skaya, Dokl. zhur.* 51 no. 3, 395, 1966.

Pathogenic fungi causing the infections of apple and pear blossoms. *Zh. G. Matyushko, Infek. zh.* 1966, no. 1, 20-10, 1966.

FUNGICIDES

Chemicals for plant protection based on compounds obtained from coke-chemical raw material. *N. B. Turnov, E. G. Novikov, Khim. v sel. khoz.* no. 4, 23, 30, 1966.

Results of the testing of new fungicides in controlling the nematode disease of fruit trees. *I. S. Popov, Infek. zh.* 1966, no. 1, 10-14, 1966.

FUR-BEARING ANIMALS

Some properties of polar fox and mink fats. *L. F. Hlaupova, L. S. Giletschikova, G. B. Dubynina, Med. zh.* no. 3, 216-218, 1966.

FUR TRADE see subcategory under Moscow

FURALDEHYDE

Combining camaron-indene resins with furfural in acetone. *B. V. Volkov and others, Koks i khim.* no. 4, 40-42, 1966.

Philosophy of stone of Ostor-Volkov. *B. Hecznink, Ekou. zh.* no. 3, 73-78, 1966.

Reaction of furfural with phenol in the presence of acetic and monochloroacetic acids. *I. M. Bokhovkin, E. O. Vinnik, Zhur. ob. khim.* 30 no. 4, 573-576, 1966.

Role of oxygen in the production of furfural by the direct method. *V. G. Kul'nevich and others, Izv. vuz. ucheb. zav. plashch. tekhn.* no. 2, 83-86, 1966.

Synthesis of azomethines based on the condensation of furfural, furyl acrolein, and 5-methylfurfural with monochloroamine. *I. V. Kamenskii, Izv. Akad. Nauk, E. V. Mamedov, Zhur. prikl. khim.* 30 no. 3, 727-728, 1966.

Utilization of furfural strips for the production of feed yeast. *A. G. Savinykh and others, Gidroliz i lesokhim. prom.* 10 no. 3, 17-18, 1966.

FURAN

Complex formation of cobalt with 4-furyl monoxime. *Abdol' Razak Dzharfar, E. K. Astakhova, V. M. Peschkova, Vost. Mosk. un. Ser. 2 Khim.* 21 no. 1, 65-69, 1966.

Corrosion-resistant materials based on furan resins. *B. V. Lopatin, Gidroliz i lesokhim. prom.* 10 no. 3, 12-13, 1966.

FURAN—THERAPEUTIC USE

Furazolin, preparation for the treatment of drug-resistant forms of bacterial infection. *E. A. Gonorovich and others, Sov. med.* 20 no. 4, 116-120, 1966.

FURANMALONIC ACID

Synthesis of homologs of diethyl and diisopropyl esters of furanhydromalononic acid. T. V. Smitnova, Zhur. prikl. khim. 38 no. 2 456-459 F '65

FURNACES

Automatic flushing of dust collecting grids. R. S. Suprunenko, D. P. Pritykin, V. P. Burko. Prom. energ. 21 no. 4 25-26 Ap '66.

Increasing the efficiency of battery cyclones. A. D. Majgina. Prom. energ. 21 no. 1:39-42 Ap '66.

Intensifying the processes of heat exchange in the combustion space of gas furnaces and methods for their improvement. M. M. Firon. Gaz. pion. 11 no. 4 39-45 '66.

Mathematical modeling of convective heat transfer between gas and particles in a cyclone chamber. L. N. Siderikovsky, V. N. Sichevlev. Toploenergetika 13 no. 4 71-79 Ap '66.

FURNACES, HEAT-TREATING

Apel'man, V. N., E. G. Dvulin, and V. M. Tymchak. [Bell furnaces.] Kolpovoye pechil' [Moskva] Metallurgiya, 1965. 235 p.

FURNACES, HEAT-TREATING—DESIGN AND CONSTRUCTION

Multijet gas burner for large-capacity and medium heat-treating furnaces. V. B. Modylovskii. Metalloved. i term. obr. met. no. 6:45-47 Jo '66.

Studying roller heat furnaces for the heat treatment of prospecting pipe. A. S. Kadnikov, V. B. Tov, T. V. Ivanova. Proizv. trub. no. 15:67-72 '65.

FURNACES, HEATING

Characteristics of the dynamics of the automation system for the heating of metal in continuous-operation furnaces. V. A. Mikevskii. Izv. vys. ucheb. zav. ; chem. met. 9 no. 4:180-187 '66.

Studying the process of metal heating in holding furnaces by the multiple correlation method. B. S. Stepanov, S. M. Abramyan. TSvet. met. 30 no. 3 69-74 Mr '66.

Technology of steel heating in flame furnaces. V. I. Kopytov. Vop. proizv. stali no. 10 201-206 '65.

FURNACES, HEATING—DESIGN AND CONSTRUCTION

Increasing the output of heating furnaces with sliding hearths. P. P. Parasiuk. Metalloved. i term. obr. met. no. 1:74-75 Ap '66.

FURNACES, HEATING—MAINTENANCE AND REPAIR

Rapid repair of heating ring furnaces. B. A. Akhmedov, I. A. Ulin, G. I. Shandrenko. Metallurg. 11 no. 4:30-33 Ap '66.

FURNACES, HEATING—TESTING

Studying the operation of continuous roller heat furnaces for the heat treatment of ball-bearing pipe. I. S. Shtkovskii and others. Stal' 26 no. 4:170-173 Ap '66.

FURNITURE—MODELS

see subdivision under Ertvan

FURNITURE—PAINTING

Lacquering finishing of furniture block parts in closed vats. S. V. Rodionov, N. A. Goncharov. Der. pion. 15 no. 4 22-24 Ap '66.

FURNITURE INDUSTRY—QUALITY CONTROL

see subdivision under Alma-Ata

FUROCOUMARIN

Analysis of some furocoumarins with the aid of polarography and paper chromatography. I. U. Ole, O. V. N. P. Dzuba. Farmatsev. zhur. 20 no. 2:39-40 '65.

Isolation of the composition of pastinacin and the isolation of sphondin. N. P. Mavulitina. Khim. prirod. soed. no. 2:137-138 '65.

Furocoumarins from the roots of *Frangula aspalathrica*. B. Fedtsch, G. A. Kuznetsova, L. M. Betenkovskaya. Rast. res. 2 no. 1:57-60 '66.

FUSED SALTS

Anodic dissolution of manganese and its alloy with nickel in fused alkali metal chlorides. G. N. Kazantsev, I. F. Nishkov, S. P. Raspopin. Elektrokhitmika 2 no. 4:505-508 Ap '64.

Conductivity, density, and molar volumes of molts in binary systems with eutectics. N. P. Popovskaya, P. I. Protchenko, A. F. Eliseeva. Zhur. neorg. khim. 11 no. 2:392-396 F '66.

Molar volume of molts in the ternary reciprocal system K, Cs, Cl. I. V. D. Pristashyn, L. I. Bryzgalo. Ukr. khim. zhur. 32 no. 3:240-248 '66.

Polarization of a solid zinc electrode with respect to a similar liquid reference electrode in fused zinc chloride. N. V. Vlasuk. Ukr. khim. zhur. 32 no. 3: 302-303 '66.

Polarographic study of moisture in fused chloride electrolytes for the preparation of metallic sodium. K. I. Grebenok. Zhur. prikl. khim. 39 no. 3:522-527 Mr '66.

Volume ratios in the binary systems consisting of fused salts of the $MgAlF_6$ type. G. A. Bukharov, V. T. Mal'isev. Zhur. neorg. khim. 11 no. 2:397-401 F '66.

FUSED SALTS—ELECTRIC PROPERTIES

Current transfer by cations in molts of the system $KCl-MgCl_2$. I. S. Fachiuzova. Zhur. prikl. khim. 39 no. 3 591-595 Mr '66.

FUSTEL DE COULANGES, NUMA DENIS, 1830-1889

Fustel de Coulanges' interpretation of the judicial system of the Lex Salaria. G. K. Sadretdinov. Trudy TGU 178 253-261 '65.

GABRIO

see subdivision under Dnieper Valley

GADOLINITE

Gadolinita, I. T. Aleksandrova, G. A. Sidorenko. Geol. mest. rud. elem. no. 26 66-80 '66.

GADOLINIUM CHLORIDE

Interaction of gadolinium chloride with pyrophosphate ions. I. V. Tananaev, S. M. Pelushkova. Zhur. neorg. khim. 11 no. 2:282-285 F '66.

GADOLINIUM COMPOUNDS

Thermogravimetric and X-ray diffraction examination of gadolinium pyrophosphates. I. V. Tananaev, V. G. Kuznetsov, S. M. Pelushkova. Zhur. neorg. khim. 11 no. 2:286-293 F '66.

GADOLINIUM-LIQUID NICKEL ALLOYS

see Liquid nickel-gadolinium alloys

GADOLINIUM NITRATES

Effect of the solvent on the constants of paramagnetic relaxation in liquid solutions of gadolinium nitrate. G. P. Vishnevskaya, B. M. Korytev. Zhur. strukt. khim. 7 no. 1:21-29 Ja '66.

GADZHIBEKOV, SULTAN, 1919-

Tagh-Zade, A. Z. [S. Gadzhibekov's ballet "Gul'shen"] Ballet "Gul'shen" S. Gadzhibekova. Baku, Azerbeshir, 1966. 52 p.

GADZHIBEKOV, UZEIR, 1885-1948

Abasova, E. A. [Uzeir Gadzhibekov's opera "Kerogly"] Opera "Kerogly" Uzeira Gadzhibekova. [Baku] Azerbeshir, 1966. 55 p. (Operey azerbaidzhanskikh kompozitorov)

GALANTHAMINE—PHYSIOLOGICAL EFFECT

Effect of galanthamine on the activity of acetylcholinesterase in different regions of the brain. L. N. Nestorenko. Farm. i toks. 28 no. 4:413-414 Ji-Ag '65.

GALAXIES

Cosmic explosions, supernovae and galaxies. S. B. Pikel'may. Priroda 55 no. 4:18-20 '66.

New galactic model and the computation of star orbits. I. I. Genkin. Trudy Astrofiz. inst. AN Kazakh. SSR 7:16-25 '66.

The orientation of elliptic galaxies in space. E. K. Danduk. Trudy Astrofiz. inst. AN Kazakh. SSR 7:45-56 '66.

Sequence of luminosities in the groups of galaxies. B. A. Vorontsov-Chepkamov. Astron. zhur. 43 no. 2:453-454 Mr-Ap '66.

GALENA—ANALYSIS

(see also subdivision under Soviet Central Asia)

Shver, I. M., and antimony impurities in galenite. A. A. Godovikov. Geol. i mestorozh. 8 no. 2:59-60 Mr-Ap '66.

GALICIA—CADASTERS

Ukraine. Tsentral'nyi gosudarstvennyi istoricheskii arkhiv, L'vov. [Records of Josef (1785-1788) and Franz (1819-1920), the first land cadasters of Galicia. List of populated localities. Iosyfnym (1785-1788) i frantsyuzskym (1819-1920) metryky, porshi pozemel'ni kadastry Galychyny. Pokazhchyk naselennykh punktiv. Kyiv, 1965. 353 p.]

GALLBLADDER—DISEASES

Effect of milk on the motor function of the alimentary canal in patients with chronic cholecystitis. L. P. Korotkovskii. Vop. pit. 23 no. 3:81 My-Je '61.

GALLBLADDER—MOTILITY

Kumlas in treating functional motor disorders (dyskinesia) of the large intestine and the gallbladder. S. V. Bazanova. Vop. kur., fizioter. i tech. fiz. kult. 30 no. 2:129-134 Mr '65.

Mechanism of the effect of mineral waters on the motor activity of the gallbladder. T. L. Nutsudidze. Sob. AN Gruz. SSR 41 no. 3:713-718 Mr '66.

GALLBLADDER—RADIOGRAPHY

m-dimethylaminomethylencamine- β -2,4,6-trifluorophenyl-propionic acid as a contrast medium for peroral cholecystography. S. B. Frantsuzova, R. D. Samitova, O. D. Lytyynchuk. Farmatsev. zhur. 10 no. 3:74-79 '64.

GALLIUM

Gallium content in some food products. E. S. Belozherov. Vop. pit. 25 no. 2:85-86 Mr-Ap '66.

Geochemistry of gallium in pyrite-polymetallic and copper-pyrrhotite types of deposits. G. Kh. Efendiev, N. A. Novuzov, R. S. Abdullaeva. Dokl. AN Azerb. SSR 21 no. 11:12-14 '65.

GALLIUM ANTIMONIDES—THERMODYNAMICS

Study of the thermodynamic properties of gallium antimonide using the electromotive force method. L. N. Gerasimenko and others. Zhur. prikl. khim. 39 no. 2 422-423 F '65.

GALLIUM CHLORIDES

Interaction of gallium chlorides with beryllium, magnesium, calcium, and barium chlorides. P. I. Fedorov, S. K. Nedev, Liu Go-luan' [Liu Kuo-yuan]. Zhur. neorg. khim. 11 no. 2:106-110 F '66.

GALLIUM ELECTRODES

see Electrodes, Gallium

GALLIUM OXIDES

Some oxygen compounds of gallium. V. A. Kolesova. Izv. AN SSSR Ser. khim. no. 1:667-671 '66.

GALLIUM SULFIDE CRYSTALS—PHOTOELECTRIC PROPERTIES

Photoconductivity of GaS single crystals. G. A. Akhundov, F. L. Ismailov, F. N. Kaziev. Dokl. AN Azerb. SSR 21 no. 11:9-11 '65.

GALOIS, EVARISTE, 1811-1832

Infeld, Leopold. [Evariste Galois, the chosen of the gods. Translated from the English] Evariste Galois, izbrannik bogov. [Izd. 3.] Moskva, Molodnaya gvardiya, 1965. 349 p. (Zhizn' zamечатel'nykh ludei, no. 32(32))

GALVANIC SKIN RESPONSE

Changes in the cutaneous bioelectric potentials following traumatic lesions of the central nervous system. V. V. Delaria. Vop. travm. no. 2 111-114 '63.

GALVANOMETER

Theory of the output stage of a seismic amplifier with a galvanometer. M. K. Polshkov. Prikl. geofiz. no. 12: 33-61 '65.

GAME AND GAME BIRDS

(see also subdivision under Azerbaijan)

Age-related structure of populations and the dynamics of fecundity of game animals. P. B. Irgenson. Zool. zhur. 45 no. 2:101-171 '66.

GAME PROTECTION—CONGRESSES

Some current scientific problems of game management. I. U. Isakov. Izv. AN SSSR. Ser. geog. no. 2 47-53 Ji-Ap '66.

GAME THEORY

Game theory and its use for solving military problems. V. I. Mudrov. Vest. protivovozd. obr. no. 1:70-75 Ap '65.

Routine method for solving games with a piece-wise constant gain function. B. S. Fielesman, V. F. Kravtsov. Izv. AN SSSR. Tekh. kib. no. 3:17-23 My-Je '65.

Some asymptotic evaluations for automations playing a distribution game. D. I. Kalinin, I. M. Rotvaln. Avtom. i telemek. no. 1:118-121 '66.

GAMES

Code name, "Sharp eye." A. Sobolev. Voen. znan. 42 no. 4:22-23 Ap '66.

Our collection of games. S. Gilzer, S. Seigeev. Semla i shkola 21 no. 2 55 F '66.

GAMMA GLOBULIN

DNA and biosynthesis of antibodies and gamma globulins. A. E. Guvich, R. S. Nozlin. Usp. biol. khim. 7:150-175 '65.

Effect of ultrasonic waves on isolated A-chains of the molecule of human gamma globulin. O. M. Zorina, L. I. Stekolnikov, I. E. Eshpina. Dokl. AN SSSR 167 no. 5:1164-1167 Ap '66.

Prediction and study of the preventive properties of specific and normal gamma globulins in experimental anthrax. I. M. Mularakhin. Uch. zap. KV 90 179-183 '61.

Results of preventing epidemic hepatitis with γ -globulin. S. G. Paterashvili and others. Zhur. mikrobiol., epid. i immun. 13 no. 3:117-121 Mr '66.

Use of hemagglutination inhibition reaction for the determination of measles antibodies. Report No. 2. A. A. Kolchurina, L. I. Semen'kova. Trudy Len. inst. epid. i mikrobiol. 28:213-279 '65.

GAMMA-RAY SPECTROMETRY

Activation method of determining copper in boreholes of the Gornyi Altai ore deposits. M. M. Shvartsman, I. P. Koshelev. Vop. rud. geofiz. no. 8:113-122 '65.

Composition of the medium and its effect on the spectrum of gamma-ray radiation scattered in the ores of heavy elements. V. A. Artyushov, G. A. Ivanukovich. Vop. rud. geofiz. no. 8:97-103 '65.

GAMMA RAYS

Energy buildup factors for cosinusoidal sources in iron and lead. A. M. Panchenko. Atom. energ. 20 no. 4:351-352 Ap '66.

GAS CHROMATOGRAPHY (Continued)

Chromatographic separation and quantitative analysis of mixtures containing monofluoroacetylene I.D. Kushina and others. *Zav. lab.* 32 no. 4 116-117 '66

Determining water content of the various fractions of synthetic fatty acids with the method of gas-liquid chromatography I.K. Sholomov, S.V. Grishchenko, A.I. Perimskii, *Mosk. zh. prikl. i teoret. khim.* 32 no. 3 26-28 Mr '66.

Differential chromatography without a gas carrier A.A. Zhukhovitskii and others. *Zav. lab.* 32 no. 4 102-105 '66.

Effect of thermal treatment on the structure and adsorption properties of the INZ-600 carrier V.E. Shofor, N.IU. Batov, M.I. Dement'eva, *Neftokhimiia* 6 no. 1 139-144 Ja-F '66.

Gas chromatography of molecules of various spatial structures on graphitized carbon black A.V. Kiselev, I.A. I. Ashin, *Zhur. fiz. khim.* 40 no. 2 429-433 F '66.

Gas chromatography on the outer surface of porous zeolite crystals A.V. Kiselev, I.A. I. Ashin, *Zhur. fiz. khim.* 40 no. 1 941-945 Ap '66.

High-vacuum ionization detector for gas chromatography B.K. Krylov, *Zhur. fiz. khim.* 40 no. 1 959-963 Ap '66.

Kurko, V.I. [Gas chromatographic analysis of food products] *Gazokhromatograficheskiy analiz pishchevyykh produktov*. Moskva, Pishchevala promyshlennost', 1965. 235 p.

Oxidation of bifunctional organoboron compounds by sodium peroxide for analytical purposes L.I. Zakharkin, A.I. Kovredov, *Izv. AN SSSR, Ser. khim.* no. 1 749-749 '66.

Selectivity of stationary phase in gas-liquid chromatography. Part 2. Specific features of the selectivity of some stationary phases A.N. Korol', *Tsot. i eksper. khim.* 2 no. 1 79-89 '66.

Solid carrier for the separation of hydrocarbons and other organic compounds by gas-liquid chromatography I.A. Musnev and others, *Neftokhimiia* 6 no. 1 131-138 Ja-F '66.

Some problems of gas-liquid chromatography of high-boiling sulfur compounds L.I. Shokina, A.D. Mal'nevskii, G.M. L'pkin, *Gaz. delo* no. 4 20-32 '66.

Study and identification of terpenoids in sea-buckthorn fruit and oil L.O. Shaidman, N.A. Shugim, *Izv. vys. ucheb. zav., pishch. tekhn.* no. 2 39-41 '66.

Study of the chemical composition of natural gas of the Andigan gas field by gas-liquid chromatography I.U. V. Valibekov, I.V. Reiman, *Dokl. AN Tadzh. SSR* 9 no. 2 20-23 '66.

Use of gas liquid chromatography for analysis of mixtures in the production of methylcellulose I.U. S. Tilypo, I.A. T. Sarin, *Zav. lab.* 32 no. 7 803-806 '65.

Using a flame ionization detector to study equilibrium and kinetics in heterogeneous systems A.P. Somov, A.A. Zhukhovitskii, *Sbor. inst. stali i splyav. no. 11* 69-78 '66.

GAS DISTRIBUTION

Automating operating gas-distribution stations for petroleum (casinghead) gases G.Kh. Gar'rov, V.F. Kotlov, *Gaz. delo* no. 3 18-21 '65.

Optimal relationships of volumes and distances for a pipeline in unsplitting natural gas and accompanying liquefied gas L.V. Sannikova, *Izv. vys. ucheb. zav., energ.* 9 no. 4 91-100 Ap '66.

GAS DYNAMICS

Allowing for gas dynamic factors in designing electric arc heaters with vortical gas stabilization of the arc D.D. Voronin, A.M. T. Sirin, M.I.A. Smelinskii, *Inzh. -fiz. zhur.* 10 no. 3 287-293 Mr '66.

Dimentova, A.A., F.S. Rekalin, and V.A. Ribaov. [Tables of gas-dynamical functions (K 1.05-1.70), a reference book] *Tablitsy gazodinamicheskikh funktsii (K 1.05-1.70); spravochnik posobie*. Moskva, Mashinostroyeniye, 1966. 135 p.

Flow of gases, solid particles and fluids in the invere zone of blast furnaces A.S. Kukarkin, B.I. Kitinov, *Vop. prozv. stali* no. 10 60-74 '65.

Intensification of the combustion process in open-hearth furnaces V.I.A. Kontukh, *Vop. prozv. stali* no. 10 128-143 '65.

Passage of a fast charged particle through a slightly turbulent magnetoactive plasma T.L. Tavgiridze, *Soob. AN Gruz. SSR* 41 no. 2 309-313 F '66.

Vinogradov, D.S. [Applied gas dynamics] *Prikladnaya gazovaya dinamika*. Moskva, Universitet družby narodov im. Patrisa Lumumby, 1965. 347 p.

Zol'dovitch, I.A.B., and I.U. P. Ralzer. [Physics of shock waves and high-temperature hydrodynamic effects] *Fizika udarnykh voln i vysokotemperaturnykh gidrodinamicheskikh yavlenii. Izd. 2., dop.* Moskva, Nauka, 1966. 288 p.

GAS FIELD DEVELOPMENT

(see also subdivision under Komi A.S.S.R.; Ukraine)

Development of gas condensate fields in compressed water drive G.V. Rassokhin and others. *Gaz. delo* no. 3 15-23 '66.

Preparing large gas fields for commercial exploitation A.L. Kozlov and others. *Gaz. prom.* 11 no. 4 6-12 '66.

Temperature distribution in a gas flow through the hole of wells operating in permafrost regions. I.U. F. Makogon, B.V. Degl'arov, *Gaz. delo* no. 3 10-13 '65.

GAS FIELDS see subdivision under *Russkiy Khutor Gas Field*

GAS FIELDS—CLASSIFICATION

Classification of oil and gas fields. N.IU. Usprishana, *Trudy MINKhGP* no. 61, 71-78 '66.

GAS FIELDS—EQUIPMENT AND SUPPLIES

Using the IKSG-1 corrosion inhibitor. A.R. Ganshev and others. *Gaz. delo* no. 3 35-37 '66.

GAS FIELDS—FLUID DYNAMICS

Hydrodynamic investigation of condensate accumulation in a layer in the nonsteady flow of condensate mixture toward a straight-line gallery in semifinite layer. Z.M. Akhmedov, T.A. Samedov, *Izv. vys. ucheb. zav., nef. i gaz* 8 no. 8 17-49 '65.

GAS FLOW

Analytical determination of the optimum velocities of a two-way gas flow on the base of power characteristics. F.M. Iokhvedov, V.B. Kunyshi, *Trudy LTITSEP* no. 18 126-129 '65.

Design of radiation-convective recuperators. G.D. Rabinovich, *Inzh. -fiz. zhur.* 10 no. 2 217-224 F '66.

Experimental investigation of the distribution of gas and gas-liquid flow into parallel-connected installations. I.P. Khodanovich, B.L. Krivosheina, S.Z. Shavernova, *Gaz. prom.* 11 no. 4 17-22 '66.

Formulation of the inverse asymmetric problem of steady vortical flow of an ideal incompressible fluid in turbodynamics. I.A. Sirotkin, *Izv. N SSSR Mekh. zhid. i gasa* no. 1 84-95 Ja-F '66.

Intensification of transport processes in inhomogeneous gas-suspension flow. I.T. El'perin, A.L. Parnas, *Inzh. -fiz. zhur.* 10 no. 3 352-356 Mr '66.

Nonsteady-state incompressible fluid flow past a cascade of cambered profiles. V.E. Saen, *Izv. AN SSSR, Mekh. zhid. i gasa* no. 1 75-83 Ja-F '66.

Optical and physical properties of gas flow in basic oxygen-blown converter in the visible part of the radiation spectrum and their connection with the technological parameters of smelting. V.I. Lavoski and others. *Sbor. inst. stali i splyav.* no. 4 100-111 '66.

Parametric method of solving equations describing a laminar boundary layer with longitudinal pressure gradient under conditions of equilibrium dissociation of a gas. N.V. Krivtsova, *Inzh. -fiz. zhur.* 10 no. 2: 143-153 F '66.

Precritical region of laminar adiabatic gas flow in a plane-parallel channel. M.M. Nazarchuk, *Inzh. -fiz. zhur.* 10 no. 3 294-299 Mr '66.

Studying the motion of a two-phase medium in a vertical tube under conditions of a parallel simultaneous flow of gas and fluid. V.A. Vedenov, *Trudy LTITSEP* no. 18 130-134 '65.

Sublimation of a thin plate in a gas flow. V.G. Loltina, N.V. Pavlukovich, *Inzh. -fiz. zhur.* 10 no. 2 212-216 F '66.

Theory of transport phenomena in a binary gaseous mixture. A.A. Adkhmov, T. Makmudov, *Dokl. AN Tadzh. SSR* 9 no. 2 112-115 '66.

Thermodynamic theory of the "steady" states of two gas volumes connected by a capillary. P.E. Suetin, *Inzh. -fiz. zhur.* 10 no. 3 363-367 Mr '66.

GAS INDUSTRY

(see also subdivision under *Ukraine, Ukraine, Western, Uzbekistan*)

Control of petroleum, gas, and petroleum product losses in the primary responsibility of trade union organizations and all petroleum workers. E. Bondoreva, *Neftanik* 10 no. 8 5-7 S '66.

New five-year plan and the gas industry. *Gaz. prom.* 11 no. 3 1-2 '66.

Out-of-town session of the scientific and technical society in Ufa. V.A. Lariyov, *Izv. vys. ucheb. zav., nef. i gaz* 8 no. 8 110 '65.

GAS INDUSTRY—BY-PRODUCTS

Economic efficiency of manufacturing chemical products from coal, petroleum, and natural gas. P. Gusev, *Trudy INKIL* no. 35 90-103 '65.

GAS INDUSTRY—EXHIBITIONS

In the pavilion of the gas industry at the Exhibition of Achievements of the National Economy of the U.S.S.R. N.A. Koryeva, *Gaz. prom.* 11 no. 3 54 '66.

GAS INDUSTRY—FINANCE

Problems of management of gas industry enterprises. I.Z. Pasternak, *Gaz. prom.* 11 no. 3 9-11 '66.

GAS MANUFACTURE AND WORKS

Study on conical vortex tubes. A.I. Guliyev, *Inzh. -fiz. zhur.* 10 no. 3 326-331 Mr '66.

GAS OVENS

Increasing basic heat engineering indices of gas ovens in public eating establishments. A.N. Vyshelskii, L.S. Litvin, *Gaz. prom.* 11 no. 4 31-34 '66.

GAS PIPES

Gas-oxygen cutters for openings in gas pipelines and the laying out of pipe. A.N. Kazanskii, A.A. Trofimov, *Svar. prozv.* no. 5 38-39 My '66.

GAS PIPES—WELDING

Sedukha, G.A., and O.M. Fridman. [Welding of municipal gas lines] *Svarka gorodskikh gazoprovodov*. Leningrad, Nedra, 1966. 130 p. (Biblioteka mastersa gazovogo khozaystva)

GAS PURIFICATION see *Gases—Purification*

GAS TURBINES

Calculation of irreversible polytropic processes of an ideal gas. V.N. Lapshov, *Izv. vys. ucheb. zav., energ.* 9 no. 1 61-69 Ap '66.

Characteristics of a centrifugal gas turbine during the reverse operation of the rotor. A.V. I. Zil', *Izv. vys. ucheb. zav., energ.* 9 no. 4 11-48 Ap '66.

Electric power stations with A-20 aircraft gas turbine engines. B.A. Bukreev and others. *Flek. sta.* 37 no. 2: 5-8 17 '66.

Mixing and combustion processes in the combustion chamber of a gas turbine system. M.A. Poltatskii and others. *Teplotekhnika* 13 no. 4 43-48 Ap '66.

Purification of air entering gas turbine installations. V.N. Steshenko, *Gaz. prom.* 11 no. 1 23-26 '66.

Study of the combustion process of liquid fuel in the burner of a gas turbine under varying pressures. I.A. P. Stozhuk, V.A. Asoskov, *Teplotekhnika* 13 no. 3 63-66 Mr '66.

GAS TURBINES—BLADES

High-chromium steel for cast blades. M.F. Sheshenev, M.F. Vorokhanova, *Teplotekhnika* 13 no. 4 22-25 Ap '66.

Rakhmarova, M.S., and I.A. G. Mher. [Effect of technological factors on the reliability of the blades of gas turbines] *Vliyanie tekhnologicheskikh faktorov na nadoznost' lopatok gazovykh turbin*. Moskva, Mashinostroyeniye, 1966. 22 p.

GAS TURBINES—CORROSION

High-temperature corrosion of metals in the burning of distillate gas-turbine fuels. V.G. Nikolaeva and others. *Khim. i tekhn. topl. i mael.* 11 no. 3 51-57 Mr '66.

GAS WELDING AND CUTTING

Gas welding of aluminum. I.U. Gnedovskii, *Tekhn. i voozuzh.* 24 no. 2 44-45 F '66.

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES

A compass-type device for oxygen cutters. A.I. Esikov, *Svar. prozv.* no. 5 36 My '66.

Drying of acetylene with calcium carbide. B.G. Ivanov, I.U. I. Zhuravitskii, N.V. Zhukov, *Svar. prozv.* no. 5 34-36 My '66.

Gas-oxygen cutters for openings in gas pipelines and the laying out of pipe. A.N. Kazanskii, A.A. Trofimov, *Svar. prozv.* no. 5 33-39 My '66.

Propane-butane-oxygen flame during the welding of carbon steel. A.N. Shakhov, I.U. I. Nikasov, L.N. Kudashov, *Svar. prozv.* no. 5 19-22 My '66.

GAS WELL CASING

Strengthening gas well casings and decreasing the amount of metal in them. V.K. Cheban, E.A. Lykov, *Gaz. prom.* 11 no. 4 12-16 '66.

GAS WELL COMPLETION see subdivision under *Lower Onirinskoye Gas Field; Saratov Province*

GAS WELL DRILLING

(see also subdivision under *Turkmenistan*)

"On this trip I saw..." N.I. Khlebodarov, *Neftanik* 10 no. 9 22-23 S '66.

Overall solution of problems relative to deep drilling of slim wells. V.I. Zil'berman, *Razved. i okh. nedr.* 31 no. 3 27-30 Mr '65.

GAS WELL LOGGING, ELECTRIC

(see also subdivision under *Bulgaria; Ukraine*)

Vendel'shtein, B.IU. [Study of the cross sections of oil and gas wells by the method of self potentials] *Issledovanie razrezov neftnykh i gazovykh skvazhin metodom sobstvennykh potentsialov*. Pod red. V.N. Dakhnova. Moskva, Nedra, 1966. 205 p.

GAS WELLS

Removal of fluid from gas well bottoms using a plunger lift. V.I. Shul'tatkov, I.U. V. Kobzev, *Gaz. delo* no. 4 8-11 '66.

GAS WELLS—TESTING see subdivision under *Tatar A.S.S.R.*

GASEOUS PLASMA

(see *Plasma (ionized gases)*)

GASES—ABSORPTION AND ADSORPTION

Absorption of argon, nitrogen, n-hexane, and benzene on boron nitride and molybdenum sulfide. L.D. Belakova, A.V. Kiselev, *Izv. AN SSSR, Ser. khim.* no. 4 638-642 '66.

GEOCHEMISTRY (Continued)

Calculation of the values of free energies of supergene minerals on the basis of the assumption of the stability of the chemical potentials and concentrations of the main elements in the waters of the world ocean. M. M. Zimolayev. *Koza vyvuti* no 7 13-45 '66.

Cobalt content in the waters and rocks of the Kislovodsk mineral water occurrences. I. I. Raspopov. *Timby NPI* 121:29-31 '61.

Comparative geochemistry of geosynclinal and platform sedimentary formations. A. B. Ronov and others. *Geokhimiya* no. 8 691-676 Ag '65.

Complex compounds of iron and aluminum with low-molecular organic acids. I. I. Sokolova. *Koza vyvuti* no 1 111-111 '66.

Effect of the increase of the parameter of the crystal lattice of sphalerite containing iron and its geochemical significance. B. O. Radtsevich, A. I. Volkova. *Geokhimiya* no 1 70-77 Ji '66.

Geochemical analysis of the genesis of potassium salts of the Salsburg layer. M. G. Vallashko, E. Stolle. *Geokhimiya* no. 8 977-985 Ag '65.

Geochemistry of gallium in pyrite-polymetallic and copper pyrochroite types of deposits. G. Kh. Efendiev, N. A. Novruzov, R. S. Abdullina. *Dokl. AN Azerb SSR* 21 no. 11:12-14 '65.

Geochemical principles of the origin of life. V. N. Florovskaya. *Vest. Mosk. un. Ser. 1 Geol.* 10 no. 2 3-12 Mr.-Ap '61.

Initial differentiation stage of the earth's material. K. P. Florenskii. *Geokhimiya* no. 8 909-915 Ag '65.

Pseudomorphoses of quartz and some geochemical processes in the producing layer of the Rozdol sulfat deposit. A. I. Shalinsk, Geol. i geokhim. mestorozh. tsv. gor. tek. no. 1:81-90 '65.

Stukov, A. A. [Geochemistry] *Geokhimiya*. Moskva, Nauka, 1965. 480 p.

Some trends in the study of the field of the geochemistry of endogenous processes. L. V. Tauson. *Geokhimiya* no. 8 906-1003 Ag '65.

Structure and vertical zoning of primary disposition halos in the Baleyak gold-ore zone. V. V. Polikarpovich, N. A. Kitanov, V. N. Sarapulova. *Geokhimiya* no. 8 1024-1037 Ag '65.

Study of the solubility of metapelite and chlorite-amphibole shale in natural organic acids in connection with the study of conditions governing the formation of bauxites. E. P. Leonardo and others. *Koza vyvuti* no. 7:69-110 '66.

Using geochemical methods in prospecting for heavy mineral concentrations. A. V. Kosterin. *Razved. i okh. nedr.* 31 no. 3:15-19 Mi '65.

GEOCHEMISTRY—CONGRESSES

Information on new experience in the field of abyssal processes. N. I. Khitarov. *Geokhimiya* no. 8 1050-1053 Ag '65.

Second All-Union Conference on Geothermobarometry. V. B. Naumov, I. L. Khodakovskii. *Geokhimiya* no. 2: 250-252 F '66.

GEODESY—ABSTRACTS

[Geodesy] *Ref. zhur. Geod.* nos. 4-5 Ap-May '66.

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL RESEARCH see subdivision under Cuba

GEOGRAPHY

(see also subdivision under Maritime Territory)

The past and the future of geography. I. P. Gerasimov. *Izv. AN SSSR. Ser. geog.* no. 2:3-14 Mr.-Ap '66.

GEOGRAPHY—ABSTRACTS

[Geography] *Ref. zhur. Geog.* nos. 4-5 Ap-May '66.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—CONGRESSES

Activities of the National Committee of Soviet Geographers in 1965. K. O. Lango. *Izv. AN SSSR. Ser. geog.* no. 2 121-122 Mi.-Ap '66.

First circular of the 21st International Geographical Congress. *Izv. AN SSSR. Ser. geog.* no. 2:122-125 Mr.-Ap '66.

GEOGRAPHY—PHILOSOPHY

Present state of the landscape theory and its principal philosophical problems. E. Szava-Kovats. *Izv. AN SSSR. Ser. geog.* no. 2:102-111 Mr.-Ap '66.

GEOGRAPHY, ECONOMIC

(see also subdivision 'Economic geography' under Great Britain, Ireland; Soviet Central Asia)

Economic geography yesterday and today. V. Maksakovskii. *Nov. mir.* 42 no. 3:261-264 Mr '66.

Geography of consumption and geography of service. S. A. Kovalev. *Vest. Mosk. un. Ser. 5 Geog.* 21 no. 2 3-10 Mr.-Ap '66.

Interaction of nature and society and economic geography. M. M. Zhuravskii. *Izv. AN SSSR. Ser. geog.* no. 2 95-102 Mr.-Ap '66.

Nikitin, N. P., E. D. Prozorov, and B. A. Tulykin, eds. [Economic geography of the U. S. S. R.] *Ekonomicheskaya geografiya SSSR*. Moskva, Prosveshchenie, 1966. 717 p. fold maps (insert)

GEOLOGICAL MODELING

Formation of the granulite of the Belaya River in Kamchatka, practice in stochastic modeling. A. B. Vistulskii. *Dokl. AN SSSR* 167 no. 5:1115-1118 Ap '66.

GEOLOGICAL RESEARCH

Akademiya nauk SSSR. Institut istorii estestvoznaniya i tekhniki. [History of the studies of minerals by expeditions of the Academy of Sciences of the U. S. S. R.] *Istoriya issledovaniy poleznykh iskopayemykh ekspeditsiyami Akademii nauk SSSR*. Moskva, Nauka, 1966. 165 p.

GEOLOGICAL SURVEYS

Impulsion of island. N. Shopalnikov. *Mol. komm.* no. 3:75-79 '66.

GEOLOGICAL TIME

(see also subdivision under Altai Mountains, Caucasus, Georgia, Kola Peninsula; Siberian Platform)

Absolute chronology of the contraction stages of Alpine glaciers. T. V. Makshinov. *Sov. geol.* 9 no. 3 81-96 Mr '66.

General stratigraphic scheme of the Precambrian. M. A. Semikhatov. *Izv. AN SSSR. Ser. geol.* 31 no. 4 70-84 Ap '66.

History of the formation of diamond placers of different age in the northeastern part of the Siberian Platform. B. I. Prikopchuk. *Izv. AN SSSR. Ser. geol.* 31 no. 1 41-55 Ap '66.

Nonequilibrium uranium in carbonate sediments and their age determination. V. V. Cherdynstev and others. *Geokhimiya* no. 2:139-145 F '66.

Proterozoic ultrabasic intrusions and the complex interpretation of data obtained from their absolute dating. G. D. Afanas'ev, I. V. Borisovich. *Izv. AN SSSR. Ser. geol.* 31 no. 3 3-15 Mr '66.

Using amphiboles for determining the absolute age of rocks. I. E. S. Burker, F. I. Kotlovskaya. *Geol. zhur.* 23 no. 6:101-103 '63.

Volitovich, G. V. [Age of the earth and geological chronology] *Vozrast Zemli i geologicheskoe ischisleniye*. Moskva, Nauka, 1965. 52 p. (Nauchno-populjarnaya seriya)

Very determination of the absolute age of uranium. V. A. Kirkinskii. *Geol. i geofiz.* no. 1 114-124 '66.

GEOLOGISTS

Volodja Zorin's reconnaissance surveys. E. Berling. *Mol. komm.* no. 2 11-15 '66.

GEOLOGISTS—EDUCATION AND TRAINING

Present state and ways of improving the economic training of students majoring in geology. M. I. Agoshkov, L. P. Kobakhidze. *Izv. vys. ucheb. zav. i razv.* 9 no. 4 3-7 Ap '66.

GEOLOGY

(see also subdivision under Chukchi Peninsula; Gissar Range, Kalmyk A. S. R.; Miusinsk Basin; Okhotsk Sea region; Ukraine; Ural Mountain region; Volga Valley)

Davydovskii, A. N. [Fundamentals of geology, mineralogy, and petrography] *Osnovy geologii, mineralologii i petrografii*. Kiev, Budivsel'nyk, 1966. 162 p.

Khalil, V. E., ed. [Problems of geology and paleogeography of the Quaternary] *Problemy geologii i paleogeografii antropogena*. [Moskva] Izd-vo Mosk. univ., 1966. 226 p.

Professor H. E. Hawkes (U. S. A.) visits the Department of Geology. E. M. Zakharova. *Vest. Mosk. un. Ser. 4 Geol.* 10 no. 2:72-73 Mr.-Ap '64.

Session of the Department of Geology. I. M. Plakizhova. *Vest. LGU* 18 no. 2:145-147 '63.

Simplification of and specialization in geological field work. A. S. Khakham. *Razved. i okh. nedr.* 31 no. 3:25-27 Mr '65.

GEOLOGY—ABSTRACTS

[Geology] *Ref. zhur. Geol.* nos. 4-5 Ap-May '66.

GEOLOGY—CONGRESSES

Conference on the mineralogy, geochemistry, genesis, and complex utilization of the wolframite deposits of the U. S. S. R. D. V. Rundkvist, L. F. Syz'ko. *Geol. rud. mestorozh.* 8 no. 2:121-123 Mr.-Ap '60.

Out-of-town session of the Department of Earth Sciences in the Far East. M. S. Nagibina. *Geotektonika* no. 2: 124-128 Mr.-Ap '66.

Seventh Congress of the Carpatho-Balkan Geological Association. V. V. Shcherbina. *Geokhimiya* no. 1 133-131 Ji '66.

Some problems of the development of the earth's crust and tectonics at the 22d session of the International Geological Congress. *Izv. vys. ucheb. zav. i razv.* 9 no. 4 149-153 Ap '68.

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Alyaly Upland, Aral Sea region, Azerbaijan, Badkhyz region, Turkmenistan, Black Sea region, Bug Valley, Carpathian Mountains, Caspian Lowland, Caspian Sea region, Caucasus, Daghestan, Dnieper Valley, Donets Basin, Kura Kum, Kazakhstan; Khabarovsk Territory, Kirov Rog Basin, Kuznetsk Alatau, Manglisl region, Goozgin, Mongolia, Onega Lake region, Paropamusan Mountains, Perm Province, Pitynyat region, Uzbekistan; Podkamenaya Tunguska Valley, Ruchin Range, Russian Platform, Second Daku, Transbaikalia, Transcarpathia, Tuva region, Turkmenistan; Turukhansk District, Ukolayut Valley, Ukraine, Ural Mountains, Usalka Valley, Krasnoyarsk Territory, Volga Valley, Yenisey Range)

Basic division of the Carboniferous system. A. D. Milyukho-Makla. *Vest. LGU* 18 no. 24:38-46 '63.

Danienian stage. V. P. Kazarova. *Vest. Mosk. un. Ser. 1 Geol.* 19 no. 2 26-34 Mi.-Ap '61.

GEOLOGY, STRATIGRAPHIC—CONGRESSES

Natsionalnyi Komitet geologov Sovetskogo Soyuza.

[Geology of coal measures and the stratigraphy of the Carboniferous of the U. S. S. R.] *Geologiya uglenosnykh formats i stratigrafiya karbona SSSR*. Moskva, Nauka, 1965. 314 p.

GEOLOGY, STRUCTURAL

(see also subdivision under Alps, Arys' Depression; Azerbaijan, Caspian Lowland, Caspian Sea, Caspian Sea region, Caucasus, Northern, Dnieper Valley; India, Kaney District, Kazakhstan, Khalauga Depression, Khabinsky Mountains; Kirov Rog Basin, Kura Valley, Kuybyshev Province, Mangyshlak Peninsula, Manysh Depression, Maritime Territory; Miusinsk Basin; Moldavia; Pacific Area; Pechora Valley; Penedovoy Range, Perm Province; Saratov Province; Sayan Mountains; Siberia, Western, Siberian Platform; Sikhote-Alin' Range, South America, Soviet Far East, Taimyr A. S. R.; Tuva Plateau, Turkmenistan, Ural Mountain region; Ural Mountains, Ustyul, Verkhoyansk Range, Volgograd Province; West Siberian Plain)

Aliev, V. I. [Isidotherm and wallrock metamorphism in the Chirgizdara-Togantay ore field] *Okolodnyye gidrotermalno-metamorficheskie izmeneniya v Chirgizdara-Togantayskom rudnom pole*. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 191 p.

Basement of the Early Proterozoic eugeosynclines. E. B. Nalivikina. *Geotektonika* no. 2:57-62 Mr.-Ap '66.

Concerning a peculiar type of buried uplifts. E. V. Kucheruk, E. A. Silonov. *Geol. nefte i gazu* 10 no. 1: 28-31 Ap '66.

Criteria of rock resistance based on the surface structure of boundary conditions according to experimental data. R. M. Elgeles. *IU 11 Estin. Fiz. i tekhn. problemyab poliskop.* no. 6 3-13 '65.

Tectonic and igneous heterogeneity of geosynclinal troughs and its metallogenetic significance. V. V. Bogalskii. *Geotektonika* no. 2:63-71 Mr.-Ap '66.

GEOLOGY, STRUCTURAL—CONGRESSES

Fourth session of the Council of the Tectonics of Siberia and the Far East. *Geol. i geofiz.* no. 1:115-151 '66.

Problems of igneous activity and tectonics at the Ural session of Complex Studies of the Earth's Crust and Upper Mantle. A. P. Lebedev, N. G. Udovkina, T. I. Frolova. *Izv. AN SSSR. Ser. geol.* 31 no. 4:146-155 Ap '66.

GEOLOGY, STRUCTURAL—MAPS

(see also subdivision under Alps; Europe)

Representation of structural elements on tectonic maps of oil and gas provinces. N. N. Voronov, V. P. Ivanov. *Neftgaz. geol. i geofiz.* no. 4:38-40 '66.

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY

Fetisov, A. I. [Essays on Euclidean and non-Euclidean geometry] *Ocherki po evklidovoi i neevklidovoi geometrii*. Moskva, Prosveshchenie, 1965. 233 p.

Kogan, B. I. U. [Application of mechanics to geometry] *Prilozheniye mekhaniki k geometrii*. Moskva, Nauka, 1965. 54 p. (Populjarnyye teksty po matematike, no. 41)

Rashevskii, P. K. [Riemann geometry and tensor analysis] *Rimanova geometriya i tenzornyy analiz*. Izd. 2. Moskva, Nauka, 1964. 604 p.

GEOMETRY—STUDY AND TEACHING

Study of plane geometry became easier. A. I. Blasov. *Vest. vys. shkoly* 24 no. 3:53-56 Mr '60.

GEOMETRY, DESCRIPTIVE

Some problems of studying the multilinked mechanisms of agricultural machinery by the methods of descriptive geometry. L. M. Kupershtokh, A. I. Bodnar. *Trudy Tsel'sel'mkhoz. inst.* 3 no. 3:10-17 '65.

GEORGIA—DESCRIPTIVE—PROBLEMS, EXERCISES, ETC.

DESCRIPTIVE A.P. [with problems in descriptive geology] *Trudy Tbilisskogo gos. univ.* 1962 111 p. [Microfilm]

GEORGIA—DIFFERENTIAL

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEORGIA—PHOENIX—METHODOLOGY

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEORGIA—PHOENIX—METHODOLOGY

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—ABSTRACTS

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—BIBLIOGRAPHY

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—BIBLIOGRAPHY

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—BOOK SCORPIONS

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—BOTANY

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—COURTS

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—DAIRY BARN

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—DOMESTIC RELATIONS

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—EDUCATION, HIGHER

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—EVIDENCE, CRIMINAL

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—GEOLOGICAL TIME

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—GLYPTICS

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

GEOPHYSICS—HISTORY

Trudy Tbilisskogo gos. univ. 1962 111 p. [Microfilm]

History of the French-Georgian relations at the beginning of the 18th century. T.M. Tabagian. *Trudy AN Gruz SSR* 41 no. 3:503-510 F '66

GEORGIA—HISTORY—SOURCES

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—ICHNEUMON FLIES

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—INSCRIPTIONS

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—LABOR AND LABORING CLASSES

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—LAUREL

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—MOLLUSKS, FOSSIL

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—OLIVE

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—OSSETES

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—PERIWINKLE (BOTANY)

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—PETROLEUM—ANALYSIS

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—PURCHASING POWER

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—RUNOFF

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—SOIL ACIDITY

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—SOIL CONSERVATION—EQUIPMENT AND SUPPLIES

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—SOILS

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—SUPPLY AND DEMAND

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—TREMATODA

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—TROPICAL CROPS

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—VILLAGES

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—VOCATIONAL EDUCATION

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIA—WINDBREAKS, SHELTERBELTS, ETC.

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIAN BALLADS

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIAN DECORATION AND ORNAMENT

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIAN LANGUAGE—DICTIONARIES—ENGLISH

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIAN LANGUAGE—DICTIONARIES—RUSSIAN

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GEORGIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GERANIOL—THERAPEUTIC USE

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GERASIMOV, INNOKENTII PETROVICH, 1903-

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GERASIMOV, SERGEI VASIL'EVICH, 1886-1964

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GERBILS—DISEASES AND PESTS

Trudy AN Gruz SSR 41 no. 3:503-510 F '66

GERBILS—PARASITES

GERMANATES

Trivalent iron germanates. M. A. Menkovskii and others. Zhur. neorg. khim. 11 no. 2:430-431 F '66.

GERMANE

Preparation and hydrolysis of methyl (β -chloroethoxy) germane. G. I. Zucva, V. A. Ponomarenko. Izv. AN SSSR. Neorg. mat. 2 no. 3:472-477 Mr '66.

GERMANIC LANGUAGES—ACCENTUATION

Katsnel'son, S. D. [Comparative accentuation of the Germanic languages] Svranyitel'naya aktsentologiya germanskikhazykov. Moskva, Nauka, 1966. 345 p

GERMANIUM

Character of the relation of germanium to fossil coal matter. I. S. Sof'ry, K. A. Gorlenko, I. N. Semasheva. Geokhimiia no. 4:362-367 Ap '61.

Genesis of germanium in fossil coals. A. Z. Shirokov, S. M. Sedanko. Geol. i geokhim. mestorozh. i voi. gor. isk. no. 1:3-13 '65

Sorption of germanium from aqueous solutions of germanium dioxide by mined coal ashes. M. I. A. Shpirt and others. Zhur. prikl. khim. 39 no. 1:215-218 Ja '66

GERMANIUM—ANALYSIS

Polarographic determination of germanium in ores and concentrates. G. A. Volkova, V. G. Sochevanov. Zav. lab. 31 no. 5:511-513 '65

GERMANIUM—THERMAL PROPERTIES

Thermodynamic stability of germanium and silicon near absolute zero. V. K. Semenenchenko, T. D. Soldatova. Zhur. fiz. khim. 40 no. 2:458-460 F '66

GERMANIUM CHLORIDES

Rapid method of determining microgram quantities of iron in germanium tetrachloride. L. N. Filalova, I. F. Golovaneva. Trudy IREA no. 27:215-218 '65.

GERMANIUM COMPOUNDS

Basic germanium iodate and periodate. N. I. Lobanov. Zhur. neorg. khim. 11 no. 2:438 F '66.

Germanium compounds formed during the burning of coal. M. I. A. Shpirt, A. Z. Iliovskii, T. I. Sendul'skaya. TSvet. met. 30 no. 3:60-62 Mr '66

Hydrazine compounds of germanium. P. V. Gogoi'shvil, I. A. Kvezereli. Soob. AN Gruz. SSR 41 no. 2:323-328 F '66

GERMANIUM ORGANIC COMPOUNDS see Organo-germanium compounds

GERMANIUM OXIDES

Change of the state and solubility of germanium dioxide in aqueous ammonia solutions. V. A. Vekhov, B. S. Vitukhnovskaya, R. F. Doronkina. Zhur. neorg. khim. 11 no. 2:237-242 F '66.

GERMANIUM SALTS

Synthesis and properties of some germanium thio salts. N. V. Putkharadze. Soob. AN Gruz. SSR 41 no. 3:550-565 Mr '66.

GERMANIUM-SILICON ALLOYS

Calculation of solidus curves for binary germanium and silicon systems. G. M. Kuznetsov. Dokl. AN SSSR 167 no. 4:952-954 Ap '66.

GERMANY—COLONIES

Early stage of the colonialist expansion of the German Empire in the first half of the 1880's. I. S. Charnyi. Uch. zap. MGPI no. 205:241-263 '64.

GERMANY—FOREIGN ECONOMIC RELATIONS—RUSSIA

The policy of German imperialism toward the U.S.S.R. in the early phase of the world economic depression of 1929-1933. I. U. P. Murav'ov. Uch. zap. MGPI no. 205:35-54 '64.

GERMANY—HISTORY

As seen by an historian and contemporary. E. Gnedin. Nov. mir 41 no. 3:260-263 Mr '65.

GERMANY—IMPERIALISM

As seen by an historian and contemporary. E. Gnedin. Nov. mir 41 no. 3:260-263 Mr '65.

GERMANY—REVOLUTION, 1918

Liberation war of the Ukrainian people in 1918 and the opening of the revolutionary crisis in Germany. II. L. Niko'nykov. Ukr. ist. zhur. no. 2:32-45 F '66.

GERMANY—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"Der Kreisauer Kreis" in historical literature. N. S. Cherkasov. Trudy TGU 178:136-148 '65.

Problems of the German antifascist resistance movement discussed in the historiography of the German Federal Republic. N. S. Cherkasov. Trudy TGU 178:108-135 '65.

GERMANY, EAST—AGRICULTURAL MACHINERY

Tractors and agricultural machinery of the German Democratic Republic. A. N. Volda. Trakt. i sel'khoz. mash. no. 5:45-47 My '66.

GERMANY, EAST—BIBLIOGRAPHY

[New literature on the German Democratic Republic] Nov. lit. po Ger. Dem. Rosp. no. 3 '66

GERMANY, EAST—COMMUNIST PARTY

Militant vanguard of the workers of the German Democratic Republic. W. Stof. Komm. Vooruzh. Sil 47 no. 8 61-65 Ap '66

The 20th anniversary of the merging of the Communist and Social Democratic Parties of Germany. Walter Ulbricht. Kommunist 43 no. 5:90-101 Ap '66.

GERMANY, EAST—COMMUNIST YOUTH

The 20th anniversary of the League of German Free Youth. Mol. komm. no. 3:58-59 '66.

GERMANY, EAST—DIALECTICAL MATERIALISM

Books calling for ideological struggle. I. A. G. Pogeler. Nauch. dokl. vys. shkoly, filol. nauk 9 no. 2:121-126 '66.

GERMANY, EAST—EDUCATION, HIGHER

Planning of higher education in the German Democratic Republic (from the pages of "Das Hochschulleben"). I. Davydov. Vest. vys. shkoly 24 no. 4:81-84 Ap '66.

GERMANY, EAST—ENTOMOLOGY—CONGRESSES

Congress of entomologists in the German Democratic Republic. B. Vereshchagin. Zashch. rast. 11 no. 2:56-57 '66.

GERMANY, EAST—FOREIGN RELATIONS—GERMANY, WEST

"German dialogue": an interview. Joachim Herrmann. Nov. vsem. 23 no. 19:17-18 My '66.

GERMANY, EAST—INCENTIVES IN AGRICULTURE

Incentives for the procurement of agricultural products in the Democratic Republic of Germany. P. Zakusilo. Zakup. sel'khoz. prod. no. 3:53-54 Mr '66

GERMANY, EAST—MACHINE ACCOUNTING

Organization of machine accounting in the Democratic Republic of Germany. V. Rozhnov. Bukhgh. uch. 31 67-69 Mr '66.

GERMANY, EAST—PASTURES AND MEADOWS

Use of fertilizers and herbicides in meadows of the German Democratic Republic. A. A. Zotov. Khim. v sel'khoz. no. 4:76-80 Ap '66.

GERMANY, EAST—PRODUCE TRADE

Incentives for the procurement of agricultural products in the Democratic Republic of Germany. P. Zakusilo. Zakup. sel'khoz. prod. no. 3:53-54 Mr '66

GERMANY, EAST—TILES

Machine unit for pressing, cleaning and stacking ceramic tiles. Stok i ker. 23 no. 4:39-40 Ap '66.

GERMANY, EAST—TRACTORS

Tractors and agricultural machinery of the German Democratic Republic. A. N. Volda. Trakt. i sel'khoz. mash. no. 5:45-47 My '66.

GERMANY, EAST—UNITED NATIONS

Legal rights of the German Democratic Republic. D. Donoslavskii. Mezhdunar. zhizn' 13 no. 5:113 '66.

GERMANY, WEST—CAPITALISM

Report of A. Helmze, Professor of the University of Leipzig. Vest. LGU 21 no. 5:164 '66.

GERMANY, WEST—COMMERCE—UNDERDEVELOPED AREAS

Foreign trade of the Federal Republic of Germany with developing countries. V. Zhelezova. Nauch. dokl. vys. shkoly, ekon. nauk 9 no. 2:97-104 '66.

GERMANY, WEST—CONSTITUTION

The Federal Constitutional Court of the German Federal Republic is a stronghold of reaction and reaction seeking. M. Nudel'. Rad. pravo 29 no. 4:90-93 Ap '66.

GERMANY, WEST—COURTS

The Federal Constitutional Court of the German Federal Republic is a stronghold of reaction and reaction seeking. M. Nudel'. Rad. pravo 29 no. 4:80-83 Ap '66.

GERMANY, WEST—DESCRIPTION AND TRAVEL

To the west of the Elbe. D. Mel'nikov. Nov. mir. 42 no. 3:167-188 Mr '66.

GERMANY, WEST—ECONOMIC POLICY

Report of A. Helmze, Professor of the University of Leipzig. Vest. LGU 21 no. 5:164 '66.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—AFRICA

Revenge in Africa. V. Berezin. Az. i Afr. seg. 9 no. 5:14-16 My '66.

GERMANY, WEST—FOREIGN RELATIONS—EGYPT

Two Germanies, two principles of assistance. IU. Sham'val. Az. i Afr. seg. 9 no. 5:20 My '66.

GERMANY, WEST—FOREIGN RELATIONS—EUROPE, EASTERN

Rasch, Harold. [What is the future of West Germany? Thoughts of a professor at Frankfurt University. Translated from the German] Kuda idet Zapadnaya Germaniya? Izznyshleniia professora Frankfurtskogo universiteta. Vstup. stat'ia i red. Z. S. Steinitzen. Moskva, Progress, 1965. 139 p. (CS-10)

GERMANY, WEST—FOREIGN RELATIONS—ISRAEL

Israel: Conversations with Adenauer. O. Aksanov. Nov. vrem. 23 no. 20:21 My '66

GERMANY, WEST—FOREIGN RELATIONS—RHODESIA

Don and Salisbury. D. Umanski. Az. i Afr. seg. 9 no. 5:22-24 My '66.

GERMANY, WEST—FOREIGN RELATIONS—SPAIN

Schöder's visit behind the Pyrenees. Juan Cobo. Mezhdunar. zhizn' 13 no. 5:114-116 '66.

GERMANY, WEST—GAS, NATURAL

Gas prospecting in the German Federal Republic. V. F. Gorbachev. Gaz. prom. 11 no. 4:59-60 '66

GERMANY, WEST—HISTORIOGRAPHY

"Der Kreisauer Kreis" in historical literature. N. S. Cherkasov. Trudy TGU 178:136-148 '65.

Problems of the German antifascist resistance movement discussed in the historiography of the German Federal Republic. N. S. Cherkasov. Trudy TGU 178:108-135 '65.

GERMANY, WEST—MILITARISM

The Federal Republic of Germany; a new phase of militarization. V. Tivanov. Mirov. i mezhdunar. otn. no. 5:97-98 '66.

GERMANY, WEST—NEWSPAPERS

The Bonn octopus. D. Umanski. Sov. poch. no. 11:58-61 N '64.

GERMANY, WEST—PHILOSOPHY

Criticism of certain bourgeois concepts of personality in West German philosophy. R. A. Bozik. Vest. LGU 21 no. 5:74-82 '66

GERMANY, WEST—POLITICS AND GOVERNMENT

Postage stamps with a swastika. E. Dmitriev. Mol. komm. no. 2:102-107 '66.

GERMANY, WEST—PRESS

The press of the German Federal Republic. V. Iakovlev. Mezhdunar. zhizn' 13 no. 5:139-141 '66.

GERMANY, WEST—RAILROADS—COMMUNICATION SYSTEMS

Railroad communications of the Federal Republic of Germany. Z. Begun. Tyl i snab. Sov. Voor. Sil 26 no. 3:90-93 Mr '66.

GERMANY, WEST—RELATIONS (MILITARY) WITH THE UNITED STATES

Against the stream. A. Gregor'iants. Nov. vrem. 23 no. 23:17-19 Ja '66.

GERMANY, WEST—SUGAR BEET MACHINERY

Machinery for sugar beet harvesting in the German Federal Republic. K. Kh. Stepanuk. Trakt. i sel'khoz. mash. no. 4:42-44 Ap '66.

GERMANY, WEST—TANK VESSELS

The tankers "Esso Deutschland" and "Esso Don Haag." V. M. Vekaler. Sudostroyenie 30 no. 4:69-61 Ap '64.

GERMANY, WEST—WAR CRIMINALS

Riasol, V. V., and I. U. M. Chernyavskii. [In the footsteps of an executioner] Po sledam palacha. Moskva, Iuridicheskaya literatura, 1966. 80 p.

GERMINATION

Effect of complexons on the pollen germination. U. A. Petrochenko. Nauch. dokl. vys. shkoly, biol. nauk 9 no. 2:149-152 '66.

Effect of light on the germination of seeds of forest and meadow-forest plants. G. P. Rysina, L. P. Ryabin. Nauch. dokl. vys. shkoly; biol. nauk 9 no. 2:107-110 '66.

Germination of the seeds of Hemorocalis. A. V. Poptsov. Bull. Glav. bot. sssd. no. 60:57-61 '65.

Methodology of determining the germination of forage bean seeds. N. V. Serebriakova. Trudy VNIIZ no. 53 163-165 '64.

Possibility of using quinines for activating the ripening and germination of seeds. A. L. Kursanova, O. N. Kulaseva, I. U. B. Kononov. Agrokhimia no. 4:107-114 Ap '66.

State of phytin in aleurone grains of mature and germinating seeds. A. M. Sobolev. Fiziol. rast. 13 no. 2:193-200 Mr-Ap '65.

- GLUING**
Intermediate strength in gluing L. M. Kovalchuk, N. L. Netushil, A. M. Chistakov Plast. massy no 1 65-68 '68
- Ochilunkov, A. P.** [Welding and gluing of plastics] Svarka i sklevaniye plastmass. [Kulbyshev] Kulbyshevskoe knizhnoe izd-vo, 1965. 19 p. (Periabolka plastmass)
- GLUTAMIC ACID**
Solubility of koniagin V. P. Musurkov, T. A. Zhoblo Farmatsezh. zhur. 19 no 1 69-72 '61
- GLUTAMIC ACID—PHYSIOLOGICAL EFFECT**
Effect of folic acid and aminopterin on the contractile function of the cardiac muscle in its compensatory hyperfunction I. Z. Akerson, V. V. Dargachev, T. A. Iztol. eksp. ter. ap. 10 no 1 51-56 Ja-F '66
- GLUTAMIC ACID METABOLISM**
Effect of dehydration on oxidative deamination of glutamic acid-NH₂ in *Vibrio faba* (tissues) T. F. Korotkaya, V. N. Zholkevich Fiziol. iust. 13 no 2 290-295 Mi-Ap '66.
- GLUTAMIC—OXALACETIC TRANSAMINASE**
Regulation of the activity of alanine-glutamic transaminase and glutamic-aspartic transaminase of the liver and kidneys by adrenocortical and thyroid hormones, L. L. Alievskaya, Vop. med. khim. 11 no 3 57-63 My-Je '65.
- GLUTAMIC—PYRUVIC TRANSAMINASE**
Regulation of the activity of alanine-glutamic transaminase and glutamic-aspartic transaminase of the liver and kidneys by adrenocortical and thyroid hormones, L. L. Alievskaya, Vop. med. khim. 11 no 3 57-63 My-Je '65.
- GLUTEN**
Effect of trace elements on the accumulation of gluten in durum wheat in Azerbaijan S. M. Nasirov, Izv. VNIIZ no 53, 131-140 '61
- Intravarietal variability of soft wheat according to the content and quality of gluten, O. I. Malashenko and others, Vest. sel'khoz. nauk 10 no 3, 118-123 Mi '65.
- GLYCERALDEHYDE—PHOSPHATE DEHYDROGENASE**
Study of the effect of orthophenanthroline on the activity of 3-phosphoglycerinaldehyde dehydrogenase from the skeletal muscles of a rabbit, M. K. Nagradova, Biokhimiya 31 no 1 42-49 Ja-F '66.
- GLYCEROL**
Solubility of fatty acids and some of their salts in glycerol-water and glycerin M. V. Irolov, N. S. Litseva, Masl. zhur. prom. 12 no 2 19-20 F '66.
- GLYCINE**
Interaction of chloride and bromide of trivalent thallium with glycine, A. V. Grinova, N. T. Presniak, Zhur. ob. khim. 36 no 4 757-759 Ap '66.
- GLYCININ**
Study of the interaction between chlorophyllin (a+b) and glycinin at various pH values, A. V. Kartakin, L. A. Gchulina, Biokhimiya 31 no 1 3-7 Ja-F '66.
- GLYCOGEN**
Histochemical study of glycogen in the ovary of cattle during the uterine period of development, G. B. Eyranova, Uch. zap. KVI 83:218-222 '64.
- GLYCOGEN IN THE BODY**
Age-related changes in the glycogen content in the liver and muscles of rats G. G. Gatsko, T. M. Mironova, Dokl. AN BSSR 10 no 3 217-218 Mr '66
- Dynamics of the glycogen content in the heart muscle of rabbits of different ages under the influence of physical stress, N. M. Oshnyk, Dop. AN URSR no 3, 403-408 '66.
- Effects of a course of treatment with Dzhermuk mineral water on the content of glycogen and mineral components in liver tissues S. A. Mironov, R. A. Grigorian, Dokl. AN Arm. SSR, 12 no 1 60-64 '66
- GLYCOLIC ACID**
Substituted hydrazides of hydroxycarboxylic acids, Part 23: m-Tolylhydrazides of diaryl- and dialkylglycolic acids, I. S. Bordinskii and others, Zhur. org. khim. 2 no 2 318-322 F '69.
- GLYCOLS**
Dehydration of primary-secondary acetylenic δ -glycols of the acyclic series, V. M. Vlasov and others, Izv. AN SSSR, Ser. khim. no 1 64-76 '66.
- Ethoxyethyl ethers of polyvinylene glycol and copolymers of vinyl alcohol and vinylene glycol, L. E. Klubikova, O. M. Klimova, T. O. Panina, Zhur. prikl. khim. 38 no 2 450-461 F '65.
- GLYCOLYSIS**
Characteristics of glycolysis and oxidative metabolism in *Salmonella typhi* and typhimurium of different virulence, T. I. Laronova, D. G. Kudlai, V. G. Petrovskaya, Vop. med. khim. 12 no 2 169-176 Mr-Ap '66.
- Respiration in mitochondria and anaerobic glycolysis in the dynamics of the development of experimental myocardial infarction N. M. Razumna, Fiziol. zhur. [Ukr.] 12 no 2 218-221 '66.
- GLYCOPEPTIDES**
Synthesis and study of the properties of 6-O-(-L-asparaginyl)-D-glucose, V. A. Delevitskaya and others, Khim. prirod. soed. no 2 77-82 '65.
- GLYCOPROTEINS**
Biological role of glycoproteins in an animal organism, T. A. Babayev, Uzb. med. zhur. 10 no 1 7-12 '66
- GLYCOSIDES**
Diacetophalloside, a new flavonoid glycoside from *Diacetophallum thymifolium* L. V. I. Litvinenko, T. A. Seiglenko Khim. prirod. soed. no 2 137-139 '65
- Glycosides from ginseng roots, Part I: Isolation of new glycosides from ginseng, N. I. Uralova and others, Khim. prirod. soed. no 2 82-86 '65
- Occurrence of glucodiglycoside in *Erysimum cheiranthoides* L. F. Makarevich, Khim. prirod. soed. no 2 87-90 '65
- GLYCOSURIA**
Relation of glycosuria to the functional state of the kidneys in diabetes mellitus, V. V. Chirkov, Probl. endok. i gorm. 12 no 2 33-36 Mr-Ap '66
- GLYOXAL**
Carbonyl derivatives of the fluorene series. Part 3: 2-chlorofluorenyl-7-glyoxal and 2-chlorofluorenyl-7-glyoxal, G. I. Urteckaya, A. A. Dzhurina, M. I. A. Kraft, Zhur. org. khim. 2 no 2 295-297 F '66.
- GLYOXYLIC ACID**
Catalytic monomer synthesis with carbonyl compounds, Addition of isobutylenic to glyoxylic and pyruvic acid esters, E. Klimova, I. U. Arizov, Dokl. AN SSSR 167 no 5 1060-1062 Ap '66
- GLYPTICS** see subdivision under Georgia
- GOAT WILLOW**
Effect of preparations of the male inflorescence of the goat willow on the cardiovascular system A. A. Nasudin, Azerb. med. zhur. 12 no 12 12-17 D '65.
- GOATS** see subdivision under Kazakhstan
- GOGOL', NIKOLAI VASIL'EVICH, 1809-1852—ILLUSTRATIONS**
New illustrations for Russian classics, Yu. Pimenov, Nov. mi 42 no 2 261-265 F '66.
- GOTER** see subdivision under Kirghiz Dists. [cl]; Kuybyshev Province, Transbaikalia; Uzbekistan
- GOLD**
(see also subdivision under Pamirs)
The gold market in 1965, K. Shirom, Den. i kred. 24 no 4 82-83 Ap '66
- GOLD MINES AND MINING—LABOR PRODUCTIVITY**
see subdivision under Kolyma Valley
- GOLD ORES** see subdivision under Transcarpathia
- GOLODNAYA STEPPE—IRRIGATION FARMING**
Vivifying water, B. I. Akovlev, Mol. komm. no 3 17-25 Mr '65.
- GOLODNAYA STEPPE—RURAL CONDITIONS**
Vivifying water, B. I. Akovlev, Mol. komm. no 3 17-25 Mr '65.
- GOLODNAYA STEPPE—RURAL CONSTRUCTION**
Experimental construction in the Golodnaya Steppe, T. G. Vyskind, Stroitel. i inzh. Urb. 7 no 4 20-23 Ap '66
- GOMEL'—GLASS MANUFACTURE—MANAGEMENT**
The Gomel' plant is the first in the glass industry to work according to the new system of planning, I. I. Ben', B. L. Pozin, Stek. i ker. 23 no 4 1-4 Ap '66
- GOMEL'—OIL INDUSTRIES**
Gomel' Oils and Fats Combine, N. P. Ikhnova, A. I. A. Zak, Masl. zhur. prom. 32 no 3 5-7 Mr '66.
- GONADOTROPIN**
Effect of the nervous system on the sensitivity of rat ovaries to the luteinizing hormone, I. A. D. Kishenblat, V. N. Seibonuk, Probl. endok. i gorm. 12 no 2 100-105 Mr-Ap '66.
- GONIOMETRY**
Goniometry as a method for determining functions of the spine, V. A. Karelin, Voen-med. zhur. no 4 63-67 Ap '66.
- GONORRHEA**
Treatment of gonorrhea in males, V. I. Zhukov, Voen.-med. zhur. no 3 70-71 Mr '66.
- GOOSEBERRIES**
Some characteristics of the development of the embryos and sprouts of gooseberries, A. M. Tondorzhentko, Uzb. med. zhur. 23 no 2 31-37 '66
- GOOSEBERRIES—DISEASES AND PESTS**
Favities on currants and gooseberries, R. Paulson, Zashch. rast. 11 no 2 15-11 '66.
- GORGANY MOUNTAINS—STELLARIA**
Finding *Stellaria diffusa* Willd. in the Gorgany Mountains, I. I. Buzko, Uzb. med. zhur. 23 no 2 80-82 '66
- GORAINOV, KIRILL EMANUILOVICH, 1908-**
K. E. Gorainov is 60 years old, Stek. i ker. 23 no 4 47 Ap '66
- GOR'KH, MAKSIM, 1868-1936**
Story of a falsification, L. Azadovskaya, Nov. mi 41 no 3 213-229 Mi '65.
- GORKIY—AUTOMOBILE INDUSTRY—ELECTRIC EQUIPMENT**
Experience in the operation of electric motors in the Gorkiy Automobile Factory, N. F. Pashenichnyi, Elektro-tekhnika 37 no 4 56-58 Ap '66.
- GORKIY—CARGO HANDLING—LABOR PRODUCTIVITY**
What obstructs the acceleration of the servicing of the fleet, I. A. Mirman, Rech. i transp. 25 no 3 13-15 '66
- GORKIY—CLOUDS**
Observations on noctilucent clouds in Gorkiy in 1964, E. G. Demidovich, A. P. Poroshin, Meteor. issl. no 12: 113-114 '66.
- GORKIY—COLLECTIVE LABOR AGREEMENTS**
Collective labor agreements and the rights of young workers, A. Novikov, Mol. komm. no 2 33-36 '66.
- GORKIY—GAS, NATURAL—COMBUSTION**
Effectiveness of using natural gas in enterprises of Gorkiy, B. V. Shumil, Gaz. prom. 11 no 3 41-43 '66
- GORKIY—MACHINERY INDUSTRY—FINANCE**
Intraplant business accounting under the new system, V. Khvorosh, Plan. i khor. 13 no 5 74-80 My '66.
- GORKIY—MILITARY EDUCATION**
Military hardening, N. K. Nikol'skii, Voen. znan. 42 no 4 33 Ap '66.
- GORKIY—OIL INDUSTRIES**
Oils and Fats Combine in Gorkiy, A. N. Riabov, Masl. zhur. prom. 32 no 3 5-6 Mi '66.
- GORKIY—RAILROADS—STATIONS**
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- GORKIY PROVINCE—COLLECTIVE FARMS—PENSIONS**
Secret of success, M. Fedin, Sots. obsch. 41 no 3 7-9 Mr '66.
- GORKIY PROVINCE—FIRES AND FIRE PREVENTION**
Changes, M. Gusev, Poch. i sel. no 3 5-6 Mi '66.
- GORKIY PROVINCE—PRODUCE TRADE**
Improve the quality of products, V. Semenov, Zakup. sel'khoz. prod. no 3 5-7 Mi '66
- GORKIY RESERVOIR—LOCKS (HYDRAULIC ENGINEERING)**
For better operation of navigational structures, V. L. L. Rech. i transp. 24 no 9 35-36 '65.
- Improving the reliability and operational characteristics of locks, A. Maksimov, Rech. i transp. 24 no 9 34-35 '65.
- The Kuybyshev and Gorkiy navigational structures on the Volga River are 10 years old, V. V. Vantskil, Rech. i transp. 24 no 9 32-33 '65.
- Potential traffic capacity of locks, A. Rynda, Rech. i transp. 21 no 9 35-37 '65.
- GORLOV, PETR SEMENOVICH, d. 1942**
Repeating the heroic deed of Panfilov's men, L. Rusin, Voen. znan. 42 no 4 8-9 Ap '66.
- GORLOVKA (DONETSK PROVINCE)—COKE INDUSTRY**
Gorlovka Coke and Coal Chemicals Plant, A. P. Moroz, Khim. i khim. no 3 58 '69
- GORNQ—BADA KISHAN AUTONOMOUS PROVINCE—PETROGLYPHS**
A brief review of the petroglyphs in the Gorno-Badakhshan Autonomous Province of the Tajik S.S.R., V. A. Ranzov, A. V. Gurskii, Sov. ein. no 2 110-119 Mr-Ap '66
- GOVERNMENT OWNERSHIP** see subdivision under Belgium; Great Britain

GRAFTING

Studying the nutrient conditions of apple in relation to the biological characteristics of rootstocks and scions. I. V. Bumbul. *Izvestiya vuzovskoi Mol.* no. 4:150-153 '65.

GRAIN

(see also subdivision under Kalach District, Voronezh Province)

Plenum of the section for grain and pulse crops. M. M. Vest. sel'khoz. nauki 10 no. 3:147-149 Mr '65.

Quantitative estimation of yield-determining factors. A. Kotchenkov. *Ekon. sel'khoz.* 41 no. 4:66-72 Ap '66.

GRAIN—ANALYSIS AND CHEMISTRY

Determine the ash content of grain more precisely. V. Koschov. *Izvestiya vuzovskoi Mol.* no. 3:23-24 Mr '66.

GRAIN—CLEANING

Automation of the mechanical ventilation of grain. V. R. Kraus, I. L. Ginyk. *Vest. sel'khoz. nauki* 10 no. 3:108-112 Mr '65.

Dusts of grain. E. Tamatov, A. Chetaniyev. *Izvestiya vuzovskoi Mol.* no. 3:24-25 Mr '66.

Intensification of grain separation by cylindrical sieves. N. B. Bok, G. P. Kuz'min. *Trudy TsSU, sel'khoz. inst.* 3 no. 3:10-23 '65.

Maximum relative speed of the movement of grain over a sieve. V. N. Makarov. *Uchenye zapiski Mordovskogo univ.* no. 45:30-36 '64.

GRAIN—DISEASES AND PESTS see subdivision under Tajikistan

GRAIN—DRYING

Automation of drying processes in a pneumatic gas recirculation grain dryer. V. Kasper. *Muk. -elev. prom.* 32 no. 4:23-24 Ap '66.

Calculating the necessary quantity of air for the cooling chamber of a grain dryer. M. Skorovarov. *Muk. -elev. prom.* 32 no. 3:26-27 Mr '66.

GRAIN—EXHIBITIONS

Greater crop yield from every hectare. M. Krivshaleva. *Inform. biul. VDNKH* no. 3:25 Mr '66.

GRAIN—HARVESTING

(see also subdivision under Azerbaijan)

Economic justification of optimal dates for grain harvesting. The necessary number of combines. III, P. Bardzishov. *Vestnik AN BSSR, Ser. sel'sk. nauch. no. 1:*19-22 '66.

GRAIN—MOISTURE

Method of plotting the graphs of equilibrium moisture of some hygroscopic substances. A. E. Pass, L. I. Stepchenko. *Izv. vuzovskoi Mol.* no. 2:145-148 '66.

GRAIN—PRICES

Incentives for improving the quality of procurement grain. *Muk. -elev. prom.* 32 no. 4:22 Ap '66.

GRAIN—STORAGE

(see also subdivision under Anna District)

Trilivatskii, L. A. [Grain storage] *Khranenie zerna* 3, perer. i dop. izd. Moskva, Kolos, 1966, 407 p.

GRAIN—TRANSPORTATION

Approximation method for working out a scheme for the transportation of grain from collective and state farms to grain receiving enterprises. L. Kochetkov. *Muk. -elev. prom.* 32 no. 4:25-27 Ap '66.

Determining the speed of grain in a pipeline by the method of radioactive indicators. E. S. Pertsovskii and others. *Trudy VNIIZ* no. 53:3-11 '64.

GRAIN ELEVATORS

(see also subdivision under Moscow, Orenburg Province, Volgograd Province)

At the Technical Council of the State Procurement Committee. B. Drizin. *Muk. -elev. prom.* 32 no. 3:27-30 Mr '66.

GRAIN ELEVATORS—DESIGN AND CONSTRUCTION

A new precast concrete grain elevator. A. Chak. *Zakup. sel'khoz. prod.* no. 3:51-52 Mr '66.

GRAIN ELEVATORS—EMPLOYEES see subdivision under Zhdanov

GRAIN HANDLING

(see also subdivision under Ukraine)

In honor of the 23d Congress of the CPSU. *Muk. -elev. prom.* 32 no. 3:1-2 Mr '66.

What should the technological lines for the postharvest processing of grain be like? Z. Chukhar'ko, B. Mel'nik. *Zakup. sel'khoz. prod.* no. 2:56-58 F '66.

GRAIN HANDLING—EXHIBITIONS

Overall mechanization and automation of the continuous receiving and processing of grain, the traveling exhibition of the pavilion "Storage and Processing of Grain" of the Exhibition of Achievements of the National Economy of the U.S.S.R. A. El'dman, A. Filimonov. *Muk. -elev. prom.* 32 no. 3:5-8 Mr '66.

GRAIN—HANDLING MACHINERY

Kirzner, O. B., A. E. Tukish, and M. G. Penkin. [Manual on the postharvest processing of grain] *Spravochnik po posleurobochnoi podrabotke zerna.* Alma-Ata, Kalnar, 1966, 242 p.

GRAIN—HANDLING MACHINERY—ECONOMIC ASPECTS

Economic effectiveness of the mechanization and automation of the enterprises for the storage and processing of grain. Z. Chukhar'ko. *Muk. -elev. prom.* 32 no. 3:7-8 Mr '66.

GRAIN—HANDLING MACHINERY—PARTS

Physicochemical properties of roller coatings and the effect of rice and millet hulling. N. A. Il'yitskii and others. *Izv. vuzovskoi Mol.* no. 2:97-99 '66.

GRAIN PRODUCTS see Cereal products

GRAIN TRADE

(see also subdivision under Kamenets-Polod'skiy, Lipovaya Dolina District)

Inspiring program of production for the good of the people. *Muk. -elev. prom.* 32 no. 4:1-2 Ap '66.

GRAIN TRADE—MANAGEMENT see subdivision under Moscow

GRAIN TRADE—TECHNOLOGICAL INNOVATIONS

There should be no "secrets." *Zakup. sel'khoz. prod.* no. 2:44-45 F '66.

GRAMINEAE—DISEASES AND PESTS

Morphological changes in some types of graminaceous plants as related to the effect of smut fungi. N. S. Efimova. *Trudy AZVI* 13:61-69 '64.

GRANARIES—DISINFECTION

Resistance of granary pests to poisonous chemicals. A. A. Buzdina, A. N. Chudnova, N. I. Anoskina. *Trudy VNIIZ* no. 13:109-123 '64.

Work contracts in the control of grain pests. *Muk. -elev. prom.* 32 no. 4:31 Ap '66.

GRANITE

(see also subdivision under Altai Mountains; Baikal Lake region, Sayan Mountains, Transbaikalia)

Metamorphic origin of granophytic and pyroclastic granites and their genetic relation to morlon-bearing pegmatites. N. G. Dolusova. *Zap. Vses. min. ob-va* 64 no. 3:298-312 '65.

Spectrographic method of the analysis of small thin contents in granites. K. I. Ionova, E. K. Myhalova. *Izv. AN Kazakh SSR, Ser. geol.* 23 no. 2:86-89 Mr-Ap '66.

GRANITE INDUSTRY see subdivision under Armenia

GRANULOMA BENIGNUM

Necrotic granulomatosis of the upper respiratory tracts (Wegener's granulomatosis). A. K. Ageev. *Arkhi. pat.* 28 no. 2:81-83 '66.

GRANULAR MATERIALS

Motion of free-flowing materials in horizontal vibratory pneumatic conveying. B. E. Zhogolev. *Izv. vuzovskoi Mol.* no. 2:119-123 '66.

GRANULAR MATERIALS—ANALYSIS

Size of probes in granulometric analysis. L. Z. Ukrainskii. *Zav. lab.* 32 no. 4:453-455 '66.

GRANULAR MATERIALS—DENSITY

Optimization of the density of granular mixtures. I. G. Zedgenidze. *Zav. lab.* 32 no. 3:318-321 '66.

GRANULAR MATERIALS—MODELS

Movement of ore particles over crests located between drawing chutes in isolated zones of loosening. A. N. Konnikov and others. *Izv. vuzovskoi Mol.* no. 2:112-118 '66.

GRAPE BREEDING

New data on the utilization of *Vitis rotundifolia* Michx. in grape breeding. A. M. Negrol'. *Genetika* no. 3:154-159 '66.

GRAPE JUICE

Combined physicochemical method of potassium bitartrate removal from grape juice. B. L. Flaumenbaum, A. S. Razdorskikh. *Izv. vuzovskoi Mol.* no. 2:171-172 '66.

GRAPES—DISEASES AND PESTS

(see also subdivision under Soviet Far East)

Role of oxidation-reduction systems in the resistance of grapes to Phylloxera. E. V. Artsikhovskaya, T. V. Denisova. *Vest. Mosk. un. Ser. 6: Biol. i pochv.* 21 no. 1:77-85 Jan-F '66.

GRAPES—FERTILIZERS AND MANURES

Characteristics of nutrition and metabolism in the grapevines of different varieties. L. I. Biblina. *Eftek. udob. vuzovskoi Mol.* no. 4:98-120 '65.

Effect of fertilizers on the yield and quality of different grape varieties. L. I. Biblina, A. I. Popov, N. I. Shcherbakova. *Izvestiya vuzovskoi Mol.* no. 4:121-124 '65.

GRAPES—VARIETIES see subdivision under Moldavia

GRAPH THEORY

Multipolar transportation networks. V. A. Ivatigerev. *Disk. anal.* no. 1:28-46 '65.

GRAPHIC ARTS—EXHIBITIONS

(see also subdivision under Berlin, East)

L'vova, E. P. [With an exhibition around America] *8 vystavok po Amerike.* Moskva, Sovetskii khudozhnik [1965] 44 p. illus.

GRAPHIC METHODS

Graphic determination of the necessary heat transfer surface of water heat exchangers for cooling gas in low-temperature separation devices. M. M. Zayatskiy, M. M. Vasil'ev. *Gaz. delo* no. 3:72-73 '66.

New variant of S. A. Durov's doublet triangle diagram for the expression of the chemical composition of natural waters. M. I. Lapinov, S. A. Durov. *Trudy NPI* 121:61-65 '61.

GRAPHITE—FATIGUE

Fatigue testing of graphite by alternate bending: methods and results. V. N. Babanov. *Zav. lab.* 32 no. 1:159-402 '66.

GRAPHITE ELECTRODES see Electrodes, Graphite

GRAPTOLITES see subdivision under Kazakhstan

GRASSES see subdivision under Azerbaijan; Maritime Territory

GRASSES—FERTILIZERS AND MANURES

(see also subdivision under Netherlands)

Analysis of the variability of meadows and the forecast of the efficacy of fertilizers based on V. N. Sukachev's principle of ecologic phytoecologic series. V. I. Lopatin, V. A. Zalkova. *Dokl. Akad. Nauk* 161 no. 3:309-324 '66.

Continuous use of potassium fertilizers in a meadow flooded for short periods. T. A. Rubtsov, N. P. Kiyulov. *Vest. sel'khoz. nauki* 10 no. 3:50-55 Mr '65.

Use of fertilizers and herbicides in meadows of the German Democratic Republic. A. A. Zolov. *Khm. v sel'khoz.* no. 4:76-80 Ap '66.

GRAVITATION

Effect of an intermediate body on gravitational interaction. V. B. Braginskii, V. K. Matynov. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 21 no. 2:60-68 Mr-Ap '66.

Electron spaces with gravitational waves. V. D. Zakharov. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 21 no. 2:13-19 Mr-Ap '66.

Invariant determination of gravitational waves. I. A. Malybaeva. *Dokl. AN Tadzh. SSR* 6 no. 3:15-16 '66.

Localized energy of weak gravitational waves. Yu. I. Ikhlov. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 21 no. 2:52-59 Mr-Ap '66.

GRAVITY

Division of potential fields in the case of known mass limiting surfaces. K. I. Sokolovskiy. *Dop. AN UZSSR* no. 2:182-187 '66.

GRAVITY—PHYSIOLOGICAL EFFECT

Life and gravitation. P. A. Korzhuev. *Piloda* 55 no. 4:29-36 '66.

GRAVITY ANOMALIES see subdivision under Punt Province

GRAVITY PROSPECTING

(see also subdivision under Pechora Valley; Soviet Central Asia; Timari Range)

Calculation of vertical derivative components of the intensity of the potential field on a plane according to the distribution of the vertical components of the intensity given on it. V. N. Strakhov, M. I. Lapina. *Prikl. geofiz.* no. 45:183-201 '66.

Effect of the relief of the upper surface on the results of measuring gravity in boreholes. P. I. Lukavchenko. *Prikl. geofiz.* no. 42:144-154 '66.

Using gravity prospecting for oil and gas pools. M. V. Berezkin. *Prikl. geofiz.* no. 42:130-143 '65.

Using microbarometric leveling in large-scale gravity surveying in the mountain-tailga region. A. K. Gordon and others. *Izv. vuzovskoi Mol.* no. 2:136-138 Ap '66.

GRAY MULLETTS see subdivision under Black Sea

GREAT BRITAIN—CRIME AND CRIMINALS

Police and thieves. N. Sh. Nov. vrom. 23 no. 22:27-28 My '66.

GREAT BRITAIN—ECONOMIC GEOGRAPHY

Rabinovich, I. E. [Great Britain, Ireland; an outline of the economic geography] Velikobritaniia, Irlandia, ekonomiko-geograficheskii ocherk. Moskva, Prosveshchenie, 1958. 169 p.

GREAT BRITAIN—FOREIGN RELATIONS—ARAB COUNTRIES

Great Britain: Policy in the Middle East. V. Mirov. Nov. vrem. 23 no. 22:10 My '66.

GREAT BRITAIN—GOVERNMENT OWNERSHIP

Struggle of the left-wing Laborites and progressive trade unions in England for the democratization of management in the state sector of industry. V. V. Klovchov. Vest. LGU 21 no. 5:11-23 '66.

GREAT BRITAIN—INDUSTRIAL MANAGEMENT

Struggle of the left-wing Laborites and progressive trade unions in England for the democratization of management in the state sector of industry. V. V. Klovchov. Vest. LGU 21 no. 5:11-23 '66.

GREAT BRITAIN—INDUSTRIES

Role of the slave trade and slavery in the capitalist development of England. M. Averbukh. Nauch. dokl. vyssh. shkoly, ekon. nauki 9 no. 2:95-91 '66.

GREAT BRITAIN—INFORMATION STORAGE AND RETRIEVAL SYSTEMS

Experimental study of the effectiveness of information retrieval systems, the Aslib Cranfield research project. A. V. Sokolov. NTI no. 2:20-27 '66.

GREAT BRITAIN—LEGISLATIVE BODIES

Under Westminster's arches. V. Ostrov. Nov. vrem. 23 no. 23:27-30 Je '66.

GREAT BRITAIN—POLICE

Police and thieves. N. Sh. Nov. vrem. 23 no. 22:27-28 My '66.

GREAT BRITAIN—POLITICS AND GOVERNMENT

Economic plan of the Laborite Government. N. Khomutov. Mezhdunar. zhizn' 13 no. 5:137-139 '66.

GREAT BRITAIN—SLAVE TRADE

Role of the slave trade and slavery in the capitalist development of England. M. Averbukh. Nauch. dokl. vyssh. shkoly, ekon. nauki 9 no. 2:95-91 '66.

GREAT BRITAIN—STRIKES AND LOCKOUTS

The general strike of 1926 in Britain. V. P. Zaitsev. Vop. int. KPSS 10 no. 5:98-100 My '66.

GREAT BRITAIN—STRIKES AND LOCKOUTS—SEAMEN

Ships did not go to sea: labor movement. O. Orestov. Nov. vrem. 23 no. 22:10-12 My '66.

GREAT BRITAIN—THEATER

British impressions. Nina Tikhomirova. Teatr 27 no. 3:131-138 M '66.

GREAT BRITAIN—TRADE UNIONS

Problems of the British trade unions. Thomas McQueeney. Nov. vrem. 23 no. 21:20-21 My '66.

GREECE—COMMUNISTS

Always with his people. L. Nikolaev. Agitator 33 no. 8:56 Ap '66.

GREECE—POLITICS AND GOVERNMENT

Greece: While the parliament was on vacation... A. Grekos. Nov. vrem. 23 no. 21:11 My '66.

GREEN MANURING

White sweet clover as green manure. A. S. Iurshovich. Vest. AN BSSR. Ser. sel'sk. nauch. no. 4:51-54 '65.

GREENHOUSE MANAGEMENT

We improve the system of plant protection. V. Sadkovskii. Zashch. rast. 11 no. 2:17-18 '66.

GREENHOUSES

Cucumber and tomato varietals resistant to disease in greenhouses. G. V. Bozh. Sbor. trud. VIR no. 2:43-47 '64.

GREENHOUSES—HEATING AND VENTILATION

Heating natural gas in greenhouses. G. M. Porin. Gaz. prom. 11 no. 4:34-37 '66.

GREEN'S FUNCTIONS

Green's functions of a self-adjoint elliptic operator generated by a differential expression and inhomogeneous boundary conditions. V. V. Barkovskii. Ukr. mat. zhur. 18 no. 2:85-91 '66.

GREISENS

Nature of the process of circumvental greisenization and the mechanism of the formation of the metasomatic-concretion veins of the greisen type. V. F. Barabanov. Zap. Vses. znan. ob-va 84 no. 3:250-271 '65.

GRIN, A., pseud. see Grinevskii, Aleksandr Stepanovich, 1880-1932

GRINDING AND POLISHING

Methods for preparing polished sections. G. V. Khatagurov. Zav. lab. 32 no. 3:305-309 '66.

Selecting optimal conditions for diamond grinding. A. M. Kurmetov, I. P. Golosov. Avt. prom. 32 no. 3:38-40 M '66.

Straightening diamond wheels for circular grinding. S. N. Bilov. Stukina and others. Mashinostroi. no. 4:30 Ap '66.

Technical and economic efficiency of finish machining of surfaces with ball heads. V. A. Belov. Vest. mashinostroi. 46 no. 4:80-82 Ap '66.

GRINDING AND POLISHING—EQUIPMENT AND SUPPLIES

Semiautomatic four-spindle polishing machine. V. P. Savell'ev. Blud. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 19 no. 2:6 F '66.

Semiautomatic machine for polishing the valve rocker tip of an engine. V. M. Nishchuk, D. T. Grinchukhin. Blud. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 19 no. 2:8-9 F '66.

GRINDING AND POLISHING—QUALITY CONTROL

Iashchinskii, P. L. [Improving the operational properties of polished surfaces] Povyshenie ekspluatatsionnykh svoystv shlifovannykh poverkhnosti. Minsk, Nauka i tekhnika, 1956. 383 p.

GRINDING MACHINES

Grinding and relieving machine for machining high and extra-high precision hobbing cutters. V. B. Kaitsev. Blud. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 19 no. 3:13-14 M '66.

Machine tool for diamond grinding and lapping of cutting tools. V. N. Konoplev, A. F. Mal'kov. Blud. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 19 no. 2:7-8 F '66.

Unit for grinding radial cutting tools. I. I. Levinson. Blud. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 19 no. 3:10-17 M '66.

GRINDING MACHINES—ATTACHMENTS

Readjuster for a centerless grinding machine. L. A. Boguslavskii. Stan. i instr. 37 no. 4:31-32 Ap '66.

GRINDING MACHINES—NOISE

Noise killer for pneumatic grinding machines. E. V. Boblin, E. M. Ivanov. Elek. i tepl. tizna 10 no. 2:20-21 F '66.

GRINDING MACHINES—PARTS

Problems in producing cast-iron "charged" grinding plates. I. U. G. Proskurakov, I. S. Ryzhov. Lit. prosv. no. 3:11-13 Mr '66.

GRINDING MACHINES—TECHNOLOGICAL INNOVATIONS

Increased technological capabilities of a machine tool. G. V. Ketter. Mashinostroi. no. 4:19 Ap '66.

GRINEVSKII, ALEKSANDR STEPANOVICH, 1880-1932

Fairy tales are written for the brave. V. Kharchov. Mol. komm. no. 2:115-118 '66.

GRISEIN AS FEED

Effect of blomycin and grisein on the fattening qualities of Kazakh fine-wool lambs. G. P. Pishchikova. Radio no. 3:65-68 Mr '66.

GRISHINA, K. F., 1907-1965

Docent K. F. Grishina; an obituary. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 1:94 '66.

GROCERY TRADE—MECHANIZATION see subdivision under Leningrad

GRODNO PROVINCE—SPRAYING AND DUSTING IN AGRICULTURE

Great possibilities. V. Kashul. Zashch. rast. 11 no. 2:5-6 '66.

GROUND BEETLES see subdivision under Caucasus, Northern

GROUNDSEL see subdivision under Caucasus, Northern

GROUPS, THEORY OF

Algorithmic solution of certain problems in the theory of finitely defined commutative semigroups with contraction. L. A. Khalezov. Sib. mat. zhur. 7 no. 2:410-436 Mr-Apr '66.

Complete sets of Sylow subgroups of a denumerable symmetrical group. I. D. Ivanuta. Ukr. mat. zhur. 18 no. 3:112-115 '66.

Computation of integrals by classes of conjugate elements in a group of complex matrices. M. I. Graev. Trudy Mosk. mat. ob-va 14:279-298 '65.

Equidistribution on a plane. D. A. Kazhdan. Trudy Mosk. mat. ob-va 14:299-305 '65.

Extensions of semigroups with zeros. Kh. N. Inassaridze. Sob. AN Gruz. SSR 41 no. 3:513-520 Mr '66.

Gelfand, I. M., M. I. Graev, and I. I. Piatetskii-Shapiro. [Theory of representations and automorphic functions] Teoriia predstavlenii i avtomorfnye funktsii. Moskva, Nauka, 1966. 512 p. (Obshchennye funktsii, no. 6)

Groups of finite rank. Part 2. V. S. Chasin. Ukr. mat. zhur. 18 no. 3:95-96 '66.

Homotopic and eohomotopic groups over a pair of discrete or compact groups of coefficients. D. O. Baladze. Sob. AN Gruz. SSR 41 no. 2:277-283 F '66.

Insoluble finite groups. M. P. Lel'chuk. Sib. mat. zhur. 7 no. 2:307-311 Mr-Apr '66.

Linear groups with bounded cyclic subgroups. I. U. Morzhakov. Sib. mat. zhur. 7 no. 2:318-322 M-Apr '66.

Minimal linear form of an alternating group. I. M. Kuntsevich. D. J. Suprunenko. Dokl. AN BSSR 10 no. 9:145-147 M '66.

O. I. Shmidt's problem. S. P. Stukov. Sib. mat. zhur. 7 no. 2:476-478 Mr-Apr '66.

Probability distributions on topological groups. V. V. Sazonov, V. N. Tutubalin. Teoriia veroiatnoe prim. 11 no. 1:3-55 '66.

Relationship between the concept of chemical individual and the theory of groups. A. B. Almazov. Zhur. fiz. khim. 40 no. 4:795-800 Ap '66.

Representation of a cone group with complex spin. S. S. Samikov. Ukr. fiz. zhur. 11 no. 4:150-151 Ap '66.

Representations of topological semigroups by continuous transformations. L. B. Shapnerman. Dokl. AN BSSR 10 no. 4:768-771 p '66.

Semigroup of homeomorphisms of a simple arc. L. B. Shapnerman. Izv. vuz. ucheb. zav. mat. no. 2:127-136 '66.

Semigroups with one-side contraction. E. G. Shukov. Izv. vuz. ucheb. zav. mat. no. 2:137-147 '66.

Solvability criterion for groups of even order. V. A. Belenogov. Sib. mat. zhur. 7 no. 2:458-459 M-Apr '66.

Structural characteristics of semigroups of idempotents. Part 2. L. N. Shevryn. Sib. mat. zhur. 7 no. 2:437-451 Mr-Apr '66.

GROWTH

Growth rate and metabolism intensity in animals. G. G. Vinberg. Usp. sov. biol. 61 no. 2:274-293 Mr-Apr '66.

GROWTH (PLANTS)

Effect of leaves and buds on the development of the stem structure in year-old seedlings of the European maple Acer platanoides L. E. A. Kondrat'eva-Mel'vil. Bot. zhur. 51 no. 3:372-381 M '66.

GROWTH INHIBITING SUBSTANCES

Chemical and physiological properties of natural inhibitors of the willow Salix alba L. K. S. Bokarev, V. I. Kefeli, L. M. Kapellushnikova. Fiziol. rast. 13 no. 2:274-282 M-Apr '66.

GROWTH PROMOTING SUBSTANCES

Effect of a growth promoting substance of petroleum origin on the growth and development of the nightshade Solanum aviculare Forst. grown in the Alma-Ata Botanical Garden of the Academy of Sciences of the Kazakh S. S. R. A. V. Paravian and others. Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no. 5:20-32 S-O '64.

Effect of growth promoting substance of petroleum origin on the germination of pollen of introduced woody plants. L. U. Krauchanka. Vest. AN BSSR. Ser. biol. nauch. no. 1:28-34 '66.

Effect of sprouting stimulants on the anatomical and biochemical characteristics of potato sprouts and tubers. T. A. Palladina, I. U. A. Porvova. Fiziol. rast. 13 no. 2:293-289 Mr-Apr '66.

GROZNYI—PETROCHEMICAL INDUSTRY

The economy has come into the shop. P. Skotnik. Neftnik 10 no. 10:26-27 O '65.

GROZNYI REGION—OIL WELL DRILLING

Remote control is fine. B. Marukh. Neftnik 10 no. 9:30-31 S '65.

GUZDI, NIKOLAI KALLINIKOVICH, 1887-1966

N. K. Guzik; an obituary. A. A. L'vushin. Sov. slav. no. 3:127 '66.

GUERRILLAS see subdivision under Angola; Arabia, Southern

GUIANA—POLITICS AND GOVERNMENT

Independence of Guiana. Vadim Bogdanovskii. Nov. vrem. 23 no. 22:20-21 My '66.

GUIDED MISSILES

Methods of homing an antiaircraft guided missile. F. K. Naupokov. Vest. protivovozd. obor. no. 3:75-78 Mr '66.

GUINEA—DESCRIPTION AND TRAVEL

Across Lower Guinea, from the notes of a geologist. V. D. Skul'skii. Priroda 55 no. 4:98-100 '66.

- GUINEA—GEOMORPHOLOGY**
The geomorphology of Guinea
(see also part of the African Plateau) IU P Selver-
skiy, Izv. Gosstatizb. 1966, 156-166 M '66
- GUINEA—RIVERS**
Some morphological characteristics of the band zone
of rivers in the Republic of Guinea, L. N. Druzhinin,
L. V. Svir, Ser. Geogr., 1966, 251-56 Mr-Apr '66.
- GUINEA, PORTUGUESE—POLITICS AND GOVERNMENT**
The political system of Guinea-Bissau, A. A. Zaitsev,
Izv. Gosstatizb. 1966, 156-166 M '66
- GUMBAR**
The gumbar (a type of gum) in the presence
of aluminum, A. A. Zaitsev, Izv. Gosstatizb. 1966,
156-166 M '66
- GUMISTA VALLEY—PALEOBOTANY, STRATIGRAPHIC**
The fossil flora in the Gumista Valley, N. I. Rafanil,
B. L. Solov'ev, Ser. AN Gruz SSR 41 no. 2 269-374
F '66
- GUMS**
Some data on the parodontal tissue composition in rats
Z. I. Bolotina, T. S. Mykhailova, Ukr. biokhim. zhur.
1966, 201-201 '66.
- GUMS AND RESINS**
(see also subdivision under Ufa)
Sulfonation of glycolic resins, V. I. Antonishin, B. S.
Gumina, Ser. AN Gruz SSR 41 no. 2 269-374
F '66
- GUMS AND RESINS, SYNTHETIC** see Resins, Synthetic
- GUNITÉ**
Experience in operating apparatus having a gunité coating
L. K. Svir, L. Strom, Ser. AN Gruz SSR 41 no. 2 269-374
F '66
- GUNSHOT WOUNDS**
Metal and polymer osteosynthesis in the treatment of
jaw fractures caused by firearms, V. I. Luk'yanenko,
Voen.-med. zhur., no. 3 19-22 M '66.
- GUZAR DISTRICT—MOTH FLIES**
Flight of phlebotomids from the colonies of greater gerbils
(*Rhombomys opimus*), T. I. Dergacheva, Med. parazit.
1966, 101-101, 43-48 Ja-F '66.
- GYMNASTICS**
The gymnastics of Vasil'ev, Vol. kom. no. 3 110-111 M
'66
- GYMNASTICS, MEDICAL** see Exercise therapy
- GYMNASTICS FOR WOMEN**
Ways to championship L. Latynina, Teor. i prak. fiz.
1966, 20-20, 461-64 Ap '66
- GYNECOLOGY**
Exercise therapy in the compound treatment of gynecological
patients at the "Ugda" Mud Therapy Health
Resort, N. A. Shevkin, Nek. vop. khim. i kraev. pat.,
no. 4 56-60 '65
- GYNECOLOGY, OPERATIVE**
Rembez, I. N. [Operative gynecology] Operativnaya
ginekologiya, Kiev, Zdorov'ia, 1966 287 p.
- GYPSUM**
(see subdivision under Tajikistan)
Industrial heat insulating products with gypsum binder,
V. G. Gushina, Bud. mat. i konstr. 7 no. 4 18-21 Ji-Ag
'65
- Structure of the products of hydration of CaSO₄ ·
0.5H₂O, M. I. Strelkov, Z. P. Chumak, Dop. AN
Ukr. SSR, 2:203-208 1966.**
- GYROSCOPE**
Gyroscope with variable moments of inertia in gimbals on
a movable support, V. I. Klimchuk, Ukr. mat. zhur. 18
no. 2 118-122 '66
- GYROSCOPIC INSTRUMENTS**
Gyroscopic indicator of turns of the ship, V. Storozhev,
Rech. i transp., 24 no. 6 46-47 '65.
- HABIT**
Characteristics of the motor habit of "accompanying
tracking" during high velocity of the movement of the
stimulant, M. S. Zaitsev, Zhur. vys. nerv. delat., 18
no. 2 251-259 Mr-Apr '66
- HABITUAL CRIMINALS** see Recidivists
- HAFFNIUM—ANALYSIS**
Determination of hafnium in carbon steel, Z. G. Barmolina,
L. I. Kuchko, Zav. lab., 31 no. 7 807-808 '65
- HAFFNIUM COMPOUNDS**
Synthesis and some properties of zirconium and hafnium
oxyformate, L. N. Komissarova and others, Zhur.
neorg. khim. 11 no. 2 266-271 F '66.
- HAFFNIUM SALTS**
Spectrophotometric study of zirconium and hafnium
sulfuric acid solutions, G. A. Lagodin, A. M. Chekmarev,
L. M. Vladimirova, Zhur. neorg. khim., 11 no. 2 305-
311 F '65.
- HALIDES**
Complex compounds of group IV metal halides with
α-ketophosphinic acid esters, A. A. Shveta and others,
Zhur. neorg. khim., 11 no. 2 342-347 F '66.
- New variant of a rapid separate determination of chlorides,
bromides and iodides present together in a mixture,
basis of the method and the result of the calculation
formulas, Report No. 1 M. I. Tatarsenko, Izv. Gosstatizb.
1966, 156-166 M '66**
- HALL EFFECT**
Temperature dependence of the Hall effect and electric
resistance in "Sendast" type Fe-Si-Al alloys, A. V. Che-
remushkin, IU. N. Arkhipov, Vest. Mosk. un. Ser. 3.
Fiz., astron. 21 no. 2 93-96 '66.
- Use of measurement by the probing method in calculating
the Hall constant of epitaxial semiconductor films,
V. L. Kon'kov, Zav. lab., 32 no. 4 451-453 '66**
- HALLOYSITE**
Structure-forming processes in aqueous dispersions of
homoionic modifications of halloysite, M. M.
Krukhlytskiy, V. I. Orlovchenko, Dop. AN URSR no. 2
193-195 '65
- HALLUCINOGENIC DRUGS—TOXICOLOGY**
Modern hallucinogens, psychochemical poisons
substances, based on data of foreign literature, A. L.
Zublin, B. D. Lysakov, Voen.-med. zhur., no. 3 85-89
Mr '66.
- HALOGENATION**
Particular features of halogenation of silver salts of
some nitrocarboxylic acids, A. I. Shchegolev, Zhur. org.
khim. 2 no. 2 219-220 F '66.
- HALOGENS**
(see also subdivision under Lovozero Tundra)
Determination of halogen in phosphonitrile halides,
B. I. Stepanov, G. I. Migachev, Zav. lab. 32 no. 4 410
'66.
- HALODITE**
Izshemskii, I. A. [Microscopy study of halogen rocks]
Mikroskopicheskoe izucheniye galogennykh porod
Novosibirsk, Izd-vo "Nauka" Sibirskoe otd-nto, 1966 61 p.
- HAMMETT EQUATION**
Correlation equations in biochemistry, IU. A. Zhdanov,
Usp. sov. biot. 61 no. 2 187-197 Mr-Apr '66.
- HAMSTERS**
Biology of *Cricetus longicaudatus* Milne-Edwards, 1866
V. E. Flint, Zool. zhur., 45 no. 3 471-474 '68.
- HANDICAPPED CHILDREN—EDUCATION** see subdivision
under Agar'kovo (Ryazan Province)
- HARBORS**
(see also subdivision under Japan)
Mooring walls with unloading anchor slabs, A. I. Polovin-
kin, Transp. stroi., 15 no. 8 45-48 Ag '65.
- Riverside moorings of precast reinforced concrete, N. E.
Shirokov, Transp. stroi., 15 no. 8 18-20 Ag '65.**
- HARBORS—DESIGN AND CONSTRUCTION**
Planning of ports and wharves, I. Kotlik, I. Uretskii,
Rech. i transp., 25 no. 3 38-39 '66.
- HARBORS—EQUIPMENT AND SUPPLIES** see subdivision
under Ukraine
- HARBORS—MANAGEMENT**
Material responsibility of ports, L. Vysotskii, Rech.
i transp., 25 no. 3 17-18 '66.
- HARD FACING—EQUIPMENT AND SUPPLIES**
Equipment for electrode oscillations during weaving—arc
hard facing, A. A. Spidonov, Svar. proizv., no. 5 40-
41 My '66.
- HARD FACING—TESTING**
Hard facing by powder wire and with a three-phase arc,
I. P. Nikonov and others, Svar. proizv., no. 5 22-23
My '66.
- Hard abrasive wear of hard facing metal, I. A. B. et al.,
V. P. Shimanovskii, V. A. Mozok, Avtom. svarka, 1966,
26-28 M '66**
- HARDNESS**
Studying the magnetic properties and hardness of iron
cobalt alloys, G. V. Pukhachenko, A. O. Skokov, Izv.
met. i metalloved. 91 no. 1 336-345 M '66
- HARDNESS—ANALYSIS**
Analytic study of hardness, M. S. Dvornik, Zav. lab. 31
no. 5 610-613 '65
- HARDNESS—MEASUREMENT**
Using the method of microhardness measurement in
determining the degree of valuation of rubber, V. D.
Sokolovskii, M. I. Pavlov, R. K. Golovinskiy, K. I.
1966, 25 no. 1 16-18 '66
- HARDNESS METAL—TESTING** see Bimellit test
- HARMONIC ANALYSIS**
A case of concentrated loads, L. L. Shishov, M. I. et al.,
M. I. et al., no. 10 184-191 '65.
- HARMONIC FUNCTIONS**
Boundary properties of harmonic functions inside a unit
sphere, S. B. Topolitskiy, Ser. AN Gruz SSR 41 no. 2
265-272 F '66
- Calculation of the Laplace operator of the electrostatic
calculus, S. V. Zhukov, Nauch. trudy Tbil. gos. univ.
no. 250, Fiz. nauk. no. 23 81-91 1961.**
- HARVESTING MACHINERY**
(see also subdivision under Virgin Territory)
Automation of the operation of tractor transporters,
D. P. Belov, Trudy Tsel. i Khim. stroi., 1 no. 1 104-
106 '65.
- Dynamics of the three-dimensional crankgear
mechanism of the ZhNB-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,
Uch. zap. Azb. khim. no. 1 110-121 '66.**
- Experimental study of the dynamics of the floating
cutting apparatus of the ZhNB-1, 2, 3, 4, 5, 6, 7, 8, 9,
Uch. zap. Azb. khim. no. 1 110-121 '66.**
- Increasing the durability of the teeth of the GP-11, 12, 13,
G. I. Gubinskiy, A. S. Chernyi, Trudy Tsel. i Khim. stroi.,
3 no. 3 36-39 '65.**
- Machines for harvesting and processing the harvest of
grain, oilseed, and pulse crops, M. A. Pustynin and
others, Trakt. i sel'khoz. mash. no. 5 10-10 My '66.**
- Self-propelled chassis, I. S. Chubbanov, Trakt. i
sel'khoz. mash. no. 5 10-12 My '66.**
- HASEK, JAROSLAV, 1883-1923**
Defending the revolution, G. Alekseyev, Sov. izv. 1966,
no. 11 45-46 N '66.
- Shcherbakov, I. N. [Writer, propagandist and fighter]
Pisatel', agitator, boiash, Moskva, Politizdat, 1966,
118 p. (Gerol. i podvig)**
- HAWTHORN**
Pharmacology of saponins of *Crataegus pentagyna* W. et A.
D. I. A. Gushinov, Farm. i toka, 28 no. 2 172-170 Mr-
Ap '65.
- HAWTHORNE, NATHANIEL, 1804-1864**
Hawthorne as storyteller, A. Gorbunov, Nov. ml., 12
no. 2 205-206 F '66.
- HAY** see subdivision under Klyaz'mskiy
- HAY—HARVESTING**
Machines for hay harvesting, V. V. Belozor, I. M.
Sosunova, Trakt. i sel'khoz. mash. no. 5 30-31 My '66.
- Physical and mechanical properties of alfalfa and
sainfoin affecting the working part of a cutting
machine, G. I. Chudzhov, Uch. zap. Azb. khim. no. 1
70-85 '64.**
- HEALTH EDUCATION**
Sokolov, I. S., and I. N. Trakhtman, [Sanitary educa-
tion] Sanitarnee prosveshcheniye, Izd. 4, dop. i ispr.,
Moskva, Meditsina, 1966. 163 p.
(DNLN)
- HEALTH RESORTS, WATERING PLACES, ETC.**
(see also subdivision under Caucasus; Krainka,
Tula Province; Moscow region; Pyatigorsk; Siberia;
Truskavets, Ukraine; Yalta; Yessentuki)
From the funds of the sanatorium, V. Apatov, N. F. G. et al.,
Kov. trud. i sots. strakh. 9 no. 5 33 My '66.
- Influence of the climatic change and time zone on the
effectiveness of sanatorium and health resort treat-
ment of hypertension, V. A. Kostov, B. A. Zaitkov,
Nek. vop. khim. i kraev. pat., no. 4 20-22 '65.**
- Kiev, Nauchno-issledovatel'skii i projektnyi institut
gradostroitel'stva, [City planning: The planning and
construction of health resorts] Gradostroitel'stvo: Plani-
rovka i zastroyka kurortov, Kiev, Budivelnik, 1966,
135 p. (Mehvedomstvennyi respublikanskiy nauchno-
tekhnicheskii sbornik)**
- State of sanatorium and health resort service and physio-
therapy in the U. S. S. R. and prospects of their develop-
ment, A. G. Safonov, Vop. kur., fizioter. i lech. fiz.
kul't., 31 no. 1 13-13 '66.**

HEART

Effect of strophantoin on the rate of restoration of glycolytic compounds in compensatory hypertrophy of the heart in rats. A. A. Angarskaya, V. P. Sokolova. Pat. izобр., izобр. zap. 10 no. 134-59 Ja-F '66.

Intraspecific changes in the morphology of the heart in the fox and the coon as related to the conditions of life. K. Berdengarov. Trudy AZVI 13:248-255 '61.

HEART—DISEASES

Experimental myocarditis and arthritis induced by a combined method in hypophysectomized rats. Z. Kemileva and others. Pat. izобр., izобр. zap. 10 no. 159-62 Ja-F '66.

Pathomorphology of lesions of the heart in experimental toxoplasmosis. I. I. Ukhov. Arkh. pat. 28 no. 2:65-68 '66.

Postoperative chylothorax in congenital heart defects. A. A. Nerzhukov, M. A. Pronina, I. S. Kusev. Grud. khir. 8 no. 1:66-61 Ja-F '66.

HEART—FOREIGN BODIES

Foreign bodies (needles) in the heart. K. A. Lokshina. Grud. khir. 8 no. 1:67-68 Ja-F '66.

HEART—HYPERTROPHY AND DILATATION

Histochemical study of some enzymes in a hypertrophic myocardium during experimental renal hypertension. N. M. Pozduntina. Arkh. pat. 28 no. 2:19-24 '66.

HEART—INFARCTION

Energy-rich phosphorus compounds creatinekinase and adenosine triphosphatase activity of the cardiac muscle in experimental myocardial infarction. L. L. Khachaturian, N. A. Abaturova. Vop. mo. khim. 11 no. 3:26-31 M-Fe '65.

Experimental infarct of the myocardium in complex hypothermia in dogs. L. V. Shafranski. Vestn. AN BSSR, Ser. biol. nat. 1:96-100 '66.

Respiration in mitochondria and anaerobic glycolysis in the dynamics of the development of experimental myocardial infarction. N. M. Razumna. Fiziol. zhur. [Ukr.] 12 no. 2:216-221 '66.

Ruptures of the heart in myocardial infarctions. E. M. Nedina. Sov. med. 29 no. 1:100-111 Ap '66.

HEART—INNERVATION

Cardiovascular reflexes as a self-regulatory mechanism of the heart. M. G. Udol'nov, G. E. Samonina. Usp. sov. biol. 61 no. 2:230-246 M-Ap '66.

Comparative physiological study of the functional state of the centers of sympathetic innervation of the heart subjected to ionizing radiation. N. F. Malozova. Radiobiologiya 6 no. 2:241-245 '66.

Effect of atropine block of the vagus nerves on the excitability of the left cardiac ventricle in guinea pigs. V. A. Pavlov and others. Biol. eksp. biol. med. 61 no. 3:80-82 M-Fe '66.

Extragenic nerves of the heart in dogs. G. A. Blagodatikh. Uch. zap. KVI 93:55-60 '64.

Innervation of an artificial interorganic commissure between the small intestine and heart. L. S. Zhuravskii. Biol. eksp. biol. med. 61 no. 2:105-109 M-Fe '66.

Mechanism of the formation of excitation in the atrioventricular region of the heart. N. A. Kelava, A. G. Nazarov. Nauch. dokl. vyss. shkoly, biol. nauk 21:51-59 '66.

Origin of "spontaneous" volley impulses in the cardiac trunks of the vagosympathetic trunks in frogs. G. E. Samonina. Biol. eksp. biol. med. 61 no. 2:9-13 F '66.

Reflex responses in the cardiac sympathetic nerves and their changes under the influence of morphine. N. V. Kaverina, I. B. Boronov. Biol. eksp. biol. med. 61 no. 2:60-64 F '66.

HEART—MUSCLE

Dynamics of the glycogen content in the heart muscle of rabbits of different ages under the influence of physical stress. N. M. Orlinsk. Dop. AN URSR no. 3:403-406 '66.

Effect of folic acid and amino acids on the contractile function of the cardiac muscle in its compensatory hyperfunction. I. Z. Moisson, V. V. Dergachev. Pat. izобр., izобр. zap. 10 no. 1:64-66 Ja-F '66.

Histogenesis of the cardiac musculature in sheep. O. I. Berdengarov. Trudy AZVI 13:233-241 '64.

Study of myocardium proteins in the process of the development of atherosclerosis in dogs. D. G. Gligorian, Z. A. Sokolova. Dokl. AN SSSR 167 no. 5:1194-1196 Ap '66.

HEART—RUPTURE

Ruptures of the heart in myocardial infarctions. E. M. Nedina. Sov. med. 29 no. 4:109-111 Ap '66.

HEART—SOUNDS

Alteration of heart biopotentials and tones. G. P. Novoshinov. Uch. zap. KVI 92:250-252 '64.

Calibrator for the FEKP-2 phonocardiograph. G. P. Novoshinov. Uch. zap. KVI 92:159-161 '64.

Device for the recording of esophageal phonocardiogram. H. V. Anovskiy, V. V. Bod. Fiziol. zhur. [Ukr.] 10 no. 6:823-825 N-D '64.

Qlcnib, S. I. [Diagnostic significance of cardiac murmurs, a textbook for doctors and students] Diagnosticheskoye znanenie serdetsnykh шумов, posobie dlya vrachei i studentov. Pod red. M. A. Asinovskogo. Kiev, Zdravotnia, 1966. 221 p. (DNLM)

Phonocardiographic indices in camels. S. Z. Galnaldinov. Uch. zap. KVI 92:146-150 '64.

Phonocardiographic norms and their relation with the electrocardiogram of swine in synchronous recording. G. P. Novoshinov. Uch. zap. KVI 92:151-159 '64.

HEART—SURGERY

Aggravation of the rheumatic process following mitral commissurotomy. F. G. Uglov, A. M. Iakovleva. Grud. khir. 8 no. 1:10-16 Ja-F '66.

Innervation of an artificial interorganic commissure between the small intestine and heart. L. S. Zhuravskii. Biol. eksp. biol. med. 61 no. 2:105-109 F '66.

Morphological study of cardiac and somatic muscles following autotransplantation into the myocardium in dogs. G. I. Nepomniashchikh. Biol. eksp. biol. med. 61 no. 2:109-113 F '66.

Multichannel electroencephalography during surgery on the open heart. V. A. Mikhailovich. Khirurgiya 42 no. 4:37-45 Ap '66.

Surgery in cardiac injuries in isolated areas. P. A. Matsenko. Khirurgiya 42 no. 4:121-123 Ap '66.

Surgical tactics in heart injuries. M. E. Komakhidze. Khirurgiya 42 no. 1:60-63 Ap '66.

HEART—VALVES

Artificial ball valves of the heart. V. I. Shumakov, B. P. Zverev. Khirurgiya 42 no. 4:26-32 Ap '66.

HEART—WOUNDS AND INJURIES

Case of heart injury with a lesion of the interatrial septum. N. I. Parfenov. Khirurgiya 42 no. 4:124 Ap '66.

Knife wound of the left ventricle of the heart. N. K. Fel'd. Khirurgiya 42 no. 4:124-125 Ap '66.

Late sequelae of cardiac wounds. G. B. Kudryavtseva. Sb. stud. nauch. rab. Arkh. gos. med. inst. no. 2:31 '66.

Surgery in cardiac injuries in isolated areas. P. A. Matsenko. Khirurgiya 42 no. 4:121-123 Ap '66.

Surgical tactics in heart injuries. M. E. Komakhidze. Khirurgiya 42 no. 4:60-63 Ap '66.

HEARTBEAT

(see also subdivision under Transplantation)

Study of the changes in the contractile capacity of the heart in functional loads under normal conditions and in experimental disorders of the coronary circulation. M. V. Il'chevich, M. M. Poyzhilov. Fiziol. zhur. [Ukr.] 12 no. 2:200-208 '66.

HEAT—CONDUCTION

Generalized solution of a differential equation of heat conductivity in stationary conditions. G. V. Samokhvalov. Izv. vys. ucheb. zn., Chern. met. 9 no. 4:172-173 '66.

Heat accumulation by a semi-infinite body under discontinuous thermal action. V. A. Milchev, M. D. Mikhailov, T. T. Todorov. Inzh.-fiz. zhur. 10 no. 3:348-351 Mr '66.

Method for modeling certain heat conduction problems with movable boundaries. A. A. Kosarev. Inzh.-fiz. zhur. 10 no. 2:223-234 F '66.

Relation between thermal diffusion and conductance for two-component crystalline structures. N. S. Kostikov. Inzh.-fiz. zhur. 10 no. 2:154-157 F '66.

Thermal conductivity of solid ammonia. I. M. Krupskiy, V. H. Manzheli, L. O. Koleskova. Ukr. fiz. zhur. 11 no. 3:312-315 Mr '66.

Two-dimensional stationary problem of heat conductivity. I. A. Tselina, R. A. Pavlovskii. Inzh.-fiz. zhur. 10 no. 2:258-263 F '66.

HEAT—CONVECTION

Design of radiation-convective recuperators. G. D. Rabinovich. Inzh.-fiz. zhur. 10 no. 2:217-224 F '66.

HEAT—PHYSIOLOGICAL EFFECT

Effect of acute overheating on the penetration rate of radioactive phosphorus into the tissues of the internal organs and the brain of rats. Report No. 2. E. S. Ovsyarnikova. Izv. AN Turk. SSR Ser. biol. nauk no. 1:82-85 '66.

Effect of Vitamin P on dehydroascorbic acid reduction by the liver tissue of guinea pigs subjected to overheating. A. I. Tselina. Vop. pit. 23 no. 3:81-82 My-Je '64.

Some characteristics of the development of hemorrhagic collapse with a background of hyperthermia. A. N. Leonov. Biol. eksp. biol. med. 61 no. 3:31-38 Mr '66.

HEAT—RADIATION AND ABSORPTION

Studying thermal processes in a 300-ton open-hearth furnace. V. I. Grankovskii and others. Vop. prozv. stal' no. 10:144-149 '65.

HEAT—TRANSMISSION

Coefficients of heat transfer in a fluidized bed at a variable flow rate of the carrying current. M. I. Verba, V. A. Gusev. Inzh.-fiz. zhur. 10 no. 2:164-168 M-Fe '66.

Coefficients of heat transfer in fractional columns. V. A. Maschenko, V. N. Stobnikov. Izv. vys. ucheb. zn., fizich. tekhn. 9 no. 2:132-137 '66.

Determination of heat losses by 100-ton oxygen-blown converters into the surrounding medium. A. E. Prikozhenko and others. Met. i gorn. prom. no. 2:26-27 Mr-Ap '66.

Differential method for studying radiative heat transfer. V. N. Adrianov, G. L. Pollak. Inzh.-fiz. zhur. 10 no. 2:264-267 F '66.

Effect of the diameter of a channel on critical heat currents. M. E. Shitsman. Teploenergetika 13 no. 4:70-72 Ap '66.

Efficiency of the use of apparatus with agitators as polymerization apparatus under conditions of high tonnage production. A. S. Kapustin. Trudy NIKHIMMASH no. 46:42-51 '64.

Graphic determination of the necessary heat transfer surface of water heat exchangers for cooling gas in low-temperature separation devices. M. V. Zaveratello, M. M. Vasil'ev. Gaz. delo no. 3:22-25 '66.

Heat and mass transfer near the critical point for various gases blown or sucked through the surface of a body. N. A. Anfinov. Izv. AN SSSR. Mekh. zhld. i gaz. no. 1:24-31 Ja-F '66.

Heat balance of the rolling unit of bearings with liquid self-lubricant for the vertical shaft. B. D. Voronkov. Trudy NIKHIMMASH no. 46:108-116 '64.

Heat exchange in molds, and its effect on the quality of silicate castings. I. I. Bykov, B. Kh. Khan. Lit. prozv. no. 3:25-26 Mr '66.

Heat spread in the wall of a finned water well pipe. I. A. S. Zhulodov. Teploenergetika 13 no. 3:89-91 Mr '66.

Heat transfer and hydraulic resistance in the viscous gravity flow of water in a horizontal tube at $q_{st} = \text{const}$. A. I. Mikhailov, E. K. Kalinin, S. A. Laitko. Inzh.-fiz. zhur. 10 no. 2:158-163 F '66.

Heat transfer between a fluidized bed and a cylindrical surface immersed into it, at low pressure. I. A. P. Shlapkova. Inzh.-fiz. zhur. 10 no. 3:318-320 Mr '66.

Heat transfer in apparatus with a stirrer. V. V. Konsetov. Inzh.-fiz. zhur. 10 no. 2:189-175 F '66.

Heat transfer resistances and estimated winter temperatures in designing heating systems. N. N. Razumov, I. V. Ushkov, I. V. Shapovalov. Vod. san. tekhn. no. 5:1-4 My '65.

Hydraulic resistance during surface boiling under conditions of forced motion of a liquid. A. P. Ornat'skii, L. I. Glushchenko. Teploenergetika 13 no. 4:63-66 Ap '66.

Improving the accuracy of formulas for determining the coefficient of the heat transmission of the KFS, KFB radiators in a hot-water heating system. M. M. Trudinskii, A. E. Neiberg. Sbor. tr. NIIST no. 17:189-196 '66.

Influence of gas pressure conditions in open-hearth furnace hearths on the speed of metal heating and the rate of certain reactions. V. L. Iokhimovich. Stal' 26 no. 4:313-315 Ap '66.

Intensification of transport processes in inhomogeneous gas-suspension flow. I. T. El'perin, A. L. Parnas. Inzh.-fiz. zhur. 10 no. 3:352-356 Mr '66.

Intensifying the processes of heat exchange in the combustion space of gas furnaces and methods for their improvement. M. M. Efros. Gaz. prom. 11 no. 4:39-45 '66.

Mathematical modeling of convective heat transfer between gas and particles in a cyclone chamber. L. N. Sidel'kovskii, V. N. Shechevlev. Teploenergetika 13 no. 4:74-79 Ap '66.

Methodology of determining the coefficients of heat transfer in heat exchanging apparatus. M. D. Burehien and others. Koks i khim. no. 4:16-18 '66.

Miller, V. S. [Contact heat exchange in high-temperature machine components] Kontaknyy teploobmen v elementakh vysokotemperaturnykh mashin. Kiev, Naukova dumka, 1966. 162 p.

Nomogram for calculating heat transfer in the race of plates heat exchangers. A. M. Maslov. Gidrol. i lesokhm. prom. 19 no. 3:14-15 '66.

Study of heat emission from a dropping heat transfer agent to a wall. Z. I. Geller, I. U. Z. Votokhin. Izv. vys. ucheb. zn., energ. 9 no. 4:117-121 Ap '66.

Study of heat transfer from a steel pipe to water saturated with carbon dioxide. N. S. Afierov, R. A. Rybin, N. P. Shamanov. Teploenergetika 13 no. 4:57-60 Ap '66.

Studying heat transfer during the partial condensation of ammonia and water vapors. V. M. Stefanovskii. Khol. tekhn. 43 no. 4:32-36 Ap '66.

Studying heat transfer in apparatus with a mixer during the work with synthetic rubber solutions. A. S. Kapustin. Trudy NIKHIMMASH no. 46:29-41 '64.

Studying the heat transfer and hydraulic resistance in an air plate type heat exchanger. V. A. Zagorulkov. Khol. tekhn. 43 no. 1:30-32 Ap '66.

HEMORRHAGE (Continued)

- Pathogenesis of hemotransfusion shock. A. M. Tikhonov, N. H. Fabrikant, V. V. Demidov. Pat. izобр. i izобр. 10 no. 10-13 Ja-F '66
- Significance of the disturbance of regional blood circulation in different parts of the body for the reversibility of an acute hemorrhagic shock and blood loss. G. S. Bakandov. Soob. AN Gruz. SSR 11 no. 3 727-732 M '66
- Some characteristics of the development of hemorrhagic collapse with a background of hypertension. A. N. Lomonov. Biol. eksp. biol. 61 no. 3 51-56 M '66
- Vascular changes in chronic suppurative processes of the lungs complicated by hemorrhage. A. V. Gligorin and others. Grad. khim. 8 no. 1 61-66 Ja-F '66

HEMORRHAGE, UTERINE

- Effect of endometrial stimuli in menopausal hemorrhages. A. A. Mandel'shtam, O. I. Chepit. Vop. onk. 12 no. 1 2-35 '66

HEMOSTATICS

- Use of Ichtyol as a hemostatic. A. S. Kishin. Uch. zap. KVI 92:165-168 '64

HEMP—VARIETIES

- Composition of flax and hemp in the Main Botanical Garden. T. S. Kantor. Bull. Glav. bot. sadu no. 60 83-93 '65

HEPARIN

- Heparin-trypsin complex and its effect on the fibrinolytic properties of the blood in vitro and in vivo. B. A. Khrushchev and others. Vop. med. khim. 11 no. 3 15-52 My-Ju '65

HEPATITIS, INFECTIOUS

(see also subdivision under Moscow Province)

- Diagnosis of epidemic hepatitis at a tuberculosis hospital. A. M. Vilderman. So. med. 29 no. 1 77-78 Ap '66
- Dynamics of vitamins C, B₁ and B₆ metabolism indices in epidemic Botkin's hepatitis. M. A. Borisova. Vop. pit. 25 no. 2 81-81 M-Apr '66
- Late after effects of infectious hepatitis (Botkin's disease) among children. O. I. Rcheulishvili. Soob. AN Gruz. SSR 11 no. 2 177-183 F '66
- Some properties of the autoinfecting virus isolated from the stomach content of people with epidemic hepatitis. D. Kh. Lomtin. Vop. virus. 11 no. 1 17-17 Ja-F '66

HEPATITIS, INFECTIOUS—PREVENTION

- Results of preventing epidemic hepatitis with γ -globulin. S. G. Faloutschin and others. Zhur. mikrobiol. i epid. i immun. 43 no. 3 117-121 M '66

HEPTANOIC ACID

- Polymerization of styrene initiated by polyoxycarbantho-tryling a terminal peroxide group and forming block copolymers. G. S. Kulenikov, L. K. Ivanov, Vyso. kom. sood. 8 no. 3 513-518 M '66

HEPTANOL

- Contact-catalytic transformations of 2, 1-dimethyl-2-pentanol and 3-methyl-3-heptanol. Kh. I. Areshidze, I. K. Tavarakladze. Soob. AN Gruz. SSR 11 no. 2 316-322 F '66

HEPTENE

- Catalytic copolymerization of propylene with butylene for the production of heptene. O. I. Areshidze and others. Khim. i tekhn. topl. i masel 10 no. 4 1-5 Ap '66

HERBICIDES

- Effect of herbicides on some agrochemical properties of soils. V. I. Zavarzin. Agrokhitimla no. 1 121-124 Ap '66
- Effect of some herbicides on the development of nitrogen-fixing bacteria. V. Rukov and others. Agrokhitimla no. 4 115-120 Ap '66
- Herbicidal activity of the alkyl esters of arylthiocarbamate acids. I. U. A. Baskakov, L. A. Bakumenko, V. S. Khandkarova. Agrokhitimla no. 4 125-128 Ap '66
- Herbicides and plant regulators. Part 16: Synthesis of some derivatives of urea and semicarbazide containing a carboxy group. S. R. Bolan, K. D. Shvetsova-Shlovtseva, N. N. Mel'nikov. Zhur. ob. khim. 36 no. 4 640-641 Ap '66
- Herbicides and plant regulators. Part 45: Synthesis of some substituted arylamines. N. A. Aliev, N. N. Mel'nikov, N. I. Shvetsov-Shlovtseva. Zhur. ob. khim. 36 no. 4 639-639 Ap '66
- International conference on herbicides. A. V. Voevodin, G. A. Chesalin. Zemledelo 26 no. 11 94-95 N '64
- Large-scale use of herbicides. D. S. Vasil'ev, P. A. Kostov. Zemledelo 26 no. 11 82-85 N '64
- New data on the fire hazards of some chemicals. V. Rofko, M. Chernysheva. Pozh. delo no. 11 31 N '66
- Use of fertilizers and herbicides in meadows of the German Democratic Republic. A. A. Zotov. Khim. v sel'. khoz. no. 4 76-80 Ap '66
- Use of alimazine and manuron in forage lupine fields. E. V. Bandarenko. Vestn. AN BSSR. Ser. sel'kh. nauch. 4 66-69 '65

HERBICIDES—ANALYSIS

- Production control of 2,4-dichlorophenoxyacetic acid herbicide by potentiometric titration. E. A. Gribova, E. U. Khmel'nitskaia. Zav. lab. 31 no. 7 795-799 '65

HERCK, FERDINAND, 1905-1966

- Ferdinand Herck, an obituary. Radiobiologia 6 no. 2 332 '66

HEROES

- Fathers who are the pride of their children. A. Semenchuk. Semla i shkola 21 no. 2 9-11 F '66
- How many Mayosovs did we have? Mol. komm. no. 2 1-6 '66
- The last contribution of a Komsomol organizer. P. Abramenko, V. Porinianski. Mol. komm. no. 3 18-19 '66

HERPES SIMPLEX

- Some characteristics of various strains of herpes simplex virus. A. K. Shul'dzic, T. M. Maevskaya. Vop. virus. 11 no. 1 73-76 Ja-F '66

HERSCHEL, Sir WILLIAM, 1738-1822

- Herschel, A. L. [Herschel's universe, his cosmological and cosmological ideas and discoveries] Vseennaya Gershelia, kosmologicheskio i kosmogonicheskie idel i otkrytia. Moskva, Nauka, 1966. 318 p.

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

- With the pathos of a scholar. V. Putintsev. Vop. lit. 9 no. 11 231-231 N '65

HETEROCYCLIC COMPOUNDS

- Effect of the position and nature of the substituent on the vibration spectra of five-membered heteroaromatic systems. I. A. M. Kimel'fel'd and others. Zhur. strukt. khim. 7 no. 1 42-47 Ja-F '66

HETEROSIS

- Study of heterosis effect in corn hybrids of different reproductions. V. I. Mal'tsev. Vestn. AN BSSR. Ser. biol. nav. no. 1 52-56 '66
- Study of the heterosis phenomenon in radish, tobacco and strawberry. S. I. Naibut, T. S. Fadeeva. Genetika no. 3 4-15 '66

HEXADECANE

- Cracking of n-hexadecane in the presence of silica gel modified by alkali treatment. G. M. Panchenko and others. Neftekhimla 5 no. 2 211-216 M-Apr '66
- Thermal decompositions of n-hexadecane. Kh. I. Areshidze, D. M. Benashvili. Trudy Inst. khim. AN Gruz. SSR 17 207-216 '63

HEXAMETHYLENETETRAMINE

- Molecular compound of beryllium chloride with urotropine. E. A. Gunner, L. M. Mel'nikenko. Zhur. neorg. khim. 11 no. 2 429 F '66

HEXANAMIDE—THERMAL PROPERTIES

- Study of the effect of fillers on the thermal behavior of polyacrylamide by means of differential thermal analysis. I. U. U. Korcha, R. V. Vaitsekhovskii. Vyso. kom. sood. 8 no. 3 415-418 M '66

HEXANEDIAMINE

- Chromoelectrometric analysis of mixtures of HCl and hydrochlorides of hexamethylenediamine, hexamethylenimine and aminonitrile. T. A. Khudjakova, V. N. Vaganova. Zhur. prikl. khim. 38 no. 2 417-419 F '65

HEXANOIC ACID—PHYSIOLOGICAL EFFECT

- Antifibrinolytic and toxic properties of 6-aminocaproic acid under experimental conditions. R. I. Zaitseva. Farm. i toks. 28 no. 2 196-199 M-Apr '65

HEXANOIC ACID—THERAPEUTIC USE

- Acute fibrinolysis following adenomeotomy and its treatment with 6-aminocaproic acid. S. G. Kontukhov, V. G. Egorov. Urol. i nefr. no. 4 58-60 '65

HEXOBARBITAL

- New drugs. Apt. delo 13 no. 6 85-87 N-D '64

HEXOBARBITAL—PHYSIOLOGICAL EFFECT

- Effect of transamine, phenamine, and pyridole on the duration of hexenal anesthesia and the central cholinolytic properties of these compounds. I. A. Balkina. Farm. i toks. 28 no. 2 131-135 M-Apr '65

HIBERNATION

- Sensitivity of a hedgehog to g-strophanthin during hibernation. G. Kingalepp. Farm. i toks. 28 no. 4 434-436 Ju-Ag '65

HIDES AND SKINS

- Closed cooperation among cooperators and farms. I. Anikhtin. Zakup. sel'khoz. prod. no. 3 27-28 M '66
- Production and procurement of hides. A. Kantsepol'skii. Zakup. sel'khoz. prod. no. 2 81-83 F '66

HIDES AND SKINS—DISINFECTION

- Decontamination of raw hides and pelts obtained from animals with brucellosis. K. Dygenov. Trudy AZVI 13:153-157 '61
- Disinfection and preservation of sheepskins infected by listeria. M. A. Baranenkov. Veterinaria 42 no. 3 95-101 M '66
- Disinfection of the wool and skins of sheep in braxy. Ch. Kerimov. Veterinaria 42 no. 3 101-104 M '66

HIDES AND SKINS—PRESERVATION

- Use of separators for the purification of conservation solutions in hide and skin processing. Z. K. Istait, B. Vasserman. Mles. ind. SSSR 37 no. 2 12-11 '66

HIDES AND SKINS—STANDARDS

- Standards for rabbit skins. R. Karastik. Mles. ind. SSSR 37 no. 2 56-59 '66

HIGH MOLECULAR WEIGHT COMPOUNDS see

Macromolecular compounds

HIGH-PRESSURE STEAM see Steam, High-pressure

HIGHER EDUCATION see Education, Higher

HIGHWAY TRANSPORT WORKERS

- Outstanding workers. Avt. transp. 11 no. 3 7-3 M '66

HILBERT SPACE

- Invariant subspaces of completely continuous bi-symmetric operators. V. I. Godich. Ukr. mat. zhur. 18 no. 3 103-107 '66

- Possibility of the dynamic representation of a theory in the Wightman axiomatic scheme. A. N. Vasil'ev, Zhur. eksp. i teor. fiz. 50 no. 3 691-700 M '66
- Some criteria of the boundedness of solutions to differential equations of the second order in Hilbert space. A. Chirayev. Izv. AN Turk. SSR. Ser. fiz.-tekhn. i geol. nauk no. 2 6-15 '66

HINDI LANGUAGE—AFFIXES

- Emotional-estimative suffixes of personal names in Hindi. V. A. Chernyshev. Krat. soob. Inst. nar. Az. no. 62 61-70 '64

HINDI LANGUAGE—FOREIGN WORDS AND PHRASES

- Methods of transmitting new terminology in Hindi. A. S. Bar'kudarov. Krat. soob. Inst. nar. Az. no. 62 14-35 '64

HINDI LANGUAGE—MOOD

- Category of the suppositional mood in Hindi. V. P. Liporovskii. Krat. soob. Inst. nar. Az. no. 62 35-45 '64

HINDI LANGUAGE—SENTENCES

- Constructions without verbs in Hindi. V. A. Chernyshev. Krat. soob. Inst. nar. Az. no. 62 80-108 '64

HINDI LANGUAGE—TERMS AND PHRASES

- Methods of transmitting new terminology in Hindi. A. S. Bar'kudarov. Krat. soob. Inst. nar. Az. no. 62 11-35 '64

HINDI LANGUAGE—VERB

- Auxiliary function of the denominative verb "khara hona" in Hindi. V. M. Beskrovnyi. Krat. soob. Inst. nar. Az. no. 62 58-60 '64

HIP JOINT—SURGERY

- Analysis of the outcome of some surgical interventions in the hip joint. V. I. Dufger. Vop. travm. no. 3 77-83 '65

HIPPOMARATHRUM

- Heracleon from roots of Hippomarathrum micocarpum (M. B.) B. Fedishch family Umbelliferae. S. Sh. Kerimov. Zhur. prikl. khim. 38 no. 3 600-604 M '66

HISTIDINE

- Regulation of the deamination pathway of histidine cleavage in the liver. K. N. Miasodova. Biokhitimla 31 no. 1 82-189 Ja-F '66

HISTOLOGY—CONGRESSES

- International Symposium on "Electron microscopic studies of histogenesis and regeneration". A. A. Volkovich, I. I. Dedov. Usp. sovr. biol. 61 no. 2 315-310 M-Apr '66

HISTOLOGY, PATHOLOGICAL

- Changes in cellular infiltration of the mucous membrane of the stomach in chronic gastritis according to gastropathic materials. V. Salupere. Arkh. pat. 28 no. 2 38-43 '66
- Ultrastructure of microglial elements of the human brain in schizophrasia and some other mental diseases. M. I. Glezor. Vest. AMN SSSR 21 no. 3 30-36 '66

HISTONES

- Cytophotometric determination of DNA and histones in the optical meristem of *Elodea densa* L. I. P. Ermakov. Dokl. AN SSSR 167 no. 1 944-945 Ap '66

HUMERUS—FRACTURE

Early functional treatment of high fractures of the humerus. G. V. Radkunov. Vop. travm. no. 2:23-28 '63

HUMIC ACID

Interaction of humic acids with iron and aluminum hydroxides. G. A. Levashkevich. Pochvovedenie no. 4 58-65 Ap '66.

HUMIDITY—MEASUREMENT

Automatic measurement of temperature fields and humidity in the boundary layer. G. V. Shantyr'. Inzh. fiz. zhur. 10 no. 3:321-325 Ma '66.

Drying the gas communications of the DDN-1M. V. I. Gushchik. Vest. p. otivovoza, oboi. no. 1:79 Ap '66.

Measurement of humidity in the upper atmosphere. I. A. Radinov, S. D. Andreev, V. B. Lipatov. Meteor. issl. no. 12:66-79 '66.

HUMUS

(see also subdivision under Pozharskoye region, Maritime Territory)

Change in the humus composition of chestnut soils as related to climatic conditions. P. T. Solov'ev, R. N. Turlina-Zelinskaya. Nauch. dokl. vys. shkoly, biol. nauki no. 2:206-208 '66.

Changes in the humus composition of arable turf-podzolic soil. B. A. Nikitin. Nauch. dokl. vys. shkoly, biol. nauki no. 2:210-211 '66.

Dynamics of mineral nitrogen in peat-bog soils in connection with the use of organic substances. V. N. Pereverzev. Agrokhimia no. 4:14-20 Ap '66.

HUNG SIEN, 1893-1955

The "Theater association" and Hung Shen. E. V. Mal'tseva. Trudy BKNII no. 10:161-161 '65.

HUNGARIAN NEWSPAPERS

The path of the "Vozes Ujssag." Gabos Szatmari. Sov. p. ch. no. 11:53-54 N '64.

HUNGARIAN STUDIES

The Second International Congress of the Students of the English and Hungarian Languages and Folklore. Z. M. Dushovina. Vest. LGU 21 no. 8:159-160 '64.

HUNGARY—COMMUNIST YOUTH

The Hungarian Communist Youth League. Mol. komm. no. 2:69 '66.

HUNGARY—ELECTRIC ENGINEERING—SAFETY MEASURES

Universal system of protection. Sandor Egri, Gyula Huber. T. ch. i. v. o. u. r. ch. no. 12:63-65 D '66.

HUNGARY—MILITARY EDUCATION

Combat skill is growing. Istvan Bertalan. Tekh. i. v. o. u. r. ch. 12:11-13 D '65.

HUNGARY—RELATIONS (GENERAL) WITH RUSSIA

The Fourth Congress of the Society of Hungarian-Soviet Friendship. V. I. Khudaych. Ust. ist. i. hur. 10 no. 4:139-160 Ap '66.

HUNGARY—SLAVIC STUDIES

Studies of Hungarian scholars devoted to the Slavic languages and literature. M. A. Sokolova, N. A. Meshcherak. Vest. LGU 21 no. 8:152-156 '66.

HUNGARY—STANDARDIZATION—STUDY AND TEACHING

Teaching standardization in Hungarian institutions of higher learning. F. Dukati. Vest. vys. shkoly 24 no. 4: 61-65 Ap '66.

HUNGARY—URANIUM ORES

Mechanism of the formation of sedimentary uranium ores as revealed by a study in the Mecsek deposit (People's Republic of Hungary). A. Barabas, K. Virag, L. I. Pol. Iskop. no. 2:143-145 Mr.-Ap '66.

HUNGARY—WORLD WAR, 1939-1945

Pushkash, A. I. [Hungary in the years of the Second World War] Vengria v gody Vtoroi Mirovoi volny. Moskva, Nauka, 1966. 524 p. (Vtoraya Mirovaya volna v issledovaniyakh, vospominaniyakh i dokumentakh)

HUNTING see subdivision under Kazakhstan

HUZULS see Huculs

HYDATIDS see subdivision under Uzbekistan

HYDRACRYLIC ACID—PHYSIOLOGICAL EFFECT

Sporicidal properties of β -propiolactone. M. I. Vorob'ev. Voenn.-med. zhur. no. 4:55-58 Ap '66.

HYDRATES

Absorption of nitrogen oxides by the hydrates of magnesium, strontium and barium oxides. E. V. Perov. Trudy NPI 121:57-60 '61.

HYDRATION

Structure of the products of hydration of $\text{CaSO}_4 \cdot 0.5 \text{H}_2\text{O}$. M. L. Gidlov, Z. P. Chumak. Dup. AN URSSR no. 2:203-208 '66.

Synthesis of methylisobutylcarbinol and diethylpyropylcarbinol by sulfuric acid hydration of a polyolefin dimethyl. Sh. T. Gidlov, I. U. G. Osokin. Neftekhimika no. 2: 231-236 Mr.-Ap '65.

HYDRAULIC CONTROL

Efficiency of a hydraulic servo drive of throttling control. I. U. Gidlov, Stan. i. instr. 37 no. 4:1-2 Ap '66.

Using hydraulic components in computers. V. Ambartsumian. Priam. i. m. 9 no. 1:27-30 Ja '66.

Volume efficiency coefficient of the hydraulic blade-type rudder drive. V. V. Zavisla. Sud. i. ust. no. 3: 11-19 '61.

HYDRAULIC CONVEYING

Automated unit for the hydraulic conveying of salt. K. S. Besmerlyal, and others. Khim. prom. 42 no. 4: 305-308 Ap '66.

Hydraulic conveying of slag. E. Z. Nagli, L. N. Granat. Flek. i. ta. 37 no. 2:28-33 I '66.

Hydraulic pipelining of viscous petroleum. A. Sh. Asaturlan, V. I. Chernikin. Neft khoz. 43 no. 7:56-59 Ji '65.

Prevention of the clogging of pipes carrying milk of lime. V. S. Gochev, M. T. Molchadskii. Energetik 14 no. 1: 19 Ap '65.

HYDRAULIC ENGINEERING

Calculation of a nonsteady turbulent flow in the spreading sector of a channel. N. G. Kisilosturian. Izv. AN Arm SSR Ser. tekhn. nauk. 10 no. 1:10-15 '66.

Calculating shaft spillways. N. I. Roman'ko, Gidravlika no. 2:99-107 '66.

Calculating syphon spillways of pumping stations with hydraulic valves for vacuum breakaway. V. M. Nekrasov. Gidravlika no. 2:88-98 '66.

Calculating the percolation through an apron at a processed line of the confining stratum. V. T. Kovalev. Ust. i. m. zhur. 18 no. 2:123-126 '66.

Goncharov, Z. S., E. Z. Korobanov, and Z. P. Orlova. [Hydraulic engineering and melioration in fish culture] Rybkhosloistvennaya gidrotekhnika i melioratsiya. Izd. 2, perer. i dop. Moskva, Pishchevala promyshlennost', 1965. 329 p.

N. E. Kondrat'eva's differential equation for rotational turns of an elementary surface of a turbulent flow. A. A. Tsiminov. Izv. VNIIG 74:49-55 '64.

Percolation through a horizontally drained earth embankment on a permeable base of finite depth. A. R. Tsi-tskhishvili. Soob. AN Gruz. SSR 11 no. 3:535-541 Mr '66.

Plotting the discharge curves of infiltration basins for the recharge period with a stable film. T. V. Rudenko. Gidravlika no. 2:176-185 '66.

HYDRAULIC ENGINEERING—ABSTRACTS

Leninrad, Vsesoyuznyi nauchno-issledovatel'skii institut gidrotekhniki. [Abstracts of research work on hydraulic engineering finished in 1963] Annotatsii zakonchennykh v 1963 godu nauchno-issledovatel'skikh rabot po gidrotekhnike. Moskva, Energiya, 1965. 766 p.

HYDRAULIC ENGINEERING—COLD WEATHER CONDITIONS

Means to prevent the accumulation of underwater ice. P. I. Ioda. 55 no. 4:118-119 '66.

HYDRAULIC ENGINEERING—CONGRESSES

21st International Congress of Navigation. V. Balashin. Rech. transp. 25 no. 3:30-34 '66.

HYDRAULIC ENGINEERING—INSTRUMENTS

Prognosis of the development of underground backwaters using V. S. Luk'yanov's hydraulic integrator. P. M. Pali-chenko, A. B. Sotnikov. Vop. osush. mest. pol. Iskop. no. 3:47-53 '64.

HYDRAULIC ENGINES

Hydraulic motor for a self-propelled frame operating in mountain areas. K. Terikashvili. Trudy GRUZ-NIMESKIIA no. 2:81-89 '63.

HYDRAULIC FILLING

Pressure of broken down coal and of the filling in the pillar system of working to the rise. B. A. Zhukov. Fiz.-tekhn. prob. razrab. pol. Iskop. no. 1:127-131 '65.

HYDRAULIC JACKS—DESIGN AND CONSTRUCTION

Automatic welding of hydraulic jack castings. L. I. Terent'ev, M. M. Zhasimov. Svar. prozv. no. 2:36-37 F '66.

HYDRAULIC MACHINERY

Study and calculation of the parameters of a flow in single-stage hydraulic torque converters with Francis-type turbines. P. S. Zavisla. Izv. vys. ucheb. zav. i. energ. 9 no. 1:82-88 Ap '66.

Theory of Chepurov's water-lifting system. G. V. Anonovich, E. A. Shastennin. Izv. AN SSSR, Mekh. zhid. i. gasa no. 1:176-178 Ja-F '66.

HYDRAULIC MINING

Expenses for the maintenance of mine workings at coal mine No. 1 of the Yanovka hydraulic mine. B. V. Rad'ko, A. A. Gubanov. Ugol. Ust. 10 no. 1:16-18 Ap '66.

Peculiarities of the formation of working face slopes and open-pit side walls during the dredging of deep placers. G. N. Voronchikhin. Izv. vys. ucheb. zav. i. gor. zhur. 9 no. 2:19-23 '66.

Washing-off of ore tailings with a hydraulic jet. M. I. Agoshkov and others. Gor. zhur. no. 1:43-46 Ap '66.

HYDRAULIC PRESSES

Hydraulic press installation for the straightening of metal structures. I. U. Karmashev, E. A. Korovin, A. L. Altsenstok. Kuz.-shtam. prozv. 8 no. 3:33-36 Mr '66.

HYDRAULIC PRESSES—DESIGN AND CONSTRUCTION

Design of hydraulic press cylinders. E. F. Bogdanov. Kuz.-shtam. prozv. 8 no. 10:31-35 O '64.

HYDRAULIC PRESSES—MAINTENANCE AND REPAIR

Analyzing the breakdown of the base elements of powerful hydraulic presses. P. A. Pylnik. Kuz.-shtam. prozv. 8 no. 3:21-27 Mr '66.

Building up of the parts of hydraulic presses exposed to cavitation erosion. M. M. Razikov, I. A. Tolstov, V. P. Ilin. Svar. prozv. no. 5:27-28 My '66.

HYDRAULIC STRUCTURES

(see also subdivision under Kura Valley)

Determination of the stability and deformation of retaining walls. A. Kizlov. Rech. transp. 24 no. 9:40-41 '65.

Vikhilov, I. I. [Peat in hydraulic engineering] Torf v gidrotekhnicheskoi stroitel'stve. Pod red. M. M. Sokol'skogo. Moskva, Energiya, 1965. 104 p.

HYDRAULIC STRUCTURES—STANDARDS

Russia (1923—U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Stroiizdat.

Pl. 2 Sec. I Ch. 1. [Hydraulic river structures, basic regulations for designs] Gidrotekhnicheskoe sooruzheniya i uchnye, osnovnye polozeniya proektirovaniia (SNIP II-1 1-62), 1966 31 p.

HYDRAULIC TURBINES

(see also subdivision under Saratov Hydroelectric Power Station)

Approximation of blade rigidity of a Kaplan turbine. A. G. Andreev. Vest. KPI no. 1:203-207 '65.

Study and calculation of the parameters of a flow in single-stage hydraulic torque converters with Francis-type turbines. P. S. Zavisla. Izv. vys. ucheb. zav. i. energ. 9 no. 4:82-88 Ap '66.

Study of the magnitude of the moment of inertia of a hydraulic unit in transitional modes of operation. A. A. Astamazian. Izv. AN Arm SSR, Ser. tekhn. nauk. 10 no. 1:3-6 '66.

HYDRAULIC TURBINES—PARTS

Thermal treatment of carburized parts for hydraulic turbines. P. I. Butkevich, Metalloved. i. term. obr. met. no. 6:50 Je '65.

HYDRAULICS

Simple calculation of drop spillways having rectangular and trapezoidal cross sections. B. O. Rotuk, I. S. Alekseev, G. I. A. Shvets. Gidravlika no. 2:53-58 '66.

HYDRAZIDES

Polymerization of ϵ -caprolactam in the presence of carboxylic acid hydrazides. V. A. Ianchevskii, A. P. Grekov, K. A. Kornev. Vysokom. soed. 8 no. 3:400-408 Mr '66.

Substituted hydrazides of hydroxycarboxylic acids. Part 25: m-Tolylhydrazides of diaryl- and dialkylglycolic acids. I. S. Bordin and others. Zhur. org. khim. 2 no. 2:318-322 I '66.

HYDRAZINES

Chemistry of free radicals of the hydrazine series. Part 47: α -(N-methyl-2-benzimidazolyl)-2-benzothiazolyl- α -phenyl- β -2,4,6-trinitro-5-morpholinophenylhydrazine and their properties. R. O. Matevosian, L. A. Petrov, V. D. Galiminskikh. Zhur. org. khim. 2 no. 2:230-233 F '66.

Effect of hydrazine on ovomucoid. E. D. Kaverzheva, V. Kh. Lapuk. Biokhimiia 31 no. 1:137-142 Ja-F '66.

Electrochemical formation of hydrazine radicals. I. I. Iasov, A. V. and others. Teor. i. ekspr. khim. 3 no. 1:142-143 '66.

Hydrazine compounds of germanium. P. V. Gogorishvili, E. A. Kvezereli. Soob. AN Gruz. SSR 41 no. 2:323-328 F '66.

Occurrence of a three-membered hydrazine ring. P. V. Gogorishvili, M. G. Tskitishvili. Trudy Inst. khim. AN Gruz. SSR 17:3-11 '61.

HYDRAZINES—PHYSIOLOGICAL EFFECT

Antifibrillation properties of hydrazine derivatives on the cardiovascular system. V.I. Lashchayev, Farm. i toks. 28 no. 2, 170-172 Mr-Apr '65.

Pathogenesis of hemolytic anemia caused by phenylhydrazine, experimental materials. N.A. Grigorovich Biol. eksp. biol. i med. 51 no. 2, 20-32 I '66.

HYDRAZONES

Prototropic isomerization of alkylhydrazones as a method of synthesizing azo compounds. B.V. Ioffe, Z. i. 54-geeva, V.S. Stopan. Dokl. AN SSSR 167 no. 1, 831-834 Ap '66.

Syntheses of heterocyclic compounds based on the E. Fischer reaction. Part 4. Identification of some products of the catalytic decomposition of alkylhydrazones. I.B. Kitaev, T.V. Trotskaya, A.E. Arbuzov. Zhur. org. khim. 2 no. 2, 340-345 F '66.

HYDROCARBONS

(see also subdivision under Krasnodar Territory)

Accumulation of solid hydrocarbons in petroleum of various types. A.N. Guseva, I.E. Leifman, L.A. Faingerah. Neftegaz. geol. i geofiz. no. 4, 41-44 '66.

Activation of aromatic hydrocarbons. E.M. Shams, M.M. Dashkevskii. Zhur. org. khim. 2 no. 2, 280-282 F '66.

Adsorption of hydrocarbons and water from their solutions by zeolites. G.I.A. Aleksandrova, I.U. A. Chelkov. Vestsi AN BSSR, Ser. khim. nav. no. 1, 81-87 '66.

Aqueous dimethylformamide as solvent of hydrocarbons. G.E. Ledashova, A.Z. Dorogochinskii. Khim. i tekhn. i masel 11 no. 3, 33-35 M '66.

Chromatographic method of studying the adsorption of hydrocarbons on an aluminum-chromium-potassium catalyst. V.I. Akerson and others. Neftekhim. 5 no. 2, 264-271 '65.

Condensed aromatic hydrocarbons of the kerosene-gas oil fraction. P.S. Makovetskii, Z.S. Smutkova, D.F. Serdyuk. Khim. i tekhn. i masel 10 no. 4, 9-11 Ap '65.

Content of individual aromatic hydrocarbons C₉-C₁₀ in gas condensate fields. I.A. Savvina, L.D. Shuklina. Gaz. defo. no. 4, 14-18 '66.

Means for utilizing the head fractions of first-run gasoline and hydrocarbons removed from raffinates of catalytic reforming. A.L. Rabkina, Nefteper. i neftekhim. no. 10, 33-35 '65.

Multi-stage reactor for continuous liquid-phase oxidation of hydrocarbons. N.M. Lebedeva and others. Masel. i zhir. prom. 32 no. 2, 43-45 F '66.

Optical light methane petroleum hydrocarbons in the light of the characteristics of their composition. A.I. Bogomolov, V.K. Shimanovskii. Geokhimiya no. 1, 115-121 Ja '66.

Oxidative dehydrogenation of hydrocarbons from a butane-bulene mixture. E.A. Boguslavskii, I.I. Ukol'son. Neftekhim. 6 no. 1, 60-64 Ja-F '66.

Radical mechanism of phenol transformation in a hydrocarbon medium. V.N. Veichukina, Z.K. Matzuev, N.M. Emanuel'. Zhur. fiz. khim. 40 no. 4, 752-765 Ap '66.

Role of underground water discharge zones in the formation of hydrocarbon accumulations and their significance for oil prospecting. V.A. Krolova. Sov. geol. 9 no. 3, 97-105 Mr '66.

Some conditions governing the isomerization of petroleum hydrocarbons (concerning G.V. Chetchenko's article). V.G. Kuznetsov, N.P. Savitskaya. Trudy MINKHOP no. 61, 79-82 '66.

Using anhydrous dimethylformamide for removing aromatic hydrocarbons from rubber distillates. G.E. Ledashova, A.Z. Dorogochinskii. Nefteper. i neftekhim. no. 4, 15-18 '65.

Using chromatography for determining aromatic hydrocarbons in products of catalytic reforming. M.A. Kolobin, K.N. Mamaeva, A.N. Ushakov. Nefteper. i neftekhim. no. 10, 17-20 '65.

HYDROCARBONS—DRYING

Studying the process of rectification drying of hydrocarbons. M.E. Aorov, V.N. Vostrikova, R.E. Gurovich. Khim. prom. 42 no. 4, 298-300 Ap '66.

HYDROCARBONS—PURIFICATION

Adsorption of impurities from liquid hydrocarbons by synthetic zeolites. V.S. Vinogradova, L.S. Kofman. Vestsi AN BSSR, Ser. khim. nav. no. 1, 99-101 '66.

HYDROCARBONS—SPECTRA

Electron-vibrational spectra of aromatic hydrocarbons and the number of π -bonds in conjugation. A.E. Lutsik and others. Teoret. i eksper. khim. 2 no. 1, 112-117 '65.

HYDROCARBONS, EFFECT OF RADIATION ON

Effect of the addition of small amounts of benzene on the rate of formation of hydrogen in the liquid-phase radiolysis of hydrocarbons. V.I. Makarov and others. Neftekhim. 6 no. 1, 59-62 Ja-F '66.

HYDROCEPHALUS

Latest results of the surgical treatment of communicating hydrocephalus in children. V.M. Samonov. Vop. neirokhir. 30 no. 1, 15-18 Ja-F '66.

Results of the treatment of obstructive hydrocephalus with palliative operations combined with radiation therapy. I.S. Babichin, I.U. P. Kivoshina. Vop. neirokhir. 30 no. 1, 16-18 Ja-F '66.

Surgical treatment of obstructive hydrocephalus in children. V.L. Rostotskaya. Vop. neirokhir. 30 no. 1, 15-18 Ja-F '66.

HYDROCHLORIC ACID

Chromatometric analysis of mixtures of HCl and hydrochlorides of hexamethylenediamine, hexamethylenimine and aminonitrile. T.A. Khudinkova, V.N. Vaganova. Zhur. prikl. khim. 38 no. 2, 417-419 F '65.

Hydrochlorination of vanadium pentoxide. I.A. Glukhov, A. Tutsunov. Dokl. AN Tadzh. SSR 9 no. 3, 26-29 '66.

HYDRODYNAMICS

Analysis of recent trends in the study of unsteady water flow in open channels. V.A. Bol'shakov. Gidravlika no. 2, 3-14 '66.

Coefficient of translation friction of macromolecules as dependent on concentration in thermodynamically ideal solvents. I.A. Poddubnyi, A.V. Podalinskii, V.A. Gerasimovskii. Dokl. AN SSSR 167 no. 5, 1102-1104 Ap '66.

Determining the speed multiplier C in a channel with nonuniform walls. I.D. Denisenko. Gidravlika no. 2, 65-77 '66.

Effect of a temperature field on the stability of liquid flow between rotating cylinders. V.K. Shchukin. Inzh. i fiz. zhur. 10 no. 3, 357-362 Mr '66.

Effect of the bottom inclination on the spreading of a turbulent flow escaping from a circular pipe. G.I.A. Mischevskii. Gidravlika no. 2, 85-88 '66.

Filtration in an earth dam with a discontinuous tubular drainage. A.I.A. Olenik. Gidravlika no. 2, 168-175 '66.

Forms of water flow through drop spillways. I.U. M. Konstantinov. Gidravlika no. 2, 50-64 '66.

Hydrodynamic pressure on the vertical wall in a channel with a semicircular section. S.G. Shul'man. Prikl. mekh. 2 no. 4, 130-131 '66.

Investigating the spreading of a turbulent flow in the underwater of a water discharging system. G.G. Litvinskii. Gidravlika no. 2, 78-84 '66.

Law of distribution of the sizes of gas bubbles in a turbulent liquid flow. V.I. Mischev, G.G. Neutimin. Akust. zhur. 11 no. 4, 453-457 '65.

Liquid flow past gas bubbles of large size. B.B. Biant, D.I. Potazhik. Inzh. i fiz. zhur. 10 no. 2, 197-200 F '66.

Losses due to friction in the flow of low-pressure air-water and air-solution mixtures in vertical circular tubes. I.I. Sagan, N.I. Tobilevich, S.I. Tkachenko. Inzh. i fiz. zhur. 10 no. 3, 341-347 Mr '66.

Relativistic analogies of some problems and laws of conservation of classical hydrodynamics. V.S. Tsalych. Dop. AN URSR no. 3, 333-335 '66.

Results of the investigation of a by-pass filtration to waterproof banks in the area adjoining earth dams. F.V. Kondrat'ev. Gidravlika no. 2, 147-159 '66.

Speed of flows along river banks behind bank-protecting breakwaters. V.N. Sidorchuk, V.Z. Averin. Gidravlika no. 2, 128-133 '66.

Taylor instability of a liquid film on a body. A.A. Zaitsev. Izv. AN SSSR, Mekh. zhid. i gasa no. 1, 101-104 Ja-F '66.

Using the EGDA integrator in solving some problems of unsteady free filtration from earth beds. A.A. Dobronravov. Gidravlika no. 2, 143-146 '66.

Zel'dovich, I.A.B., and I.U. P. Raizer. [Physics of shock waves and high-temperature hydrodynamic effects] Fizika udarnykh voln i vysokotemperaturnykh gidrodinamicheskikh yavlenii. Izd. 2., dop. Moskva, Nauka, 1966. 686 p.

HYDROELECTRIC POWER STATIONS

(see also subdivision under Rance River, France; see also Bratsk Hydroelectric Power Station; Dneproenerzhinsk Hydroelectric Power Station; Kuzov Hydroelectric Power Station; Nurek Hydroelectric Power Station; Upper Tula Hydroelectric Power Station; Vilyuyk Hydroelectric Power Station)

Safarov, E.D. [Principles of the water supply, economic and power calculations for hydroelectric power stations] Osnovy vodokhozaystvennykh i energo-ekonomicheskikh raschetov gidroelektricheskikh stantsii. Erevan, Arastan, 1965. 383 p.

Selection of regulating regimes for a series of hydroelectric power stations operating jointly with thermal electric power plants. S.V. Shakhverdian. Izv. VNIIG 74:237-252 '64.

A survey of the calculation of flow at hydroelectric power stations according to data of hydrologic year-books. A.M. Gavrilov. Trudy GGI no. 131, 3-22 '66.

Water-level drop in a surge tank during a sudden increase in the load and the constant capacity of a hydroelectric power station after the load increase. I.A. Chernatin. Izv. VNIIG 74:87-87 '64.

HYDROFLUORIC ACID

Kinetics and mechanism of the reaction of hydrofluoric acid with aluminum hydroxide. L.D. Prikl. khim. 30 no. 1, 58-64 Ja '66.

HYDROFOIL BOATS

(see also subdivision under Japan)

The hydrofoil boat "Chaika." I.I. Ershkin. Zhur. prikl. khim. 30 no. 4, 1-4 Ap '64.

Organizing the services of high-speed vessels. V.I. Kharin, V. Afanasyev, V. Belakov. Rezh. i no. 3, 7-9 Mr '61.

HYDROFOIL BOATS—MAINTENANCE AND REPAIR

Ship with an arch lift for hydrofoil boats. Rezh. i no. 2, 20-30 '65.

HYDROGEN

Change of exchange of protons in inert gases in formation of fast hydrogen atoms in the excited states. E.P. Andreev, V.A. Ankudinov, S.V. Zhur. eksp. i teor. fiz. 50 no. 3, 565-575 '65.

Determination of the equilibrium constant of the reaction of hydrogen of magnetite to iron at 1000°C. V.I. Vorob'ev, V.N. Boguslovskii, G.I. Chud. AN SSSR 167 no. 5, 1112-1114 Ap '66.

Effect of the addition of small amounts of benzene on the rate of formation of hydrogen in the liquid-phase radiolysis of hydrocarbons. V.I. Makarov and others. Neftekhim. 6 no. 1, 58-62 Ja-F '66.

Hydrogen bonds in water and their significance for geological interpretations. A.M. Blokh. Izv. AN SSSR, Ser. geol. 31 no. 3, 42-58 Mr '65.

Mechanism of low-temperature reduction of iron by hydrogen. K.G. Khomakov, A.I. Pavlov. Zhur. fiz. khim. 40 no. 4, 826-830 Ap '66.

Neutral hydrogen in the region of galactic magnetic fields. I.V. Gerasimovskii. Astron. zhur. no. 2, 284-290 Mr-Apr '66.

Viscosity of hydrogen under low temperatures and pressures. I.F. Golubev, R.I. Shepeleva. Gid. i no. 4, 54-58 '66.

HYDROGEN—ANALYSIS

Quantitative determination of hydrogen in organic compounds contained in sulfur. M.D. Bon', I.Y. Zaitsev, V.M. Pashin. Zav. lab. 32 no. 4, 411-412 '65.

HYDROGEN BACTERIA see Bacteria, Hydrogen

HYDROGEN BONDING

Effective dipole moment of molecules and intermolecular reactions involving π -electrons. A.E. Lutsik. Strukt. khim. 7 no. 1, 143-145 Ja-F '65.

Influence of hydrogen bonds on the kinetics of interaction of free methyl radicals with phenol. L.N. Shishkova, I.V. Bererit. Vest. Mosk. un. Ser. 2. Khim. 21 no. 1, 5 Ja-F '66.

HYDROGEN-ION CONCENTRATION

Absorption and transformation of nitrates by corrosion at different values of pH of the nutritive solution. Andrenko, N.D., Alekhina. Nauch. dokl. vuz. shk. i nauki no. 2, 156-159 '66.

Automatic pH stat. L.N. Gal'perin, L.B. Makovetskii. Khim. i tekhn. i masel 10 no. 4, 935-957 '65.

Conditions of zinc molybdate formation. A.N. Zaitsev, I.P. Kisel'nikov, N.V. Strelina. Izv. AN SSSR, Ser. khim. no. 2, 3507-3510 Mr '66.

Effect of friction of the steel potential in solutions at various pH values. Zhur. prikl. khim. 38 no. 2, 33-35 F '65.

Effect of pH value on corrosion in crevices. I.B. Lutsik, Zhur. prikl. khim. 38 no. 2, 356-360 F '65.

Effect of the active acidity (pH) of the gastric contents on the secretory function of the stomach. M.F. H. Vop. pit. 23 no. 3, 61-67 My-Je '64.

Hydrogen electrode potential as dependent on the solution under isoelectric conditions. A.N. Zaitsev. Elektrokhim. 2 no. 4, 387-388 Ap '66.

pH as an indicator of the nature of anomalous content elements in the weathering surface. M.N. Ilyin, M.A. Shurshalina. Kor. vyv. 2, 156-157 '65.

Relationship between the nucleic activity of the pH and the effect of various substances on it. F.I. Khaziev. Nauch. dokl. vuz. shkoly; biol. nauki no. 2, 227 '66.

Study of the interaction between chlorophyllin (a+b) and glycine at various pH values. A.V. Kariakin, L.A. Chmutina. Biokhimiya 31 no. 1, 3-7 Ja-F '66.

HYDROGEN ISOTOPES

Isotope hydrogen exchange between water and formic acid of synthesis from CO and H₂. I.U. B. Krutikov and others. Neftekhim. 5 no. 2, 226-229 Mr-Apr '65.

HYDROGEN PEROXIDE

Catalytic activity of platinum group metals in the decomposition of hydrogen peroxide. N.I. Stroganova and others. Zhur. fiz. khim. 40 no. 2, 475-477 F '65.

HYDROGEN PEROXIDE (Continued)

Mechanism of stabilization of hydrogen peroxide by sodium silicate during bleaching. I. Kh. Raskina, F. I. Sadov, G. A. Bogdanov. *Zhur. prikl. khim.* 39 no. 1:35-39 Ja '66.

HYDROGEN SULFIDE

Adsorption of hydrogen sulfide on zeolites. S. A. Levina, N. F. Ermolenko, N. I. Plushchevskii, Vestn AN BSSR Ser. khim. nav. no. 4:66-68 '65.

Equilibrium in the system $AlBr_3 - H_2S$ - toluene. A. M. Shevchuk, B. V. Tsafecov, Vestn AN BSSR Ser. khim. nav. no. 4:10-16 '65.

Experience in removing hydrogen sulfide from flush fluids. E. A. Akimolshin, *Buionik* no. 3:21-22 '60.

The KPI_1 , a new corrosion inhibitor for hydrogen sulfide media. V. F. Nagiev, I. A. Mamedov, S. A. Mamedov, *Gaz. delo* no. 4:26-28 '66.

Oxidation of hydrogen sulfide by blood and its analogs. S. P. Korochanskaya, *Farm. i toki*, 28 no. 1:100-102 Ji-Ag '65.

HYDROGEN SULFIDE—PHYSIOLOGICAL EFFECT

Changes in the electroencephalogram during and following the course of carbon dioxide and hydrogen sulfide baths in various functional states. T. I. Afonina, *Vop. kur., fizioter., i lech. fiz. kul't.* 31 no. 1:32-37 '66.

Influence of acetylcholine on diuresis in dogs under the effect of hydrogen sulfide baths. E. G. Kopteva, *Vop. kur., fizioter., i lech. fiz. kul't.* 31 no. 1:25-28 '66.

HYDROGEN SULFIDE—THERAPEUTIC USE

Effect of hydrogen sulfide baths on the content of catecholamines in tissues and endocrine glands in experimental atherosclerosis. S. Kh. Kubil, *Vop. kur., fizioter., i lech. fiz. kul't.* 31 no. 1:28-32 '66.

HYDROGEN SULFIDE—TOXICOLOGY

Indicators of hydrogen sulfide poisoning following its penetration into the organism through the skin. N. M. Petrun, *Farm. i toki*, 28 no. 1:486-490 Ji-Ag '65.

HYDROGENATION

Analysis of aluminum alkyls as a source of nickel catalysts in hydrogenation and dehydrogenation reactions. A. V. Kikvidze, *Trudy Inst. khim. AN Gruz. SSR* 17:239-240 '64.

Conversions of aromatic bicyclic hydrocarbons in the process of destructive hydrogenation. T. A. Bagdanova, T. V. Lipovich, I. V. Kudachits, *Neftekhimika* 6 no. 1:27-34 Ja-F '66.

Free iminoxy radicals in the hydrogenated pyridine series. E. G. Rozantsev, L. A. Kislitskaya, M. B. Neiman, *Izv. AN SSSR Ser. khim.* no. 4:675-679 '66.

Hydrogenation of acetylene on a platinum catalyst. M. A. Karyshev, *Trudy AZVI* 13:265-266 '64.

Hydrogenation of biphynyl and vinylacetylene on a nickel-kieselguhr catalyst. N. L. Sanina, P. S. Kogan, S. N. Kazanovskii, *Neftekhimika* 6 no. 1:13-21 Ja-F '66.

Hydrogenation of nitrogen oxides on a manganese catalyst. M. G. Chikhobinshvili, V. T. Chuganov, *Soob. AN Gruz. SSR* 11 no. 3:501-506 Mi '66.

Intensification of liquid-phase catalytic hydrogenation in apparatus with mechanical mixing. N. E. Vlashevskii and others, *Mash. -zhi. prom.* 32 no. 3:17-20 Mr '66.

One-stage hydrogenation of phenol and acetone by-products. A. B. Vol'povskii, M. N. Zhurav, A. D. Boicent, *Neftepr. i neftekhim.* no. 10:37-39 '65.

Physicochemical studies of catalysts for homogeneous catalytic hydrogenation. Part 4. V. A. Tolupov, A. G. Kapyshev, V. L. Postylakov, *Zhur. fiz. khim.* 40 no. 4:850-861 Ap '66.

Thermodynamic equilibrium of the hydrogenation of crotonaldehyde to butanol. N. A. Rozenberg, I. U. A. Gorin, *Zhur. prikl. khim.* 38 no. 2:461-463 F '65.

HYDROGENOLYSIS

Certain aspects of the kinetics of hydrogenolysis of cyclopentane hydrocarbons on platinumized carbon. Report No. 2. Hydrogenolysis of sterically hindered 1,2-dimethylcyclopentane and isopropylcyclopentane. B. A. Kazanskii and others, *Izv. AN SSSR Ser. khim.* no. 4:508-502 '66.

Nickel catalyst on activated gummi in the hydrogenolysis of cyclopentane and methylcyclopentane. E. M. Benashvili, Kh. I. Aveshildze, *Trudy Inst. khim. AN Gruz. SSR* 17:217-224 '61.

HYDROGRAPHIC SURVEYING see subdivision under Aral Sea; Syr Darya

HYDROLOGY

(see also subdivision under Alakol' Lakes)

Grainskii, M. N. [Engineering hydrology and hydrometry] *Inzhenernaya gidrologiya i gidrometriya*. Moskva, Vysshaya shkola, 1966. 214 p.

HYDROLYSIS

Automation of the control of hydrolysis processes. V. S. Kochetov, *Gidroliz i lesokhim. prom.* 19 no. 3:24 '66.

Changes in the enzymatic adaptations of the gastric glands during the action of products of protein hydrolysis on the mucosa of the small intestine. B. I. Sabas, *Biol. eksp. biol. i med.* 61 no. 2:17-21 F '66.

Comparative study of the hydrolytic stability of a phosphamide bond in adenylyl-(5'→N)-amino acids and peptides. T. S. Rikova, Z. A. Shabarova, *Vestn. Mosk. univ. Ser. 2 khim.* 21 no. 1:114-117 Ja-F '66.

Condensation of furfural vapor in plate heat exchangers. L. L. Tovar'yanetski, A. R. Iastrebenetski, L. M. Kovalevko, *Gidroliz i lesokhim. prom.* 19 no. 3:10-12 '66.

Degradation of hydrolysis of polyacrylamide. U. L. Skalkikhin, I. U. Kravchuk, N. N. Bulgatski, *Ukr. khim. zhur.* 32 no. 3:297-301 '66.

Effect of inhibitors and activators on the kinetics of sodium phenyl phosphate hydrolysis by alkaline phosphatase. A. P. Breskin, L. V. Dubovskaya, *Biokhimiya* 31 no. 1:63-70 Ja-F '66.

Effect of stabilizing substances on the synthesis of polyimide acids and their hydrolytic stability. S. A. Zakoshchikov, G. M. Zubareva, G. M. Zolotareva, *Plast. massy* no. 4:9-11 '66.

Enzymatic hydrolysis of denatured hog pepsin by trypsin. V. M. Stepanov, R. A. Matveeva, *Khim. prirod. soed.* no. 2:128-132 '65.

Existence of free radicals in enzymatic hydrolysis of adenosine triphosphate (ATP). O. N. Bizhevskaya, L. P. Katushin, O. S. Nedelina, *Biofizika* 11 no. 2:213-216 '66.

Kinetics of the advanced-stage hydrolysis of cellulose acetate. G. A. Petropavlovskii, G. Rakhmanbekiev, *Zhur. prikl. khim.* 39 no. 1:237-240 Ja '66.

Let's put into practice the resolutions of the 23d Congress of the Party. *Gidroliz i lesokhim. prom.* 19 no. 3:1-2 '66.

Maximum possible industrial yield of alcohol from hydrolyzates. M. K. Raitsev, *Gidroliz i lesokhim. prom.* 19 no. 3:5-7 '66.

Oligonucleotides of guanylyl ribonuclease hydrolyzate of valine transfer RNA in yeast. L. L. and others, *Biokhimiya* 31 no. 1:117-124 Ja-F '66.

Polysaccharides of corn cobs. G. I. Olukhova, V. I. Sharikov, *Izv. vuz. ucheb. zav. i shk. i tekhn.* no. 2:42-47 '66.

Preparation and hydrolysis of methyl (β-chloroethoxy) germanes. G. I. Zueva, V. A. Ponomarenko, *Izv. AN SSSR, Neorg. mat.* 2 no. 3:472-477 Mr '66.

Reactions of antitumor compounds. Part I: Characteristic feature of the hydrolysis of some bifunctional alkylating agents. L. S. Aguzhinskii, A. D. Chirnova, *Zhur. ob. khim.* 36 no. 4:671-674 Ap '66.

Selective properties of carboxylic cation exchangers. Part 2. V. S. Soldatov, M. S. Bespal'ko, *Zhur. fiz. khim.* 40 no. 2:486-489 F '66.

HYDROMETALLURGY

Cobalt precipitation by potassium xanthate with a high iron content in the solution. A. L. Zagladskii, O. M. Vlasov, *Izv. AN SSSR, Met.* no. 2:40-43 Mr-Ap '66.

Purification of sodium stannate solutions in the leaching of melts from the alkali refining of lead. I. U. P. Fedorov, N. S. Krysenko, *TSvet. met.* 39 no. 4:39-41 Ap '66.

HYDROMETEOROLOGY

(see also subdivision under Azerbaijan; Caspian Sea; Crimea)

Study of radiation processes in aqueous media applicable to some problems of hydrometeorology and the dosimetry of nuclear radiation. M. T. Dmitriev, *Trudy NIIMF* no. 13:63-70 '63.

HYDRONEPHROSIS

Remote results of conservative surgery in hydronephrosis. V. D. Babukhadia, *Soob. AN Gruz. SSR* 41 no. 3:747-754 Mi '66.

HYDROPEROXIDES

Analysis of products of thermal decomposition of isopropylbenzene hydroperoxide by means of infrared spectroscopy. I. I. Shabalina, V. A. Simanov, *Neftekhimika* 5 no. 2:251-255 Mr-Ap '65.

Formation of radicals by the reaction of hydroperoxide with pyridine. N. V. Zolotareva, E. T. Denilov, *Izv. AN SSSR Ser. khim.* no. 1:767-768 '66.

Kinetics of the thermal decomposition of technical isopropylbenzene hydroperoxide. I. I. Shabalina, V. A. Simanov, *Neftekhimika* 5 no. 2:246-250 Mr-Ap '65.

Method for evaluating the efficiency of antioxidants by the rate of hydroperoxide decomposition in their presence. K. B. Plotovskii, N. G. Gurova, *Kauch. i rez.* 24 no. 3:23-26 Mr '65.

Synthesis of di (tert-alkylperoxy) alkanes. Z. F. Nazarova and others, *Zhur. org. khim.* 2 no. 2:259-261 F '66.

HYDROPEROXIDES—SPECTRA

Infrared spectra of polyarylethyl hydroperoxides. A. E. Chuchin, G. S. Kolesnikov, *Vysokom. soed.* 8 no. 3:431-435 Mr '66.

HYDROQUONE

Colorimetric determination of small quantities of hydroquinone in solutions and waste waters. I. U. Lur'ko, Z. V. Nikolaeva, *Zav. lab.* 31 no. 7:802-803 '65.

HYDROTHERAPY

Some current problems connected with the study of the function of adrenal glands in balneophysiotherapy. A. I. A. Kieimer, *Vop. kur., fizioter., i lech. fiz. kul't.* 30 no. 2:176-179 Mr-Ap '65.

HYDROXIDES

Vanadium sorption from aluminate solution by some hydroxides. A. P. Iatsenko, S. P. Iatsenko, *Zhur. prikl. khim.* 39 no. 1:15-19 Ja '66.

HYDROXYL GROUP

Activity of weak bases during the exchange of the sulfo group by a hydroxyl. M. I. Iliukovich, *Zhur. prikl. khim.* 38 no. 2:383-388 F '65.

Reaction of hydroxyl radicals with substituted 1,2-epoxides. G. A. Razuvaev, V. S. Etkin, E. P. Morozova, *Zhur. org. khim.* 2 no. 2:256-258 F '66.

HYDROXYL ION

Hydrogen behavior in slags from steel smelting processes; effect of hydrogen on certain slag properties. F. E. Zolotarev, V. I. Ivoloski, *Sboi. Inst. stali i sploy* no. 41:3-15 '66.

HYDROXYLAMINE

Hydroxylamine derivatives. I. U. V. Markova and others, *Zhur. org. khim.* 2 no. 2:239-248 F '66.

Some characteristics of light-induced oxidation of hydroxylamine in a chloroplast suspension. S. G. Vakhinova and others, *Fiziol. i med.* 13 no. 2:208-215 Mi-Ap '65.

HYDROXYLAPATITE

Use of hydroxylapatite for rapid removal of indicator dyes from culture media. S. A. Kibardin, T. A. Nikolaeva, *Vop. vius* 11 no. 1:103-104 Ja-F '66.

HYGIENE

Sokolov, I. S., and I. A. N. Trakhtman, [Sanitary education] *Sanit. i med. prosveshchenie*, 12.4., dop. i spr. Moskva, Meditsina, 1966. 103 p. (DNLM)

HYGROMETERS

Graduation of hygrometers for petroleum-water emulsions. I. U. Klingman, *Zav. lab.* 31 no. 7:890 '65.

Small-size integrating electric hygrometer. E. A. Kochetkova, *Zov. lab.* 31 no. 7:890-891 '65.

The type EB-2M electronic hygrometer. V. I. Ermakov, *Zav. lab.* 31 no. 7:889-890 '65.

HYPERGLYCEMIA

Hyperglycemic coma in acute pancreatitis. V. M. Lashchaykov, *Prikl. endok. i gorm.* 12 no. 2:23-25 Mi-Ap '66.

HYPERONS—SCATTERING

Elastic scattering of hyperons with a mean momentum of 2.7 Gev./c on protons. V. F. Vlashevskii and others, *Idd. fiz.* 3 no. 4:697-702 Ap '66.

HYPERSONIC AERODYNAMICS see Aerodynamics, Hypersonic

HYPERSENSITIVITY see Anaphylaxis

HYPERTENSION

(see also subdivision under China)

Balneotherapy at Yessentuki and Pyatigorsk in hypertension combined with some other diseases. T. A. Guskova and others, *Vop. kur., fizioter., i lech. fiz. kul't.* 31 no. 1:56-60 '66.

Comfort range during the stay of patients with atherosclerosis and hypertension on the beach. V. A. Zarubin, *Vop. kur., fizioter., i lech. fiz. kul't.* 30 no. 2:111-114 Mi-Ap '65.

Effect of apochlorine on the course of experimental hypertension. Kh. U. Alliev, I. K. Kamitov, U. B. Zakirov, *Uzb. biol. zhur.* 10 no. 1:39-40 '66.

Functional changes in the vessels and in peripheral blood following experimental increase of the vascular tone. M. P. Sirotina, *Fiziol. zhur. [Ukr.]* 12 no. 2:200-217 '66.

Histological and histochemical changes in the exocrine tissue of the pancreas in atherosclerosis and hypertension. S. A. Stepanov, *Arkh. pat.* 28 no. 2:24-27 '66.

Influence of the climatic change and time zone on the effectiveness of sanatorium and health resort treatment of hypertension. V. A. Kozlov, B. A. Zaitkov, *Nek. vop. kilm. i kraev. pat.* no. 4:20-22 '65.

Pathogenesis of hypertension in correlation of the aorta. A. A. Andriukin, *Sov. med.* 29 no. 3:11-14 Mr '66.

Role of intraduodenal hypertension in the development of pancreatitis. K. D. Toskin and others, *Pat. fiziol. i eksp. terap.* 10 no. 1:10-14 Ja-F '66.

Volynskii, Z. M., and V. S. Solov'eva, [Hypertension in young persons; initial phases] *Gipertonicheskaia bolezn' u molodykh ljudi; nuchal'nye fazy*. [Leningrad] Meditsina, 1965. 250 p. (DNLM)

HYPERTENSION—PREVENTION

Experience in the prevention of hypertension in a rural medical district. L. E. Mikhno, *Sov. med.* 29 no. 4:108-107 Ap '66.

- Dystrophic bullistocardographic examinations of patients with chronic gutter in various stages of thyrotoxicosis. A. P. Korotkova. *Nek. vop. klin. i krav. pat.* no. 4 67-69 '65.
- Effect of acetylmurine on the processes of oxidative phosphorylation of cardiac mitochondria of hyperthyroid animals. B. I. Ruzh. *Probl. endokrinol.* 12 no. 2 105-111 Mr-Apr '66.
- Gorky, G. I. *Uchenye zapiski instituta* [Some mechanisms of the central disorders in thyrotoxicosis, material for discussions at the 8th scientific conference of the Gorky Medical Institute on problems of neuroendocrine pathology]. *Uchenye zapiski instituta* [Gorky]. VIII nauchno-dokladyatskiy konferentsiya meditsinskogo i biologicheskogo fakultetov Gorkovskogo meditsinskogo universiteta. Gorky, 1965. 15 p. (DNLN).
- Some data on the treatment of thyrotoxicosis in polyclinical. E. A. Merkulova. *Nek. vop. klin. i krav. pat.* no. 4 66-67 '65.
- Variations in the course and conservative treatment of thyrotoxic gutter. R. Z. Dobrin, S. L. Epshteyn. *Nek. vop. klin. i krav. pat.* no. 4 63-65 '65.
- HYPOTICS**
- Effect of optical isomers of some aminoalkyl esters of dihalogenated acetic and glycolic acids on the hypotonic action of 0.9% and chloral hydrate in white mice. I. P. Zaitseva. *Farm. i toks.* 28 no. 2 114-117 Mr-Apr '65.
- HYPOTICEMIA**
- Hypotensive effect of reserpine. R. M. Fastovskaya. *Probl. endokrinol.* 12 no. 2 36-39 Mr-Apr '66.
- Pathogenesis of the effect of reserpine on the cardiovascular system. V. Ia. Legchayev. *Farm. i toks.* 28 no. 2 170-172 Mr-Apr '65.
- HYPOTHALAMUS**
- Changes in the hypothalamic nuclei during the development of obesity. S. I. Babayan. *Bull. eksp. biol. i med.* 61 no. 2 102-105 F '66.
- Hypothalamic regulation of the content of catecholamines in the cerebral cortex. N. N. Leonova. *Fiziol. zhur [USSR]* 12 no. 2 152-157 '66.
- HYPOTHALAMUS—DISEASES**
- Pathogenesis and clinical aspects of lesions of the hypothalamus. O. F. Mafarchenko and others. *Fiziol. zhur [USSR]* 12 no. 2 155-161 '66.
- HYPOTHERMIA**
- Protective function of the spleen in nonmediated hypothermia. V. A. Bernadkin. *Bull. eksp. biol. i med.* 61 no. 2 106-107 F '66.
- Effect of repeated irritation of the sympathetic chain on the vasoconstrictor receptors in the vessels of extremities under hypothermia. L. M. Rodionov. *Vest. Mosk. univ.* 6 Biol. pochy. 21 no. 17-18 Ja-F '66.
- Experimental infarct of the myocardium in complex hypothermia in dogs. L. V. Shafranski. *Vest. Mosk. univ.* 6 Ser. biolog. 21 no. 19-20 '66.
- Natural reversible hypothermia in birds. I. A. Shilov. *Vest. Mosk. univ.* 6 Biol. pochy. 21 no. 12-31 Ja-F '66.
- Pathogenesis and experimental therapy of acute hemorrhage under conditions of hypothermia. A. N. Leonov. *Vop. travn.* no. 2 195-201 '65.
- Some data on the study of typological reactivity in healthy and wounded animals during a moderate artificial hypothermia. Sh. N. Sharipov. *Uch. zap. KVI* 93:185-193 '64.
- Use of thermoelectric batteries for the objective control of the temperature reaction in animals during artificial hypothermia. Sh. N. Sharipov. *Uch. zap. KVI* 93:179-184 '64.
- HYPOTHYROIDISM**
- Some data on changes in energy metabolism in experimental hypothyroidism. G. I. Medvedeva. *Probl. endokrinol.* 12 no. 2 94-97 Mr-Apr '66.
- IANUS, RUDOLF IVANOVICH, 1903-1966**
- Rudolf Ivanovich Ianus, an obituary. *Fiz. mel. i metal.oved.* 21 no. 3 481 Mr '66.
- IASHIN, ALEKSANDR IAKOVLEVICH, 1913-**
- Maturity. N. Kalitina. *Nov. mir* 42 no. 2:251-253 F '66.
- IATSMIRSKII, KONSTANTIN BORISOVICH, 1916-**
- Konstantin Borisovich Iatmsirskii; on his fiftieth birthday. *Uch. zap. KVI* 92 no. 3:309-310 '66.
- ICE**
- Study of the processes of ice formation and measures for preventing the harmful effect of ice coatings on small bridges and culverts. D. M. Merkulov. *Trudy TSNIS* no. 58 88-108 '66.
- ICE-BREAKING VESSELS**
- Reducing current transients of the electric propulsion systems of ice breakers during the jamming of the propeller. P. A. Kuropatkin. *Sud. i st. ust.* no. 3 58-69 '64.
- ICE CREAM, ICES, ETC**
- Manufacture of ice cream by the freezing of prehydrated milk. I. U. A. Olenov, V. N. Petunina. *Khol. tekhn.* 43 no. 4:42-44 Ap '66.
- New types of ice cream. G. M. Dozent. *Khol. tekhn.* 43 no. 4 51-53 Ap '66.
- ICE CREAM, ICES, ETC.—CONTAINERS**
- New developments in the manufacture of paper cups. L. M. Nersisov. *Khol. tekhn.* 43 no. 4:14 Ap '66.
- ICE CREAM INDUSTRY**
- Ice-cream sales are growing. G. Iastrebov. *Sov. i tekh. khoz.* 10 no. 4:23 Ap '66.
- ICE CREAM INDUSTRY—EQUIPMENT AND SUPPLIES**
- New high-quality semiprocessed fruit and berry products for ice cream manufacture. M. M. Myskin and others. *Khol. tekhn.* 43 no. 4:12-13 Ap '66.
- Technical progress in the manufacture of ice cream. V. P. Ljubimov, V. A. Solov'ev, A. G. Burmakina. *Khol. tekhn.* 43 no. 4:3-7 Ap '66.
- ICE CREAM INDUSTRY—EXHIBITIONS**
- Progressive equipment and technology of ice cream manufacture. T. Shutor, T. Kochetova. *Inform. biul. VDNKH* no. 3:7-8 Mr '66.
- Special item exhibition on "New developments in the technology of ice cream manufacture." T. I. Shutor, T. P. Kochetova. *Khol. tekhn.* 43 no. 4:50-51 Ap '66.
- ICE CREAM INDUSTRY—MANAGEMENT**
- Potentials for the utilization of the production capacity of ice cream factories and shops. M. M. Pozin. *Khol. tekhn.* 43 no. 4:8-12 Ap '66.
- ICE CREAM INDUSTRY—PRODUCTION STANDARDS**
- New norms for raw material consumption in the manufacture of ice cream. I. U. A. Olenov, V. N. Petunina. *Khol. tekhn.* 43 no. 4:61-62 Ap '66.
- New norms for the consumption of auxiliary materials and chemicals in ice cream manufacture. R. M. Kazayev. *Khol. tekhn.* 43 no. 4:53 Ap '66.
- ICE ON RIVERS, LAKES, ETC**
- (see also subdivision "Ice" under "Alakol" Lakes)
- Foam ice. I. V. Plitsky. *Priroda* 65 no. 4 126 '66.
- ICELAND SPAR**
- Characteristics of the symmetry of some twins of the Iceland spar growth. A. V. Shustov. *Zap. Vses. min. obva.* 94 no. 3:344-347 '65.
- ICHNEUMON FLIES** see subdivision under Georgia
- ICHTHYOL**
- Effect of intravenous injection of ichthyol on the blood coagulation factors in animals. A. S. Kashin. *Uch. zap. KVI* 92 190-204 '64.
- IDENTIFICATION**
- Tsvetkov, P. P., and V. P. Petrov. [Identification of a person from his photograph]. *Identifikatsiya lichnosti po fotosnimkam.* [Leningrad] Izd-vo Leningr. univ., 1966. 33 p. (V pomoshch' studentam vchevnikh i zaochnykh vuzov)
- IGNEOUS ROCKS** see Rocks, Igneous
- ILEUM—CANCER**
- Case of a hemorrhagic angiosarcoma of the ileum. D. D. Zakirzhaev, I. G. Gurbanaliev. *Azeib. med. zhur* 42 no. 12 52-54 D '65.
- ILIAC ARTERY—FOREIGN BODIES**
- Embolism of the iliac artery caused by a foreign body. I. V. Rutman, V. A. Khmel'skii, V. A. Kuznetsova. *Khirurg. il.* 42 no. 4 120-121 Ap '66.
- ILLUMINATION OF BOOKS AND MANUSCRIPTS**
- Selecting illustrations for and using them in studies on the history of Ukrainian cities and villages. II. P. Kryvdin. *Ukr. ist. zhur.* 10 no. 4:121-122 Ap '66.
- ILLUSTRATION OF BOOKS**
- New illustrations for Russian classics. I. U. Pimenov. *Nov. mir* 42 no. 2:201-205 F '66.
- ILMENITE** see subdivision under West Siberian Plims
- IMAGE CONVERTERS**
- Designing of electroluminescent indicator devices for image converters. V. A. Kyslov and others. *Izv. Vses. SSSR. Ser. fiz.* 40 no. 1:20-27 Ap '66.
- IMIDAZOLE**
- Study of the effect of acetylimidazole on pepsin. I. A. Lokshina, V. N. Orlovich. *Biofizika* 31 no. 2 113-150 Ja-F '66.
- IMIDAZOLE—PHYSIOLOGICAL EFFECT**
- Effect of imidazole on the biosynthesis of acetylcholine in the diaphragm in rabbits. I. A. Popova. *Vop. travn.* 12 no. 2:199-204 Mr-Apr '66.
- IMIDAZOLEETHANOL—THERAPEUTIC USE**
- Experimental study of the chemotherapeutic activity of metomidazole. P. N. Ismailov, N. A. Novikova, G. P. Pershin. *Tram. i tekhn.* 28 no. 3:231-236 Mr-Apr '66.
- IMIDAZOLEETHANOL—PHYSIOLOGICAL EFFECT**
- Effect of metomidazole on the processes of oxidative phosphorylation in cardiac mitochondria of hyperthyroid animals. Racho Ruzh. *Probl. endokrinol.* 12 no. 2 105-111 Mr-Apr '66.
- IMIDES**
- Formation and stability of amide and imide bonds. I. A. Sheremetyeva, V. A. Gudnikova. *Izv. AN SSSR. Ser. fiz. i khim.* 42 no. 1:695-700 '66.
- IMITATION**
- Group behavior and the role of imitation factors in the formation by fish. V. V. Gerasimov. *Vop. travn.* 12 no. 2:202-202 '66.
- IMMUNITY**
- Effect of colimycin on the microflora sensitivity to the protective factors of the macro-organism. V. R. Golov'ev, E. M. Sokolova. *Antibiotiki* 10 no. 1:667-671 Ap '65.
- Effect of macle and live measles vaccine on diptheria immunity. N. V. Dumkina. *Trudy Len. in. i. spets. mikrobiol.* 28 257-260 '65.
- Effect of taxonomy on some protective mechanisms of the macro-organism. S. P. Slapovalova, N. S. Pashchenko. *Antibiotiki* 11 no. 2:118-121 '66.
- Experimental materials on the role of the protective factors in the infection and immunity phenomena. Kh. I. Chel'bin, K. A. Pozdeev, A. V. Zakhvatova. *Uch. zap. KVI* 93 83-89 '66.
- Quantitative and qualitative study of the virus of myxomatosis. L. L. Prigodina, A. A. Stukovskaya. *Vop. travn.* 10 no. 1:66-71 '64.
- Smirnov, B. N. [Antibiotic therapy and immunity in paratyphoid infection]. *Antibiotiko-terapiya i immunitet pri paratifoiznoi infektsii.* [Leningrad] Meditsina, 1966. 126 p. (Biblioteka prakticheskogo vracha) (DNLN)
- State of the recipient and of the human microflora at the extremity of a dog under inhibition of the transpiration immunity by 6-methylcaptopril. N. A. Babitskaya. *Pat. fiziol. i ekol. travn.* 10 no. 1:13-16 Ja-F '66.
- Time of the appearance of immunity to measles killer. On the introduction of live measles vaccine. N. D. Belykh. *Trudy Len. in. i. spets. mikrobiol.* 28 155-160 '65.
- IMMUNELECTROPHORESIS**
- Electrophoretic and immunoelectrophoretic study of the protein composition of the intestinal juice in dogs. G. I. Ibragimov. *Bull. eksp. biol. i med.* 61 no. 3:39-41 '66.
- Immunological properties of protein fractions of the blood serum in diseases of the kidneys. L. K. Staroseltseva. *Vop. med. khim.* 12 no. 2:141-146 Mr-Apr '66.
- Simple method of immunoelectrophoresis in gel. G. G. Nifiev. *Uch. zap. KVI* 90:127-128 '64.
- IMPACT**
- Measurement of the initial impact velocity. S. I. Rebutin, L. D. Sokolov. *Zav. lab.* 32 no. 3:363-364 '60.
- IMPERIALISM**
- (see also subdivision under Germany)
- Bol'mova, Z. N. [Methodical advice for the study of V. I. Lenin's work "Imperialism as a higher stage of capitalism" for students of the Higher Correspondence Party School of the Central Committee of the Communist Party of the Soviet Union]. *Metodicheskie sovety k izucheniyu raboty V. I. Lenina "Imperializm kak vysshaya stadiya kapitalizma" dlia slushatelei Zaochnoi vysshej partinnoi shkoly pri TsK KPSS.* Moskva, Mya, 1966. 30 p.
- IMPRESSIONISM (ART)**
- Notes on the artistic life in Paris. N. I. Lavorskaya. *Iskusstvo* 29 no. 2:49-56 '66.

INCENTIVES IN AGRICULTURE see subdivision under Germany, East

INCENTIVES IN INDUSTRY

Concept of the moral incentives for labor. V. P. Sutsenko. Vest. LGU 21 no. 5:17-53 '66
Contributions in socialist economics. V. I. Mal'nev, Nauch. dokl. vys. shkoly, filos. nauk 9 no. 2:90-97 '66
Economic incentives for increasing the efficiency of the use of equipment. S. E. Kamenitsky. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:33-36 '66
For the common profit, remarks on material incentives. P. Volin. Nov. mir 42 no. 2:205-216 F '66.

Gilevskii, N. V. [Economic incentive funds of enterprises] Fondy ekonomicheskogo stimulirovaniya predpriyatiy. Moskva, Finansy, 1966. 54 p. (Finansy promyshlennosti)

How the enemies of socialism misinterpret the role of the material encouragement of labor in the U.S.S.R. G. Borisov. Sois. trud 11 no. 4:19-25 Ap '66.

Incentives for introducing new machinery. Stroil. arkhiv, Uzb. 7 no. 2:19-51 F '66.

Material and moral incentives for labor. IU. Pak. Sov. prisoizory 22 no. 8:14-16 Ap '66.

Methodological instructions on converting individual industrial enterprises to the new system of planning and economic stimulation in 1966. Naukhoz. Kazakh. 21 no. 3:85-96 M '66

New developments in bonus payments for fuel and electric power economy. Zhel. dor. transp. 18 no. 4:83-84 Ap '66.

New system of planning and economic incentives in non-ferrous metallurgy. G. D. Kuznetsov. TSvet. mel. 30 no. 4:3-8 Ap '66.

On profit, profitable production and material self-interest. G. Pestov. Part. zhizn' no. 9:36-39 My '66.

On the eve of the introduction of new work methods. K. P. Mil'nev. Gidrotiz i tekhn. prom. 19 no. 3:26-27 '66

Planning and material incentives at the "Pechet" plant. A. K. Duev, I. A. Birlukov. TSvet. mel. 30 no. 3:12-13 M '66.

Reducing the working thickness and depletion by economic incentives to miners. D. R. Rinchino and others. Gori. zhur. no. 4:35-37 Ap '66

Utilization of capital assets in a division. D. I. Piven'shteyn. Zhel. dor. transp. 18 no. 4:70-72 Ap '66.

INCOME

(see also subdivision under Kazakhstan; Mongolia)
National income of the U.S.S.R. during the new five-year plan. A. Nofkin. Kommunist 43 no. 6:54-63 Ap '66.

INCOME—STATISTICS

Use of the national income of the U.S.S.R. for consumption and accumulation. Vest. stat. no. 4:56 '66.

INCOMPATIBILITIES (PHARMACY)

Compatibility of medicinal substances in tablets. L. A. Andreeva, A. S. Katsai, L. N. Chyrtinkova. Farmatsiev. zhur. 10 no. 3:9-13 '64.

Preparation of tablets containing chemically incompatible medicinal substances. IU. B. Borysenko, R. M. Safiulin, S. A. Nosovitska. Farmatsiev. zhur. 20 no. 2:14-47 '65.

INDANDIONE

Some substituted 2-aryl-1,3-indandiones. L. P. Zalukaev, V. V. Moiseev. Zhur. org. khim. 2 no. 2:282-294 F '66.

INDANTHRONE

Study of streptothricins. Part 7: Determination of ninhydrin positive fragments of streptothricin antibiotics. P. D. Reshetov, Ts. A. Egorov, A. S. Khokhlov. Khim. prib. anal. no. 2:117-122 '65

INDEX NUMBERS (ECONOMICS) see subdivision under Communist countries

INDEXING

Subject Index to the captions in the abstracting journal of the All-Union Institute of Scientific and Technical Information. M. G. Voger. NTI no. 3:32-33 '66.
Subject indexes to the abstracting journal of the All-Union Institute of Scientific and Technical Information. A. I. Zhelkova. NTI no. 9:30-31 '66.

INDIA—GEOLOGY, STRUCTURAL

Some characteristics of the tectonics of Mesozoic and Cenozoic fold belts in India. D. K. Ray. Geotektonika no. 2:3-14 Mr-Apr '66.

INDIA—INSURANCE, SOCIAL

Two weeks across India. M. Derovnin. Sois. obshch. 41 no. 4:59-63 Ap '66.

INDIA—SOCIAL CLASSES

Telesner, L. I., and G. K. Shirokov. [Modern Indian bourgeoisie] Sovremennaya Indijskaya burzhuanizatsiya. Moskva, Nauka, 1966. 206 p.

INDIA—STEEL INDUSTRY

What Bonn prospectuses say nothing about. T. Khal-murzaev. Ekono. i zhizn' 8 no. 3:86-87 Mr '66.

INDIA—TECHNICAL ASSISTANCE, WEST GERMAN

What Bonn prospectuses say nothing about. T. Khal-murzaev. Ekono. i zhizn' 8 no. 3:86-87 Mr '66.

INDIA—TEXTILE INDUSTRY

The textile goods market of India. P. Fedorov. Sov. torg. 39 no. 1:50-56 Ja '66.

INDIUM—ANALYSIS

Complexometric determination of indium in magnesium alloys. R. S. Volodarskaya, N. A. Kanayev, G. N. Derevianko. Zav. lab. 32 no. 4:413 '66

Pyridylazo compounds as reagents for indium. Report No. 2. Complexometric and photometric determination of indium with pyridylazo compounds. S. I. Gusev, E. M. Nikolayeva. Zhur. anal. khim. 21 no. 3:281-288 '66

INDIUM ANTIMONIDE CRYSTALS—TESTING

Electrolytic cutting of indium antimonide single crystals. A. S. Vagovskii, V. V. Isaev, V. V. Ostroumov. Zav. lab. 31 no. 7:829 '65

INDIUM ANTIMONIDES

Electromagnetic luminescence in InSb. V. I. Ivanov-Omskiy, B. T. Kolomoets, V. A. Smirnov. Pis'ma v zhur. eksp. i teoret. fiz. 3 no. 7:287-291 Ap '66

INDIUM ANTIMONIDES—ELECTRIC PROPERTIES

Studying electron transfer and diffusion in the system indium - antimony. IU. P. Kononov, I. A. Magidson. Shor. nat. stat. i splav. no. 11:280-302 '66

INDIUM-ANTIMONY-TELLURIUM ALLOYS

Phase analysis of semiconducting alloys using the electric spark method of local sampling. I. S. Kopanskaya and others. Zav. lab. 32 no. 4:391-393 '66.

INDIUM ARSENIDES

Relation between mobility and concentrations of carriers in indium arsenide. F. F. Khachatryan and others. Izv. AN SSSR. Neorg. mat. 2 no. 3:461-463 Mr '66.

INDIUM COMPOUNDS

Spectrophotometric study of the complex formation of indium (III) with diethylenetriamineacetic acid. N. M. Zhihnova, K. V. Astakhov, S. A. Bakov. Zhur. fiz. khim. 40 no. 2:117-121 F '66

INDIUM SELENIDES

Determination of the dimensions of the cell and space group. Lysag. A. A. Eliseev, T. N. Guller, I. P. Korotkova. Izv. AN SSSR. Neorg. mat. 2 no. 3:574 M '66.

INDO-ARYAN LANGUAGES, MODERN—GRAMMAR, COMPARATIVE

Phrases of necessity in the eastern group of the Indo-Aryan languages. B. M. Kapushkin. Krat. soob. Inst. nar. Az. no. 62:111-155 '64.

INDOLE

Specificity of the trioxindole method of determining catecholamines. E. Sh. Matlina, I. E. Softova. Vop. med. khim. 11 no. 3:85-90 My-Je '65.

INDOLE—PHYSIOLOGICAL EFFECT

Effect of indolan on the conditioned reflex activity in rabbits. N. F. Roshchin. Farm. i toks. 28 no. 4:394-398 Ja-Apr '65

Effect of the indolan monoamine oxidase inhibitor on experimental pneumococcal infection in rats. Z. A. Poponenkova, E. V. Guseva. Biol. eksp. biol. i med. 61 no. 2:35-39 F '66

INDOLEACETIC ACID

Distribution of heterocauxin and oriented plasmolysis during photo- and geotropism. P. A. Genkel', IU. A. Urman'tsev, I. V. Bakanova. Fiziol. rast. 13 no. 2:252-264 Mr-Apr '66.

INDONESIA—ETHNOLOGY

Ethnic processes in the countries of southern and south-eastern Asia. N. N. Cheboksarov. Sov. etn. no. 2:50-58 Mr-Apr '66.

INDONESIA—HISTORY

Principal phases and motive force of the national liberation war in Java, 1825-1830. P. M. Movchanuk. Vest. LGU 21 no. 8:63-75 '66.

INDUCTION (ELECTRICITY)

Relationship between the induction effect and values of dissociation constants in the gem-dinitro compound series. V. I. Sloviskiy and others. Izv. AN SSSR. Ser. khim. no. 4:655-658 '66.

INDUCTION ELECTRIC MOTORS see Electric motors, Induction

INDUCTION HARDENING

High-frequency hardening of ferrite-pearlite gray cast iron. P. I. Rubin. Metalloved. i obr. met. no. 4:57-59 Ap '66

INDUCTION HEATING

Effect of the preheating of rubber compounds by high-frequency induction heating on the physicochemical properties of vulcanizates. G. P. Pedan. Kauch. i rez. 24 no. 3:26-27 Mr '63

INDUSTRIAL ACCIDENTS see subdivision under Volgograd

INDUSTRIAL ARTS—QUALITY CONTROL

What is the meaning of the "high-quality of production" concept? Tekhn. est. 3 no. 3:1 M '66

INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION

(see also subdivision under Perm Province, Ust-Kamenogorsk)
Achievement of advanced organization of operations. V. Stepanov, I. Muzylin. Nauch. obozr. 7 no. 3:13-14 Mr '66

Tikhomirov, V. A. [Fundamentals of the construction of airplane plants and shops] Osnovy proektirovaniia samoletostroitel'nykh zavodov i tsekhov. Moskva, Mashinostroenie, 1965. 499 p.

Vereshchak, F. P., and L. A. Abolevich. [Handbook for the mechanical engineer, vol. 2: Design of motor-vehicle repair enterprises] Spravochnik inzhenera-mekhanika, tom Proektirovaniie avtomontnykh predpriyatiy. Moskva, Transport, 1966. 333 p. chart (insert)

INDUSTRIAL BUILDINGS—FOUNDATIONS

Precast monolithic foundations for industrial buildings. A. Pinskii. Stroil. arkhiv, Uzb. 7 no. 2:42-43 F '66.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DIAMONDS see Diamonds, Industrial

INDUSTRIAL DISTRICTS

Khokhlov, A. Ia. [Planning organization of urban industrial areas] Planirovaniie organizatsiya gos. i obshch. promyshlennykh tsentrir. Kiev, Budivelnik, 1966. 286 p.

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL ELECTRIC TRUCKS

Trolley lines for electric trucks and car pushers. A. Z. Kreizel'. Prom. energ. 21 no. 4:31-32 Ap '66.

INDUSTRIAL ENGINEERING

Level of the best world standards in its dynamics. T. A. Vvedenskii. Mashinostroitel' no. 4:7-8 Ap '66

Speed up the putting into operation of the new plants. N. I. Volosnov. Khib. i kond. prom. 10 no. 4:13-15 Ap '66.

INDUSTRIAL EQUIPMENT

Economic incentives for increasing the efficiency of the use of equipment. S. E. Kamenitsky. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:33-36 '66

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR

A standard method of accounting for capital repairs. N. Ponomarev. Bukh. uch. no. 1:22-25 Ap '66.

INDUSTRIAL EQUIPMENT—TECHNOLOGICAL INNOVATIONS

Economic problems in the renovation of equipment. V. I. Ganshtak, K. F. Olkhov. Vest. mashinost. 46 no. 4:70-80 Ap '66

INDUSTRIAL HYGIENE

(see also subdivision under Kemerovo Province; Lithuania; Leningrad; Orenburg Province; Poland; Zaporozh'ye Province)

According to Lenin's precepts. Okhr. truda i sots. strakh. 9 no. 4:1-2 Ap '66.

Interesting talk. L. Trojassenia. Okhr. truda i sots. strakh. 9 no. 5:26 My '66.

Let's carry out the resolutions of the party! Okhr. truda i sots. strakh. 9 no. 5:1-2 My '66

Readers continue the discussion. B. Benger, N. Sereida, N. Kostunin. Okhr. truda i sots. strakh. 9 no. 4:19 Ap '66.

INDUSTRIAL HYGIENE—AUDITING AND INSPECTION

Tradition that is growing stronger. IU. Muromskii. Okhr. truda i sots. strakh. 9 no. 5:18 My '66.

INDUSTRIAL HYGIENE—LAWS AND REGULATIONS

Russia (1923— U.S.S.R.). Glavnaia gosudarstvennaia sanitarnaya inspeksiia. [Technical conditions for the methods of determining harmful substances in the air] Tekhnicheskie uslovia na metody opredeleniia vrednykh veshchestv v vozdukh. Moskva, Meditsina. No. 4. 1965. 178 p.

INDUSTRIAL LAWS AND LEGISLATION

Application of the legislation on socialist government-owned industrial enterprises. V. F. Vasil'ev. Zhurnal tr. i sp. 18 no. 4 76-80 Ap '66.

Statute on the enterprise and some wage problems. IU, Paiz. Sots.trud 11 no. 4:45-49 Ap '66.

INDUSTRIAL MANAGEMENT

(see also subdivision under Armenia, Crimea, Europe, Eastern, Great Britain, Kazakhstan, Siberia, Ukraine, Ural Mountain region, Uzbekistan, White Russia)

Application of correlation in the analysis and planning for industrial production. A. Frenkel. Trudy INKh no. 15:50-537 '65.

At the source of the scientific organization of labor. An interview with L. A. Fotieva. Sots.trud 11 no. 4:73-77 Ap '66.

"Constructive" work. T. Melit'ska. V mire knig 6 no. 3:21 Mr '66.

For the common profit, remarks on material incentives. P. Vulin. Nov. nlr 42 no. 2:203-216 F '66.

Garciovalski, N. V. [Economic incentive funds of enterprises] Fondy ekonomicheskogo stimulirovaniya predpriyatiy. Moskva, Finansy, 1966. 51 p. (Finansy promyshlennosti)

Improving the standard organization of management and staffing is a matter of great importance. A. Korovkin, B. Stetsuk. Fin. SSSR 40 no. 4:15-19 Ap '66.

Increasing the responsibility of enterprise collectives and the strengthening of business accounting. V. A. Mitrofanov. Uch. zap. kaf. polh. ekon. no. 6:39-54 '65.

Industrial enterprises and long-range plans under the new conditions. V. T. Nikitin. Fern. i spirt. prom. 32 no. 3:4-8 '66.

Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola. [Planning in industrial enterprises] Planirovaniye na promyshlennyykh predpriyatiyakh, uchebnoye posobie. Moskva, Mysl', 1966. 282 p.

Let us introduce a new system of industrial production planning. S. Tumanian. Prom. Arm. 7 no. 4:18-22 Ap '64.

Make provisions for scientific labor organization in plans. V. Vorob'ev. Nar. khoz. Kazakh 24 no. 1:64-65 Ja '66.

Methodological instructions on converting individual industrial enterprises to the new system of planning and economic stimulation in 1966. Nar. khoz. Kazakh. 24 no. 3:85-96 Mr '66.

Methodological instructions on the conversion of individual industrial enterprises to a new system of planning and economic stimulation in 1966. Ekon. i zhizn' 8 no. 3:35-38 Mr '66.

Methods of determining an advantageous combination of the parameters of electrically welded large-diameter pipe for making pipelines. Z. O. Kntazhinskii, L. I. Spivakovskii, V. K. Kolomenskii. Proizv. trub no. 15:120-125 '65.

Objective of the five-year plan. A. N. Kornenkov. Metallurg 11 no. 4:1-2 Ap '66.

On the efficiency of managerial work. M. Kozlov. Trudy INKh no. 35:233-240 '65.

Paskonov, A. A. [The bank and the enterprise] Bank i predpriyatie. Moskva, Znanie, 1966. 38 p. (Novoe v zhizni, nauke, i tekhnike. III Seriya Ekonomika, no. 7)

Practice of preparing for the transition to a new system of planning and economic incentives. Sots.trud 11 no. 4:133-137 Ap '66.

INDUSTRIAL ORGANIZATION

Problem of efficient combining and distribution of chemical plants. N. P. Fedorenko and others. Khim. prom. 42 no. 4:288-290 Ap '66.

INDUSTRIAL ORGANIZATION—CONGRESSES

Problems concerning economic incentives in the technical progress of industry of the U.S.S.R., all-Union scientific session in Moscow. IU, R. Shishlannikov. Vest. AN SSSR 36 no. 3:186-188 Mr '66.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

(see also subdivision under Kazakhstan, Moldavia)

Budunov, N. I., V. I. Vybornov, and L. M. Smysl'ina. [Economic efficiency of the reconstruction of industrial enterprises] Ekonomicheskaya effektivnost' rekonstruktsii promyshlennykh predpriyatiy. Moskva, Stroizdat, 1966. 158 p.

Butsuov, V. P. [Economics and esthetics in technology, from practice in the improvement of the art of production and introduction of industrial esthetics] Ekonomika i estetika v tekhnike, iz opyta povysheniya kul'tury proizvodstva i vnedreniya tekhnicheskoi estetiki. Moskva, 1966. 77 p. (Narodnyi universitet. Tekhniko-ekonomicheskie fakul'tet, no. 4)

Propositions in a branch plan of capital construction. A. Mitrofanov. Plan. khoz. 43 no. 5:51-63 My '66.

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RELATIONS see subdivision under United States

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY

(see also subdivision under Leninakan)

Create safe working conditions for workers in industry. Bezop. truda v prom. 7 no. 11:3-9 N '63.

Motion pictures on industrial safety. Bezop. truda v prom. 7 no. 11:39 N '63.

INDUSTRIAL SAFETY EDUCATION see Safety education, Industrial

INDUSTRIAL STATISTICS

Economic reform and statistics. B. Kolpakov. Kommunist 43 no. 7:68-72 My '66.

Organization of statistical reports under the new conditions of industrial management. A. Butov. Vest. stat. no. 4:10-20 '66.

INDUSTRIAL WASTES

Industrial wastes represent an important source of raw materials for recovering metals in short supply. S. I. Pol'kin, IU, M. Glebov. TSvet. met. 39 no. 4:27-28 Ap '66.

Use industrial wastes efficiently. A. Zheviak. Fin. SSSR 40 no. 4:40-50 Ap '66.

INDUSTRIAL WASTES—PURIFICATION

Alkali liquors as related to biochemical processing of mixed waste waters from petroleum refineries and petrochemical plants. E. G. Ionkims, R. V. Dudnikova, Neftepe. i neftekhim. no. 4:25-27 '66.

Chemisorption of hydrogen sulfide and sulfuric anhydride by weak white liquor in a turbulent apparatus. V. F. Maksimov, V. A. Bushmelov, N. M. Isaeva. Trudy LTITSBP no. 18:80-85 '65.

Complex purification and recovery of gas exhausts and of malodorous waste water from sulfate pulp production. V. F. Maksimov, A. I. Torf. Trudy LTITSBP no. 18:86-91 '65.

Removal of zinc from waste waters. L. D. Skrylev. Zhur. prikl. khim. 39 no. 3:541-550 Mr '66.

Repeated use of waste water in the flux manufacturing industry. IU, A. Khatlovich, V. E. Tarasenko. Vod. i san. tekhn. no. 5:33-35 My '66.

Thermal treatment of the contaminated wastes of paint factories. S. L. Golovaty. Lakokras. mat. i iph. prim. no. 2:71-73 '66.

Use of bacteria for the purification of phenol waste waters of by-product coke plants. E. M. Urovskaia. Koks i khim. no. 3:42-44 '66.

INDUSTRIES, LOCATION OF

(see also subdivision under Uzbekistan)

Concentration of the sphere of consumption. P. N. Orekhovich. Uch. zap. kaf. polh. ekon. no. 6:70-80 '65.

Efficient distribution of industry and problems of the employment of the population. V. Antikov, V. Markov. Sots.trud 11 no. 4:78-88 Ap '66.

INDUSTRY—ABSTRACTS

[Economics of industry] Ref. sbor.: Ekon. prom. no. 4 Ap '66.

INEQUALITIES (MATHEMATICS)

Systems of inequalities with left sides containing convex functions. I. I. Eremin. Izv. AN SSSR. Ser. mat. 30 no. 2:265-278 '66.

INERTIAL NAVIGATION (AERONAUTICS)

Autonomous determination of coordinates. O. F. Bolchuk. Prikl. mekh. 2 no. 1:114-121 '66.

INFANCY OF ANIMALS see Animals, Infancy of

INFANTS—DISEASES

Immunotherapy of staphylococcal diseases in infants. L. B. Balalaian. Zhur. mikrobiol., epid. i immun. 43 no. 3:121-127 Mr '66.

INFANTS—GROWTH see subdivision under Child

INFANTS (NEWBORN)

Carrier state of pathogenic staphylococci in newborn infants and study of toxin formation in isolated cultures. N. V. Kainiteva, M. A. Evdod'eva. Zhur. mikrobiol., epid. i immun. 43 no. 3:89-93 Mr '66.

Copper balance in the organism of newborn glia. B. M. Voloshinov. Vop. pit. 25 no. 2:48-51 Mr-Apr '66.

INFANTS (NEWBORN)—DISEASES

Effect of acanthosis on the fundamental indices of the physical development of newborn infants. N. M. Shann-sadinskaya. Azerb. med. zhur. 12 no. 12:51-58 D '65.

Khaididulina, A. Kh. [Nervous activity of the nursing infant under normal conditions and in acute toxicosis] Nervnaya deyatelnost' grudnogo rebenka v norme i pri ostykh toksikozakh. Moskva, Meditsina, 1966. 235 p. (Biblioteka prakticheskogo vracha) (DNLM)

INFANTS (NEWBORN)—MORTALITY

Barteneva, L. V. [Technique of medicolegal examination of the cadavers of newborn infants, textbook for students of the 5th-6th years] Tekhnika sudbenomeditsinskogo issledovaniya trupov novorozhdennykh; posobie dlya studentov V-VI kursov. Moskva, Pervyi mosk. med. in-t im. I. M. Sechenova, 1966. 25 p.

INFECTION

Experimental materials on the role of the propidium system in the infection and immunity phenomena. Kh. I. Ginzburg, K. A. Pozdeev, A. V. Zinkovskaya. Uch. zap. KVI 100 83-89 '61.

Use of ampicillin in the compound treatment of some infections in children. K. I. Ptsarechik. Sov. med. 20 no. 3:132-137 Mr '66.

INFECTIOUS ATROPHIC RHINITIS OF SWINE see Rhinitis in swine

INFECTIOUS HEPATITIS see Hepatitis, Infectious

INFLAMMATION

Effect of some hydro-soluble vitamins on the development of aseptic inflammation. IU, S. Gromman, T. M. Chukichev. Pat. fiziol. i eksp. terap. 10 no. 1:56-68 Ja-F '66.

Effect of substances with vitamin-P activity on inflammatory reaction and acute edema of tissues. M. IU, Ladinbalo, I. S. Rudukova, A. M. Churimukh. Pat. fiziol. i eksp. terap. 10 no. 1:35-48 Ja-F '66.

INFLATION (FINANCE)

Inflation and currency problems of capitalism. A. Anikin. Mezhdunar. zhizn' 11 no. 6:70-80 Apr '66.

INFLORESCENCE

Ontogeny of certain abnormalities in the double carnation flower. V. O. Surkov, V. M. Kozlov. Ukr. bot. zhur. 23 no. 2:27-30 '66.

INFLUENCE OF ALTITUDE see Altitude, Influence of

INFLUENZA

Clinical aspects of pneumonia in parainfluenza disease in adults. L. D. Kniazova and others. Sov. med. 20 no. 1:25-30 Ap '66.

INFLUENZA—COMPLICATIONS AND SEQUELAE

Curability of diabetes insipidus developing after influenza. V. R. Kiliachko, L. D. Roztsova, V. M. Prikozhan. Probl. endok. i gorm. 12 no. 2:29-32 Mr-Apr '66.

INFLUENZA VIRUSES

Effect of antibodies and inhibitors on the early stage of virus-cell interaction. P. N. Kostakov, Z. I. Rovnova. Vop. virus. 11 no. 1:36-42 Ja-F '66.

Effect of immunization with live influenza vaccine on the organism of a donor. D. I. Rafailson and others. Vop. virus. 11 no. 1:51-56 Ja-F '66.

Increase in the sensitivity of hemagglutination reaction with the help of a cofactor in studying the antigenic structure of influenza virus. I. A. Krasovskaya, A. S. Gorbunova. Vop. virus. 11 no. 1:108-111 Ja-F '66.

Mixed infection of ornithosis and influenza viruses with aerosol. I. I. Terakikh, A. I. Gromyko. Vop. virus. 11 no. 1:80-84 Ja-F '66.

Passive hemagglutination reaction in influenza. R. I. Avrova and others. Vop. virus. 11 no. 1:104-106 Ja-F '66.

- INFORMATION SERVICES**
(see also subdivision under White Russia)
Economic effectiveness of information D D Moskv. NTI no. 2-1 '66
Economy in information processing as a necessary condition for improving the effectiveness of information work A V Kozenko NTI no. 1-4-8 '66.
Results of work during 1965 and tasks of information organizations in 1966. NIT no. 1,3-3 '66.
- INFORMATION SERVICES—ABSTRACTS**
[Scientific and technical information] Ref. Jour. Nauch. i tekhn. inform. no. 2 M: '66
- INFORMATION SERVICES—INTERNATIONAL COOPERATION**
Some facts and figures on the scientific and technical cooperation of the Comecon countries T Odukhanova. Vest. stat. no. 1-15-50 '66
- INFORMATION STORAGE AND RETRIEVAL SYSTEMS**
(see also subdivision under Great Britain, Upper Volga Economic region)
Machine methods of processing historical and technical information. G. M. Dobrov. NTI no. 1,36-39 '66.
Method of semantic coding for information language. L. E. Pshenichnina. NTI no. 1,33-35 '66.
Problem of the theory of information systems. A. I. Bogatyrev. NTI no. 1,27-32 '66.
- INFORMATION STORAGE AND RETRIEVAL SYSTEMS—TRACTORS**
Compiling a terminological dictionary for the indexing and retrieval of documents in the field of tractor construction. L. G. Popov. NTI no. 3,27-29 '66
- INFORMATION THEORY**
Carrying capacity of instruments measuring acyclically developing balance. V. I. Rabinovich. Trudy Inst. avtom. i elektron. SO AN SSSR no. 11-3-10 '64.
Concerning A. G. Zaitsev's article. V. B. Lashin. Avtom. i telemekh. no. 4,182 '66.
Determination of the intragroup structure of one and many groups consisting of a random number of signals. I. A. Bol'shakov. Izv. AN SSSR, Tekhn. kib. no. 3,107-113 M: Je '65
Evaluation of the accuracy and reliability of information transmission using analog wide-band modulation systems with presence of fluctuation noise. A. F. Fomin. Radiotekhnika 21 no. 4,1-9 Ap '66
Information criteria of evolution in nature. A. D. Ushak. Nauch. dokl. vys. shkoly: filos. nauk 9 no. 2,43-51 '66.
- Informational evaluation of a random shift of the scales of measuring instruments. V. I. Rabinovich. Trudy Inst. avtom. i elektron. SO AN SSSR no. 11,11-22 '61.**
Informational determination of the laws of distribution of the overshoots of random processes according to duration. G. I. Mirskiy. Radiotekhnika 21 no. 4,68-75 Ap '66
Principal statistical characteristics of a synchronization channel V. I. Tikhonov. Elektr. svyaz' 20 no. 1,32-11 Ap '66.
- Some gnosiological aspects of information theory. S. G. Ivanov. Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningr. Fil. no. 7, 55-60 '65.
- INFORMATION THEORY IN BIOLOGY**
Orderliness of biological systems. K. M. Khalilov. Usp. sov. biol. 61 no. 2,108-211 M: Ap '66.
- INFORMATION THEORY IN CHEMISTRY**
Physicochemical modelling of information and mental processes. Part 1. N. I. Kobzarev. Zhur. fiz. khim. 10 no. 2,281-294 F '66
Physicochemical modelling of the processes of information and thinking. Part 2. N. I. Kobzarev. Zhur. fiz. khim. 40 no. 4,784-791 Ap '66.
- INFORMATION THEORY IN MANAGEMENT**
Basic trends in automating the operative management of the shipping fleet. K. N. Denisov, A. N. Kiselev. Trudy TSNIIMF 8 no. 5,1,33-41 '63.
- INFORMATION THEORY IN METALLURGY**
Information theory applied in calculating the accuracy of level indicators of technological parameters. I. U. S. Sosnovskiy. Izv. vys. ucheb. zav. g. zhur. 9 no. 2, 141-144 '66.
- INFORMATION THEORY IN NAVIGATION**
Informational aspects of the basic problem of automatic navigation. E. N. Perevzentsov. Trudy TSNIIMF 8 no. 5,1,22-32 '63.
- INFORMATION THEORY IN PHYSICAL GEOGRAPHY**
Natural complexes as self-regulating information systems. A. D. Armand. Izv. AN SSSR, Ser. geog. no. 2,85-94 M: Ap '66.
- INFORMATION THEORY IN PSYCHOLOGY**
Variation principles in the behavior of living organisms G. A. Golitsyn. Izv. AN SSSR, Tekhn. kib. no. 3,103-208 M: Je '65
- INFORMATION THEORY IN PSYCHOLOGY—CONGRESSES**
Lomonov, B. F. [Problems of engineering psychology; materials of the First Leningrad Conference on Engineering Psychology, June 1964] Problemy inzhenernoi psikhologii, materialy Perov Leningradskoi konferentsii po inzhenernoi psikhologii, Iun' 1964 g. Leningrad, 1964. 173 p. (CSTMor)
- INFRARED APPARATUS AND APPLIANCES**
Heat treatment of constricted joints of panels by infrared rays. V. Bocharov and others. Zhil. stroit. no. 4,17-18 '65
- INFRARED HEATING**
Automatic temperature regulation in confectionery ovens with infrared heating. L. L. Sobol'. Khim. i kond. prom. 10 no. 4,18-21 Ap '66
Equipment maintenance and repair crews with infrared burners. R. I. A. B. and others. Transp. i khar. no. 1,11-12 M: Je '66
Heating of the hydraulic sandblast cleaning section of foundries by infrared gas burners. A. M. Lovin, A. K. Rodin. Vod. i sautekh. no. 5,11-12 M: Je '65
Use of gas burners emitting infrared radiation in the heating of assembling platforms. V. I. Kunitsyn, P. P. Smirnov. Sudostroenie 30 no. 6,62-64 Ic '61.
- INFRARED RAYS**
Parametric interaction of infrared waves in a medium with intense molecular vibrations. B. A. Arakyan, I. A. Petzelt. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 6,327-329 Ap '66.
- INFRARED SPECTRUM** see Spectrum, Infrared
- INFUSORIA**
Amylase activity of infusoria of the rumen. M. D. Pomazna, A. H. Sereda. Ukr. biokhim. zhur. 38 no. 2,155-160 '66
Cytochemical detection of isozymes of acidic inorganic pyrophosphatase in infusoria. L. N. Seravin, I. Y. Skoblov. Nauch. dokl. vys. shkoly, biol. nauk no. 2,46-49 '66.
- INGICHKA REGION (UZBEKISTAN)—TUNGSTEN**
Uzbek tungsten. M. Kabulov, V. Kriukhov. Ekon. i zhizn' 8 no. 3,88-90 M: Je '66.
- INGOT MOLDS**
Increasing durability of metallurgical ingot molds. E. G. Nikolaenko, N. I. Goncharenko. Met. i gorn. ud. prom. 2,11-13 M: Ap '66.
- INGOT MOLDS—CLEANING**
Hydraulic transducer for aligning ingot molds. V. S. Kocho, V. M. Zinchenko, A. M. Tupikov. Metallurg 11 no. 4,19 Ap '66.
- INHIBITION (CHEMISTRY)**
Effect of the inhibitors of free radical processes on the reproduction of tobacco mosaic virus. G. S. Klichava, E. N. Loghova. Soot. AN Gruz. SSR 41 no. 3,693-696 M: '66.
Study of the resistance of the inhibitors of proteinase in white bean. M. P. Chernikov, E. P. Abramova. Vop. pH. 25 no. 2,59-64 M: Ap '66.
- INJECTIONS, INTRA-ARTERIAL**
Distribution of Thio-TEPA-S³⁵ in intravenous and intra-arterial introduction, experimental study. S. A. Gasparian, B. G. Goldsman, L. M. Moroz. Vop. onk. 12 no. 4,65-69 '66.
- INJECTIONS, INTRAPERITONEAL**
Basis for intraperitoneal injections of medicinal mixtures in dyspeptic calves. I. G. Shadrin, M. Kh. Shaikhmanov. Veterinaria 42 no. 3,76-78 M: Je '66.
- INJECTIONS, INTRAVENOUS**
Distribution of Thio-TEPA-S³⁵ in intravenous and intra-arterial introduction, experimental study. S. A. Gasparian, B. G. Goldsman, L. M. Moroz. Vop. onk. 12 no. 4, 65-69 '66.
- INJUNCTIONS**
Decision No. 12 of the Plenum of the Supreme Court of the U.S.S.R. of December 29, 1965, entitled "The elimination of shortcomings in court practices when specific findings in civil matters are made." Biol. Verkh. Suda no. 1,14-15 '66.
- INJURIOUS INSECTS** see Insects, Injurious and beneficial
- INLAND NAVIGATION**
Basic trends in the modernization of radar stations for river vessels. P. Davydov, V. Chernyshev. Rech. transp. 23 no. 3,41-42 M: Je '64.
- Bel'gova, M. A.** [Bending moments for ships of inland navigation on rough waters] Izgibatel'skie momenty dlya sudov vnuti onnogo plavaniia na volnisti Leningrad, Sudostroenie, 1966. 200 p.
Best way of maneuvering the ship when in danger of a collision. S. O. Shamovskii. Rech. transp. 24 no. 9, 13-15 '65.
Ensure safe sailing of ships. S. O. Shamovskii. Rech. transp. 25 no. 3,44 '66.
Popkov, L. F. [Manual for river transportation workers] Spravochnik putein-rech. Moskva, Vysshaya shkola, 1965. 199 p.
Surging the speed of the movement of vessels and pushing tug boats through sinuous fairways. K. A. Gulinov. Trudy ISNIRVT no. 1,163-215 '58.
- INLAND NAVIGATION—CONGRESSES**
21st International Congress of Navigation. V. Balanin. Rech. transp. 25 no. 3,30-34 '66.
- INLAND NAVIGATION—SAFETY MEASURES**
A period of responsibility in the work of shipmasters. I. Shepctov. Rech. transp. 21 no. 9,1 '65
- INLAND WATER TRANSPORTATION**
(see also subdivision under Russia, Northwestern; Siberia)
Coordination of water and automotive transportation. A. Palkin. Rech. transp. 25 no. 3,11-13 '66.
Shore-based construction in 1966. B. Egorov. Rech. transp. 25 no. 3,1-2 '66.
- INLAND WATER TRANSPORTATION—ACCOUNTING**
Improve the business accounting system of plants. A. Zvonov. Rech. transp. 23 no. 3,22-25 M: Je '64
Settling of accounts between ports and shipping companies for cargo service. M. Tukish. Rech. transp. 25 no. 3,51 '66.
- INLAND WATER TRANSPORTATION—CONGRESSES**
Fourth Congress of the Scientific Technological Society of Water Transportation. S. Kamenskii. Rech. transp. 25 no. 3,18 '66.
- INLAND WATER TRANSPORTATION—COST OF OPERATION**
Calculating the shipping costs of tankers on the basis of direct operational expenditures. V. Poshnikov, E. Nevollina. Rech. transp. 25 no. 3,7 '66.
Method for evaluating the factors of cost reduction. S. Slutskii. Rech. transp. 25 no. 3,47-49 '66.
- INLAND WATER TRANSPORTATION—EMPLOYEES**
The selection and training of specialists should be definitely improved. N. Moselekh. Rech. transp. 23 no. 3,3-6 M: Je '64
- INLAND WATER TRANSPORTATION—MANAGEMENT**
Improvement of the planning of revenues from transportation. V. Logoznev. Rech. transp. 24 no. 9,7-9 '65
Organizing the services of high-speed vessels. M. Lavrent'ev, V. Mikhailov, V. Belikov. Rech. transp. 23 no. 3,7-9 M: Je '61.
Recent development in business accounting relations. A. Nikolaev. Rech. transp. 23 no. 3,8-10 M: Je '64.
Take into account the irregularity of the movement of goods in planning the schedule of the fleet. V. Kosterin, V. Savin. Rech. transp. 25 no. 3,3-4 '66.
Time-based planning and evaluation of the work of ship crews. V. Golovnikov, K. Linkov. Rech. transp. 23 no. 3,10-12 M: Je '64
- INLAND WATER TRANSPORTATION—PASSENGER TRAFFIC**
For the development of river transportation of tourists. S. Polink. Rech. transp. 25 no. 3,8-10 '66.
Planning the operation of passenger vessels. N. Komarov. Rech. transp. 25 no. 3,10-11 '66.
- INLAND WATER TRANSPORTATION—PRODUCTION STANDARDS**
Planning and evaluating the work of ship crews on the basis of scheduled rates. K. Liakhov. Rech. transp. 25 no. 3,5-7 '66.
- INLAND WATER TRANSPORTATION—SAFETY MEASURES**
Labor protection should receive our daily attention. E. Kuryeva. Rech. transp. 24 no. 9,2-3 '65.
- INLAND WATER TRANSPORTATION—STATIONS** see subdivision under Omsk
- INONOTUS—THERAPEUTIC USE**
Use of the "birch fungus" (Inonotus obliquus) in veterinary medicine. P. P. Golyashenko, I. R. Shashanov. Uch. zap. Mord. gos. un. no. 47,167-170 '65.
- INSCRIPTIONS** see subdivision under Georgia

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INTEGRATORS

Using the EGDA integrator in solving some problems of unsteady free filtration from earth beds. A. A. Dobion-ravov. *Gidravlika* no. 2 117-118 '66.

INTEGRAL DIFFERENTIAL EQUATIONS

Asymptotic behavior of solutions to integrodifferential equations containing a small parameter at the derivative. V. F. Butarov. *Dif. urav.* 2 no. 3 391-106 M. '66.
Simultaneous vibrations of an elastic half-space and a layer under movable load. M. I. Riazanova, H. H. Filonenko. *Dop. AN URSR* no. 3 318-322 '66.

INTELLECTUALS

(See also subdivision under Ukraine, Western)
The people's intelligentsia. B. Jorganson. *Kommunist* 47 no. 6 72-79 Ap '66.

INTELLIGENCE SERVICE see subdivision under United States

INTERCONNECTED ELECTRIC UTILITY SYSTEMS see subdivision under Siberia; Soviet Central Asia

INTERCOSTAL MUSCLES

Interrelations and function of external and internal intercostal muscles in domestic and some wild animals. R. L. Blekhan. *Trudy AZVI* 13:256-261 '61.

INTERFEROMETER

Interference filters for the microwave region of the spectrum. V. I. Bulakhanov, A. R. Stiganov, Zhur. prikl. spekt. 1 no. 1 213-221 M. '66.
Interferometer for measuring the dielectric constant of dielectrics in the millimeter radio wave band. E. A. Vorobeyev. *Izv. vys. ucheb. zav. ; radiofiz.* 9 no. 1 130-132 Ja-F '66.

INTERFERON

Interferon. *Vop. virus* 11 no. 1:112-113 Ja-F '66.
Study of the conditions of interferon formation in chick embryo fibroblast tissue culture infected with Japanese encephalitis virus. N. A. Ivanova. *Biul. eksp. biol. i med.* 81 no. 2:75-78 F '66.
Study of the inhibitory effect of interferon on ribonucleic acids, isolated from poliomyelitis and Scotland encephalitis viruses. N. A. Ivanova, R. I. A. Pollak. *Vop. virus* 11 no. 1:25-31 Ja-F '66.

INTERLIBRARY LOANS

Problems of cooperation among city libraries. N. S. Lantashov. *Trudy VSBi* no. 1:136-169 '62.
So that all the requirements of our readers may be satisfied. M. Pefelova. *Bibliotekar'* 13 no. 4:28 Ap '66.

INTERMETALLIC COMPOUNDS

Influence of the casting temperature on the crystallization of primary intermetallic compounds. R. R. Malinovsky. *Tsvet. met.* 39 no. 3:65-68 M. '66.
Intermetallic phase in alloys of the system Ti - Al - Fe - Si - B - Cu. *Zav. lab.* 31 no. 5:531-535 '65.
Isolating the Ni₃Al intermetallic phase from a Ni-Cr-Al alloy. R. B. Golubtsova. *Izv. AN SSSR, Met.* no. 2: 174-176 M. -Ap '66.

Viscosity and the electric resistance of molten systems with electronic compounds in the solid state. K. I. Tretinov, A. P. Lushinov. *Sbor. Inst. at. i spiv.* no. 11 171-176 '66.

INTERMETALLIC COMPOUNDS—CONGRESSES

Symposium on intermetallic compounds, methods of preparing them and their physicochemical properties. V. Sinelnikova. *Priroda*, int. 0 no. 4 111 Ap '66.

INTERMETALLIC COMPOUNDS—THERMODYNAMICS

Thermodynamic properties of the intermetallic compounds Cu₂Cd and Cu₂Cd₃. A. A. Vecher, G. N. Goltikova. *Dokl. AN BSSR* 10 no. 3:174-176 M. '66.

INTERNAL COMBUSTION ENGINES

Rotary-piston engine. V. Turianski. *Tekhn. i vooruzh.* no. 9:10-23 S '65.

INTERNAL COMBUSTION ENGINES—ABSTRACTS

[Internal combustion engines] Ref. zhur. :Dvig. vnutr. sgor. nos. 3-4 M. -Ap '66.

INTERNAL COMBUSTION ENGINES—FUEL SYSTEMS

Studying gas exchange between the precombustion chamber and the cylinder of an engine. I. A. Gamznev. *Uch. zap. AzSKH* no. 1:75-78 '64.

INTERNAL COMBUSTION ENGINES—IGNITION

Electric ignition devices. V. Petrov. *Tekhn. i vooruzh.* no. 10 85-87 O '65.

INTERNAL COMBUSTION ENGINES—LUBRICATION

Circulation of oil in internal combustion engines. I. A. Kulikov. *Uch. zap. AzSKH* no. 1:65-74 '64.
Effect of the quality of the working oil on the service life of internal combustion engines. A. I. Sokolov, B. I. Shatalov, F. A. Keldinshv. *Khim. i tekhn. topl. i masol.* 11 no. 3:57-58 M. '66.

INTERNAL CONVERSION (NUCLEAR PHYSICS)

Conversion electron spectra of the isotopes Ce¹³⁵, Ce¹³³, and Ce¹³². A. A. Abdumalikov and others. *IAdfiz* 3 no. 4:602-608 Ap '66.

INTERNAL FIXATION IN FRACTURES

Metal and polymer osteosynthesis in the treatment of jaw fractures caused by firearms. V. I. Luk'yanenko. *Voen. -med. zhur.* no. 3 19-22 M. '66.
Morphological changes in the bone and bone marrow in the treatment of tubular bone fractures with intracosseous metal osteosynthesis, experimental study. I. G. Bychkov. *Vop. travm.* no. 2 34-42 '63.
Reaction of the vascular apparatus of the extremity in animals to the treatment of tubular bone fractures with intracosseous metal osteosynthesis. I. G. Bychkov. *Vop. travm.* no. 2 45-55 '63.
X-ray characteristics of the reaction of the bone and its elements to intramedullary introduction of a metal pin. I. G. Bychkov. *Vop. travm.* no. 2 13-17 '63.

INTERNAL FRICTION

Device for determining amplitude-dependent internal friction in transverse vibrations. I. K. Farnstov. *Zav. lab.* 32 no. 3:379-380 '65.
Internal dispersion of energy in helical springs. P. M. Alabuzhny, V. V. Bondarenko, A. M. Tins. *Fiz. -tekhn. probl. razrab. poliskop* no. 1 121-124 '66.
Internal friction in cobalt in the polymorphic transformation region. V. S. Lvov, B. I. Chirkov. *Izv. vys. ucheb. zav., Chern. med.* 9 no. 4:117-118 '66.
Shock relaxation in polycrystalline alpha-iron. B. M. Darinskii, T. D. Shermeigov. *Izv. vys. ucheb. zav., Chern. med.* 9 no. 4:104-108 '66.
Unit for studying internal friction and the elastic moduli of whiskers by the method of bending vibrations. V. S. Posnikov, A. T. Kostlov, S. A. Ammer. *Zav. lab.* 32 no. 4:492-493 '66.

INTERNAL MEDICINE see Medicine, Internal

INTERNATIONAL EDUCATION—CONGRESSES

Conference on the problems of international education. O. Kornuchuk, M. Semenchuk. *Rad. shk.* 44 no. 4:100-100 Ap '66.

INTERNATIONAL FEDERATION OF LIBRARY ASSOCIATIONS

"Information bulletin of the International Federation of Library Associations." K. V. Lintova. *Sov. bibl.* no. 1 116-118 '65.

INTERNATIONAL LAW

Minsin, N. M. [Law of peaceful coexistence] *Pravo mirogo soshchestevovania*. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1966. 267 p.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONAL RELATIONS—STUDY AND TEACHING

Advice to the lecturer: Methodological assistance to the lecturers on international relations. R. G. Igib'yanis. *Mezhdunar. otn.* 13 no. 5:150-151 '66.

INTERNATIONAL RELATIONS—TERMINOLOGY

Tarkov, V. I. [4,000 useful words and expressions; a concise guide for the interpreter working in the field of international relations (the English language)] 4000 poleznykh slov i vyrazhenii kratkii spravochnik perevodchika-mezhdunarodnika (anglitskii iazyk). Moskva, DMO, 1966. 127 p.

Tsviling, M. I. A. [4,000 useful words and expressions; a concise guide for the interpreter working in the field of international relations (the German language)] 4000 potoznykh slov i vyrazhenii kratkii spravochnik perevodchika-mezhdunarodnika (nemeckii iazyk). Moskva, IMO, 1965. 141 p.

INTERNATIONALISM

A conference on the problems of internationalism. M. S., P. H. *Ukr. ist. zhur.* 10 no. 4:153-154 Ap '65.

INTER-PARLIAMENTARY UNION

The Inter-Parliamentary Union. *Agitator* 34 no. 6: 53 My '66.

INTERPOLATION

Interpolation formulas for the calculation of physicochemical values in a three-dimensional space. G. N. Veselova and others. *Zhur. fiz. khim.* 40 no. 4 936-938 Ap '66.

INTERSTELLAR GASES see Gases, Interstellar

INTERSTELLAR MATTER

Self-similarly problem concerning the propagation of a shock wave in a gas-dust medium. E. A. Gidalevich. *Trudy Astrofiz. inst. AN Kazakh. SSR* 7:12-16 '66.
Share of cosmic dust in the evolution of interstellar matter. E. A. Gidalevich. *Trudy Astrofiz. inst. AN Kazakh. SSR* 7:3-11 '66.

INTERVERTEBRAL DISK—HERNIA

Discogenic ischemic insults of the terminal section of the spinal cord. M. K. Broiman. *Vop. neirokhii* no. 3 41-47 '65.

Results of surgical treatment of intervertebral disk hernias. B. N. Espronov. *Vop. neirokhii*, no. 3:56 '65.

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINAL FISTULA see Fistula, Intestinal

INTESTINES

Absorptive function of the intestine following intake of mineral water. I. U. K. Vasilenko. *Vop. kur. i fizioter.* 1 lech. fiz. kul't. 31 no. 1:37-40 '66.
Changes in the enzymatic adaptations of the gastric glands during the action of products of protein hydrolysis on the mucosa of the small intestine. B. I. Satsa. *Biul. eksp. biol. i med.* 61 no. 2:17-21 F '66.

INTESTINES—BLOOD SUPPLY

Effect of preliminary epiploic novocaine block on the development of collateral arteries in the section of the intestines with circulation disorders. Report No. 1. A. I. Slesarev. *Uch. zap. KVI* 92:80-91 '64.
Effect of subsequent epiploic novocaine block on the development of collateral arteries in the section of the intestines with circulation disorders. Report No. 2. A. I. Slesarev. *Uch. zap. KVI* 92:92-95 '64.
Nervous regulation of the restoration of collateral intestinal blood circulation. A. I. Slesarev. *Uch. zap. KVI* 92:71-79 '64.

INTESTINES—DISEASES

Characteristics of the strains of *Escherichia coli* isolated from calves with acute enteritis. T. P. Rutenko. *Trudy AZVI* 13:106-121 '64.

INTESTINES—INFLAMMATION

Incidence of colenteritis in adults. S. I. Pastukhov and others. *Voen. -med. zhur.* no. 4:53-55 Ap '66.

INTESTINES—INNERVATION

Nervous regulation of the restoration of collateral intestinal blood circulation. A. I. Slesarev. *Uch. zap. KVI* 92:71-79 '64.

INTESTINES—MICROBIOLOGY

Effect of lumens from cow milk on the intestinal microflora. E. A. Tolmacheva. *Vop. pit* 23 no. 3:82-83 My-Je '64.
Effect of lactose and pectin upon thiamine synthesis by the intestinal flora in dogs. I. B. Kuvreva, V. V. Kuznetsova. *Vop. pit* 23 no. 3 17-53 My-Je '64.

INTESTINES—OBSTRUCTIONS

Changes in the activity of cholinergic substances in the intestinal wall in experimental obstruction of the intestine. I. U. M. Dodorov. *Pat. fiziol. i eksp. terap.* 10 no. 1:60-71 Ja-F '66.

Sichkotov, G. M. [Intestinal obstruction and its treatment] *Neprekhodimost' kishchechnika i ee lechenie*. Moskva, Meditsina, 1966. 393 p. (DNLN)

Simonian, K. S. [Pathological adhesions] *Spazhechnaia bolezn'*. Moskva, Meditsina, 1966. 273 p. (DNLN)

INTESTINES—PARASITES

Effect of intestinal parasites on the course of gastrointestinal diseases. V. M. Timov. *Sov. med.* 29 no. 3:83-85 M. '65.

INTESTINES—SECRETIONS

Effect of prolonged transversely directed radial neocortical injections on the secretion of intestinal juice and enzymes in dogs. V. E. Potkin. *Biul. eksp. biol. i med.* 61 no. 3 13-47 M. '66.
Electrophoretic and immunoelectrophoretic study of the protein composition of the intestinal juice in dogs following resection of the stomach. A. S. Pashkarev, A. V. Afanas'eva. *Biul. eksp. biol. i med.* 61 no. 3 39-43 M. '66.

INTESTINES—TRANSPLANTATION

Enterovascularization of a solitary pyelonephritic kidney. V. F. Khomonko. *Urol. i nefr.* no. 4:54-55 '65.
Preservation of an artificial interorganismic anastomosis between the small intestine and heart. L. S. Zhuravskii. *Biul. eksp. biol. i med.* 61 no. 2 105-109 F '66.

INTESTINES—TUMORS

Reaction of the ureter involved in a leiomyoma of the large intestine. I. U. A. Pytel'. *Urol. i nefr.* no. 4:55-58 '65.

INTRA-ARTERIAL INJECTIONS see Injections, Intra-arterial

INTRAPERITONEAL INJECTIONS see Injections, Intraperitoneal

INTRATRACHEAL ANESTHESIA

Vital pressure in patients with tumors during anesthesia with artificial pulmonary ventilation. I. V. Frid, V. N. Galushin. *Vopr. khim.* 12 no. 4 35-40 '66.

INTRAVENOUS INJECTIONS see Injections, Intravenous

INTRAVENOUS ANESTHESIA

State of prothrombin forming at anesthetic functions of the liver in patients operated under thiopental alcohol anesthesia. M. I. Hain, Vestn. AN BSSR Ser. biol. nat. 1 no. 1 27-30 '66.

INTRINSIC FACTOR (PHYSIOLOGY)

Hemopoietins and changes in the peripheral blood in gastric ulcers. Z. M. Chahua. *Sob. AN Gruz SSR* 41 no. 2 497-501 '66.

INVARIANTS

Advances in the invariant theory of mechanics. V. I. Prashchikov. *Trudy SPSKH* 33 pt. 2, 33-44 '64.

INVENTIONS, EMPLOYEES'

Disputes settled in court. A. Kondrat'ev. *Fkon. Rad. Ukr.* 8 no. 80-82 31 '65.

INVERTASE

Use of ultrasonic waves for the release of yeast β -fructo-uranosidase (invertase). N. I. Baer and others. *Fern. i spln. prom.* 32 no. 3, 20-22 '66.

INVERTEBRATES

Zelikman, A. L. [Laboratory manual on the zoology of invertebrates] *Praktikum po zoologii bespozvonochnykh*. Moskva, Vysshaya shkola, 1965 331 p.

INVERTEBRATES, FOSSIL see subdivision under Dilester Valley

INVESTMENTS, AMERICAN

(see also subdivision under Scandinavia)

Branches of American corporations abroad. E. Istomina. *Mir. ekon. i mezhdunar. otn.* no. 5 113-122 '66.

INVESTMENTS, BRITISH see subdivision under China

INVESTMENTS, FOREIGN see subdivision under Italy; Zambia

INVESTMENTS, GERMAN see subdivision under Africa

IODATES

Basic germanium iodate and periodate. N. I. Lobanov. *Zhur. neorg. khim.* 11 no. 2 438 F '66.

IODINE

Absorption of iodine vapors by anion-exchange resins under dynamic conditions. A. V. Nikitov and others. *Dokl. AN SSSR* 167 no. 4 841-843 Ap '66.

Effect of some factors on isopentane dehydrogenation in the presence of iodine. S. V. Adet'son, V. I. Nikonov. *Khim. i tekhn. topl. i masel* 11 no. 3, 6-8 M '66.

Nature of the products of interaction of iodine with silica gel. S. I. Kol'isov, V. B. Aleksovskii. *Zhur. neorg. khim.* 11 no. 2, 249-251 F '66.

Reactivity of cyclodextrins in addition reactions. Part I. Kinetics and mechanism of addition of iodine to cyclohexene in dimethylformamide. G. V. Chernavskii and others. *Ukr. khim. zhur.* 32 no. 3, 260-268 '66.

IODINE CHLORIDES

System $\text{RbCl} - \text{ICI} - \text{H}_2\text{O}$ at 0°C . V. I. Safonova, B. D. Stepin, G. P. Kuznetsova. *Zhur. neorg. khim.* 11 no. 2, 439-438 F '66.

IODINE IN THE BODY

Use of iodine of sea kale by an organism. V. L. Gnovala, M. I. Krylova, I. A. Zhaskova. *Vopr. pit.* 25 no. 2, 64-68 Mr-Apr '66.

IODINE ISOTOPES

Formation of XeO_3 in β -decay of iodine-131 in the composition of alkali metal iodates. I. S. Kirin, R. K. Gusev. *Dokl. AN SSSR* 167 no. 5, 1090-1093 Ap '66.

IODOMETRY

Composition and stability of the iodotellurite complex. V. I. Murashova. *Zhur. anal. khim.* 21 no. 3 345-319 '66.

ION EXCHANGE

Graphic representation and calculation of the process of double ion exchange in a "forest of columns". G. I. Mikulin, N. V. Borovskaya. *Zhur. prikl. khim.* 39 no. 3 612-624 Mr '66.

Preparation and study of ion-exchange properties of nitrogen-containing coal. I. A. Kuzin, A. I. Loskutov. *Zhur. prikl. khim.* 39 no. 1, 100-105 Ja '66.

Preparation and study of the ion-exchanging properties of oxidized carbon. I. A. Kuzin, B. K. Sirashko. *Zhur. prikl. khim.* 39 no. 3 603-608 Mr '66.

Relation between the layer by layer method of computation of the dynamics of sorption and ion exchange and the kinetic theories of chromatography. V. S. Golubev, G. M. Panchenkov. *Zhur. fiz. khim.* 10 no. 2 173-175 F '66.

Structure-forming processes in aqueous dispersions of homoionic modifications of halloysite. M. M. Kuzhlytskiy, V. I. Orlovchenko. *Dop. AN URSR* no. 2, 193-198 '66.

Study of scandium complex formation by the ion-exchange method. T. A. Bellavskaya, I. P. Alimarin, G. D. Brikina. *Vest. Mosk. univ.* 2 Khim. 21 no. 1 81-87 Ja-F '65.

Theory of periodical reactions. F. M. Shemakina. *Trudy 1-go MIM* 17, 72-83 '62.

ION EXCHANGE—THERMODYNAMICS

Thermodynamics of ion exchange on sulfonated copolymers of styrene and divinylbenzene. Part 1. A. A. Kiyova, V. S. Soldatov, G. L. Stokobina. *Zhur. fiz. khim.* 10 no. 2 438-441 F '66.

ION-EXCHANGE RESINS

Absorption of carbon disulfide by anion-exchange resins. L. A. Tsakalina, A. B. Davankov. *Zhur. prikl. khim.* 39 no. 3 508-511 M '66.

Absorption of iodine vapors by anion-exchange resins under dynamic conditions. A. V. Nikitov and others. *Dokl. AN SSSR* 167 no. 1 841-843 Ap '66.

Effect of heat treatment on the properties of KB-4 2 P ion exchange resins. N. G. Paryshkina, V. S. Soldatov, N. I. Sudzikova. *Plast. massy* no. 4 60-63 '66.

Mechanism of sorption of polyphenols from aqueous solutions of caffeine by polymerizing anion-exchange resins. V. I. Vachnadze. *Sob. AN Gruz SSR* 41 no. 2 351-356 F '66.

Selective properties of carboxylic cation exchangers. Part 2. V. S. Soldatov, M. S. Bespal'ko. *Zhur. fiz. khim.* 40 no. 2 486-489 F '66.

Using ion-exchange resin as a catalyst for the synthesis of 2-dimethoxymethyl-3-methoxypropionitrile. V. M. Turstin, L. G. Chebotareva, T. I. Grolzik. *Zhur. prikl. khim.* 38 no. 2 443-445 F '65.

ION EXCHANGERS

Adsorbability of titanium by ion exchangers from acidic solutions. I. K. Tsvetich. *Zhur. prikl. khim.* 39 no. 3 551-556 M '66.

Isolation from salt solutions of traces of elements with organic coprecipitators and ion exchangers. V. I. Kuznetsov, T. V. Sotolova. *Dokl. AN SSSR* 167 no. 5, 1063-1065 Ap '66.

Mechanism of change in the exchange capacity of AV-17 anionite on heating in water and in some alcohols. M. A. Shaburov, K. M. Salidzhe. *Zhur. prikl. khim.* 39 no. 1 106-113 Ja '66.

Selective properties of ion exchangers based on chloroprene rubber. A. I. Pokrovskaya, V. S. Soldatov. *Zhur. fiz. khim.* 10 no. 2 434-437 F '66.

Selectivity of sulfonic and phenolsulfonic cationites with respect to alkali metal ions. V. I. Gorskikh, I. Z. Korotev. *Vest. Mosk. univ.* 2 Khim. 21 no. 1, 16-20 Ja-F '66.

Separation of niobium and tantalum in hydrofluoric acid solutions by means of anionites EDE-10P and AN-2F. V. S. Pakholkov, I. E. Maistov. *Zhur. prikl. khim.* 39 no. 3, 507-513 M '66.

Washing-out of metal ions from sulfonated cationites by pyridine hydrochloride solutions. A. I. Zhukov, V. M. Mar'ova, I. U. P. Sorokin. *Zhur. prikl. khim.* 39 no. 1, 113-119 Ja '66.

ION EXCHANGERS—ELECTRIC PROPERTIES

Analysis of conductance of a regular heterogeneous system as exemplified by a granular layer of ion exchangers. N. I. Nikolaev, I. U. Khramtsov, A. M. Pilitonova. *Elektrokhim. i tekhn. topl. i masel* 11 no. 4 165-471 Ap '66.

Conductance of various salt forms of the KU-2 cation exchanger. N. P. Gnuslin, V. D. Grebenuk, T. A. Lavrova. *Zhur. prikl. khim.* 39 no. 1, 119-123 Ja '66.

Electric conductivity of ion-exchange columns. N. P. Gnuslin, V. D. Grebenuk, A. G. Fomin. *Elektrokhim. i tekhn. topl. i masel* 11 no. 4 470-486 Ap '66.

IONIC CRYSTALS

Activator traps for electrons and holes in ionic crystals. I. K. Vale and others. *Izv. AN SSSR, Ser. fiz.* 30 no. 4, 695-697 Ap '66.

Multiplication of electron excitations in ionic crystals. E. R. Il'ias, Ch. B. Lushchik. *Izv. AN SSSR, Ser. fiz.* 30 no. 4, 654-660 Ap '66.

Recombination luminescence of ionic crystals activated by slow electrons. T. I. Trofimova (Eksina), I. L. Khusman. *Izv. AN SSSR, Ser. fiz.* 30 no. 4, 684-687 Ap '66.

IONIC SOLUTIONS

Modern theory of slags. O. A. Esin. *Vopr. protiv. stal.* no. 10, 23-55 '65.

IONIZATION

Concerning an empirical regularity in oxidizing catalysis. V. I. Vol'ison, Teoret. i ekspr. khim. 2 no. 1, 123-126 '66.

Detectors of atomic beams used for frequency standards and radio spectrometers. A. M. Amadziev, V. E. Belianina, L. I. Mianikov. *Izv. vys. urcheb. zav. i radiofiz.* 9 no. 1 72-80 '66.

Excitation and ionization of atoms as a result of beta decay. G. A. Skorobogatov. *Teoret. i ekspr. khim.* 2 no. 1, 26-36 '66.

Solution of the Thomas-Fermi-Dirac equation taking into account the correlation for a bivalent calcium ion. V. M. Vdovenko, M. V. Dubinov. *Zhur. atom. fiz. i teo. i ekspr. fiz.* 1 60-65 Ja-F '66.

IONIZATION OF GASES

High-vacuum ionization detector for gas chromatography. B. K. Kiylov. *Zhur. fiz. khim.* 10 no. 1, 959-964 Ap '66.

Influence of certain properties of gases on the parameters of arc welding. V. A. Hagimskii, V. A. Gubenko. *Avtom. svay.* 19 no. 1, 20-32 M '66.

Using a flame ionization detector to study equilibrium kinetics in heterogeneous systems. A. P. Somov, A. A. Zhukhovitskiy. *Sbor. inst. stal. i oplat.* no. 11 69-78 '66.

IONOSPHERE

(see also subdivision under Siberia)

Possibility of the existence of a cellular structure in the D-region of the ionosphere. O. O. Gerasimov. *Izv. AN Turk. SSR, Ser. fiz. i tekhn. i khim. i geol. nauk* no. 2, 10-47 '66.

Study of ionospheric layers in the infrared spectral region. N. M. Naikov, I. A. I. Meison, M. H. Shamilov. *Dokl. AN SSSR* 167 no. 4, 803-806 Ap '66.

IONOSPHERIC RESEARCH

Results of the investigation of the distribution of electron concentration in the ionosphere using the method of ground reception of radio signals from the artificial earth satellite "Electron-1". N. A. Mitnikov, I. I. Mitnikova, V. A. Cherepovitskiy. *Kosm. issl.* 1 no. 2, 218-256 Mr-Apr '66.

IONS

Differential and integral cross sections for electron loss and capture by fast N^+ , Ne^+ , and Ar^+ ions. L. I. Pivovarov, M. T. Novikov, A. B. Dolgov. *Zhur. eksp. i teor. fiz.* 50 no. 3, 537-545 M '66.

Effect of optical radiation on the electrical quadrupole interaction of the nucleus of a paramagnetic ion. V. I. Gashnikov, E. K. Sadykov. *Plas. i rad. Zhur. fiz. i teo. i tekhn. fiz.* 3 no. 6 210-243 M '66.

Effect of paramagnetic Cr^{3+} and Fe^{3+} ions on the optical and mechanical properties of single crystals. R. P. Boshuk, I. V. Gerasimov, M. V. Pashkova. *Ukr. fiz. zhur.* 11 no. 4, 430-431 Ap '66.

One of the possible mechanisms underlying γ -radiation reactions with heavy ions. M. I. Palugol'd. *Izv. fiz.* 3 no. 1, 826-829 Ap '66.

IONS—MIGRATION AND VELOCITY

Current transfer by cations in melts of the system $\text{KCl} - \text{MgCl}_2$. I. S. Kuchanovskaya. *Zhur. prikl. khim.* 39 no. 3, 561-565 Mr '66.

Mechanism of ion mobility in liquid metals. P. P. Kuz'menko, I. I. Khur'kov, V. I. Lozovoi. *Izv. mel. i metal. lovd.* 21 no. 3 114-122 M '66.

IONS—SCATTERING

Multiple scattering of nitrogen and oxygen ions in aluminum. A. A. Bebnikov and others. *Zhur. eksp. i teor. fiz.* 50 no. 3, 509-504 Mr '66.

IRAN—LABOR AND LABORING CLASSES

Formation of the working class in Iran. M. S. Ivanov. *Sov. otn.* no. 2, 50-72 Mr-Apr '66.

IRANIAN ART OBJECTS see Art objects, Iranian

IRELAND—ECONOMIC GEOGRAPHY

Rabinovich, I. E. [Great Britain, Ireland; an outline of their economic geography] *Velikobritaniya, Irlandiya; ekonomiko-geograficheskiy ocherk*. Moskva, Prirovo-shechenie, 1966, 109 p.

IRELAND—STNN FEIN REBELLION, 1910

"Golden anniversary," M. Vladimirov. *Mezhdunar. zhizn'* 13 no. 5, 110 '66.

The stones of Dublin. I. Sedn. *Nov. vrem.* 23 no. 18 21-23 My '66.

IRE (EYE)

Induction of an iris anlage by the crystalline lens in a retina regenerate in *Ambystoma*. N. V. Ivanova, O. G. Suvova, P. L. Shchegoleva. *Dokl. AN SSSR* 167 no. 4, 953-955 Ap '66.

IRIS (PLANT) see subdivision under Kishinev

IRKUTSK—LIBRARY SCHOOLS AND TRAINING

How the Library of Irkutsk University disseminates the knowledge of library science and bibliographical theory. V. I. Akhnenko. *Trudy VSHI* no. 1, 170-175 '62.

IRKUTSK PROVINCE—ECONOMIC POLICY

From the work practice of a planning commission. P. Sil'nekiy. *Plan. khoz.* 43 no. 5, 81-87 My '66.

IRKUTSK PROVINCE—KAOLIN

New large deposit of refractory kaolin in Irkutsk Province
G.G. Litvinsev, Razved. i okh. ned. 31 no. 3 115-16 Mr '65

IRKUTSK PROVINCE—METALS, RARE AND MINOR

Impurity elements in the muscovites of the Chuya deposit
V.P. Vasil'eva, Geokhimiia no. 1 105-111 Ja '66

IRKUTSK PROVINCE—MUSCOVITE—ANALYSIS

Impurity elements in the muscovites of the Chuya deposit.
V.P. Vasil'eva, Geokhimiia no. 1 105-111 Ja '66

IRKUTSK PROVINCE—PETROLOGY

Thermodynamic conditions governing the equilibrium of rutile and sphene in rocks containing lime and quartz of the Mama formation I.K. Karpov, Geol. i geofiz. no. 1 125-128 '66

IRKUTSK PROVINCE—PRODUCE TRADE

Toward a common objective, V. Telegin, Zakup. sel'khoz. prod. no. 2 7-8 F '66.

IRKUTSK PROVINCE—STATE FARMS—MECHANIZATION

A bridge to the spring, L. Bulnov, V. Ershov, N'IO 8 no. 4 24-25 Ap '66.

IRON

(see also subdivision under Kazakhstan)

Determination of the equilibrium constant in reduction by hydrogen of magnetite to iron at 1000°C. I.U. P. Vorob'ev, V.N. Bogoslovskii, G.I. Chufarov, Dokl. AN SSSR 167 no. 5 1112-1114 Ap '66.

Mechanism of extraction of trivalent iron by diethyl ether, N.I. Denisov, A.S. Khalonin, Zhur. prikl. khim. 38 no. 2 295-298 F '65.

Reaction of iron with three-component silicate melts, V.I. Artem'ev, A.A. Appen, Zhur. prikl. khim. 38 no. 2 409-411 F '65.

IRON—ANALYSIS

Rapid method of determining microgram quantities of iron in germanium tetrachloride, L.N. Filatova, I.F. Golovanova, Trudy IREA no. 27 215-218 '65.

IRON—METALLOGRAPHY

Changes in the structure of iron during work in contact with polymers, G.A. Gorokhovskii, I.I. Agulov, Fiz.-khim. mekh. mat. 2 no. 1 105-110 '65.

Theoretical analysis of the effect of high pressure on phase transformations in pure metals B.IA. Llabov, V.G. Tsyganenko, Fiz. met. i metalloved. 21 no. 3 331-338 Mr '66

IRON—NITROGEN CONTENT

Method of chemical determination of nitrogen in cast iron, L.T. Levi, O.M. Borisova, Zav. lab. 32 no. 4 414 '66.

IRON—SPECTRA

X-ray K-spectra of iron absorption in the carbide of carbon steel tempered at various temperatures and lengths of holding time M.P. Arbutov and others, Fiz. met. i metalloved. 21 no. 3 464-466 Mr '66

IRON ALLOYS

Differential amperometric determination of cerium and vanadium in cast irons, steels, and alloys, V.I. Bogovina, I.U. Usatenko, V.P. Mal'tsev, Zav. lab. 32 no. 4 142-143 '66.

IRON ALLOYS—CORROSION

Scale formation on iron-copper and iron-cobalt alloys on heating in air, R.F. Volteich, Zhur. prikl. khim. 39 no. 3 565-572 Mr '66

IRON ALLOYS—ELECTROMETALLURGY

Coke for ferroalloys, V.I. Sakhorukov and others, Koks, i khim. no. 3 26-32 '66.

Determining the parameters of pilot plant electric furnaces for making ferroalloys, M.Sh. Kots, N.P. Melnikov, Stal' 26 no. 4 332-333 Ap '66.

IRON ALLOYS—HYDROGEN CONTENT

Solubility of hydrogen in iron solid alloys, B.P. Burylov, Zhur. fiz. khim. 40 no. 4 822-825 Ap '66.

IRON ALLOYS—METALLOGRAPHY

Morphology of the eutectic in Fe-C-Cr alloys, I.U. N. Taran, V.M. Snagovskii, Metalloved. i term. obr. met. no. 4 27-30 Ap '66.

IRON AND STEEL PLANTS—ACCOUNTING see subdivision under Novokuznetsk**IRON AND STEEL PLANTS—BY-PRODUCTS** see subdivision under Ukraine**IRON AND STEEL PLANTS—DESIGN AND CONSTRUCTION**

Increase the capacity of ferrous industry enterprises, A. Silivinskii, Ekou. stroit. 8 no. 5 116-20 My '66.

IRON AND STEEL PLANTS—LABOR PRODUCTIVITY (see also subdivision under Ukraine)

Makers of three hundred thousand tons, M. Esin, Metallurg 11 no. 4 23-23 Ap '66.

IRON AND STEEL PLANTS—MANAGEMENT

(see also subdivision under Rumania, Ukraine, Zhdanov)

Efficient organization of railroad transportation, A.F. Tikhonov, K.M. Komolov, Metallurg 11 no. 4 34-35 Ap '66.

Plan of the expanding ferrous metallurgy in 1966, and tasks of the Scientific Technological Society of Ferrous Metallurgy, V.V. L'ampitskii, Stal' 26 no. 1 284-292 Ap '66

IRON AND STEEL PLANTS—PRODUCTION STANDARDS

Social bureaus of technical standardization and labor organization V.F. Chernyi, V.P. Malik, Metallurg 11 no. 4 37 Ap '66.

IRON AND STEEL WORKERS see subdivision under Byansk**IRON-BORON ALLOYS—ELECTROMETALLURGY**

Certain peculiarities in smelting high-purity ferroboron I.S. Kurnysh, Stal' 26 no. 4 331-332 Ap '66

IRON CHROMATES

Structure of solid solutions of magnetite in ferrochromite, I.A. Novokhatskii, R.L. Geishman, A.A. Savinskala, Izv. AN SSSR, Met. no. 2 27-30 M-Ap '66

IRON-CHROMIUM ALLOYS—METALLOGRAPHY

Sulfur distribution between phases of carbon ferrochromium, M.Sh. Kats, G.D. Mazaletskii, Izv. AN SSSR, Met. no. 2 316-319 M-Ap '66.

IRON-COBALT ALLOYS—MAGNETIC PROPERTIES

Studying the magnetic properties and hardness of iron-cobalt alloys G.V. Pshechenkova, A.D. Skokov, Fiz. met. i metalloved. 21 no. 3 339-345 M '66

IRON-COBALT ALLOYS—METALLOGRAPHY

Effect of manganese and silicon on the transformation of supercooled austenite in cobalt steel, V.IA. Subov, L.F. Popova, V.R. Baranz, Izv. vyz. ucheb. zav., Chern. met. 9 no. 4 128-132 '66

IRON COMPOUNDS

Complex formation of iron (III) with phosphorous acid, V.M. Masalovich, P.K. Agaslan, E.R. Nikolaeva, Zhur. neorg. khim. 11 no. 2 272-277 F '66.

Values of quadrupole splitting in the Mössbauer spectra of iron compounds V.I. Baranovskii, Zhur. strukt. khim. 7 no. 1 141-143 Ja-F '66.

IRON FOUNDDING

Shot-blasting ejector guns, A.S. Pichko, Lit. prozv. no. 3 16-18 Mr '66.

IRON FOUNDDING—DEFECTS

Correcting defects in important iron castings by welding, P.I. Shorin, Svar. prozv. no. 2 39-39 F '66.

IRON FOUNDDING—EQUIPMENT AND SUPPLIES

Development of equipment for injecting powdered lime into liquid cast iron, N.A. Voronova and others, Met. i gornoucl. prom. no. 2 83-85 M-Ap '66.

IRON HYDROXIDES

Interaction of humic acids with iron and aluminum hydroxides, G.A. Levashkevich, Pochvovedenie no. 4 50-55 Ap '66.

Thermal decomposition of amorphous iron hydroxide, T.P. Karetova, V.V. Syrdyau, Vest. AN BSSR, Ser. khim. nav. no. 4 17-25 '65.

Thermal decomposition of coprecipitated nickel and iron hydroxides, G.I. Taraskovskala, V.V. Syrdov, Vest. AN BSSR, Ser. khim. nav. no. 4 108-111 '65.

IRON IN THE BODY

Ferronic reactions in iron deficiency anemia, N.V. Patrino, Pat. izob. i eksp. torap. 10 no. 1 72-73 Ja-F '66.

IRON INDUSTRY see subdivision under Kuznetsk Basin**IRON INDUSTRY—COSTS** see subdivision under Aktyubinsk**IRON INDUSTRY—MANAGEMENT** see subdivision under Aktyubinsk**IRON MINES AND MINING** see subdivision under Kazakhstan; Krivoy Rog Basin; Novokuznetsk**IRON MINES AND MINING—COSTS** see subdivision under Krivoy Rog Basin**IRON MINES AND MINING—MANAGEMENT**

Reducing the working thickness and depletion by economic incentives to miners D.R. Rinchino and others, Gor. zhur. no. 4 35-37 Ap '66.

IRON-NICKEL ALLOYS—ELECTRIC PROPERTIES

Mass transfer in two iron-nickel alloys, I.M. Frantsevych and others, Dop. AN URSS no. 3 349 351 '66.

IRON-NICKEL ALLOYS—METALLOGRAPHY

Aging of the martensite in Fe-Ni-Mn steel V.M. Kardonskii, M.D. Perkas, Metalloved. i term. obr. met. no. 4 7-10 Ap '66

IRON-NICKEL ALLOYS—SPECTRA

X-ray spectroscopy of Fe-Ni alloys A.Z. Men'shikov and others, Fiz. met. i metalloved. 21 no. 3 374-378 Mr '66

IRON-NICKEL-CHROMIUM ALLOYS see Nickel-iron-chromium alloys**IRON-NIOBIUM ALLOYS—METALLOGRAPHY**

X-ray investigation of alloys of the system Nb-Fe and the determination of certain thermodynamic properties of NbFe₂ compounds, V.N. Diobyshev, T.N. Resutkina, Izv. AN SSSR, Met. no. 2 156-162 M-Ap '66.

IRON ORES

(see also subdivision under Keich Peninsula, Keich region, Krivoy Rog Basin; Kursk Magnetic Anomaly)

Extraction of metal concentrates from lean iron ores in a suspension ore-coal-flux bed G.V. Gubin, V.P. Bushuev, L.I. Zharko, Met. i gornoucl. prom. no. 2 77-79 Mr-Ap '66.

Using the still residues of higher aliphatic alcohols as a collector and component of the collecting mixture during the flotation of iron oxides, F.N. Belash, O.V. Pugina, Izv. vyz. ucheb. zav. gor. zhur. 9 no. 2 154-159 '66.

IRON ORES—ANALYSIS

(see also subdivision under Krivoy Rog Basin)

Analysis of iron ore on the conveyor using the radiometric method, G.A. Gligor'ev and others, Zav. lab. 31 no. 5 579-581 '65

Ponomarev, A.I. [Methods of chemical analysis of iron, titanium-magnetite and chromium ores] Metody khimicheskogo analiza zheleznykh, titanomagnitnykh i khromovykh rud, Moskva, Nauka, 1966, 405 p.

IRON OXIDES

Electrochemical reduction of ferric oxide in electrodes of alkaline storage batteries N.A. Vozhova, L.L. Kur'man, Zhur. prikl. khim. 39 no. 3 573-576 M '66

Kinetics of the reduction by carbon of iron oxides from molten high-manganese slag G.N. Oks, TS V. Rashev, Shor. Inst. stali i splav. no. 4 141-150 '66

Mechanism of low-temperature reduction of iron oxides by hydrogen, K.G. Klomakov, A.I. Pavlova-Verevina, Zhur. fiz. khim. 10 no. 4 826-830 Ap '66.

Reaction kinetics of ammonium persulfate with ferrous oxide, S.A. Balabanova, A.M. Markevich, Zhur. fiz. khim. 40 no. 4 775-780 Ap '66

Trivalent iron germanates, M.A. Menkovskii and others, Zhur. neorg. khim. 11 no. 2 430-431 F '66.

IRON PYROPHOSPHATES

Solubility of iron (III) pyrophosphate, V.A. Leontsin, S.D. Grekov, Zhur. neorg. khim. 11 no. 2 278-281 F '66.

IRON SALTS

Determination of bi and trivalent iron in oxalate solutions, P.M. Aron, E.V. Prytkova, Zav. lab. 31 no. 5 553 '65

IRON-SILICON-ALUMINUM ALLOYS—ELECTRIC PROPERTIES

Temperature dependence of the Hall effect and electric resistance in "Scandia" type Fe-Si-Al alloys, A.V. Chernomushkin, I.U. N. Arkhipov, Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2 93-96 '66

IRON-VANADIUM ALLOYS—METALLOGRAPHY

Carbides in the ternary system Fe-V-C, I.U. V. Grdina, I.D. Lykhin, T.F. Fedorov, Izv. vyz. ucheb. zav., Chern. met. 9 no. 4 124-127 '66.

IRRIGATION

(see also subdivision under Syr Darya Province, Ukraine)

Decision of the session, Vest. sel'khoz. nauk 10 no. 3: 47-49 Mr '65.

Preventing the salinization of irrigated lands and measures for its control, S.F. Aver'yanov, Vest. sel'khoz. nauk 10 no. 3 35-38 Mr '65.

IRRIGATION—CONGRESSES

Regional conference on the use of local runoff for basin snow water irrigation, V.S. Dmitriev, Vest. sel'khoz. nauk 10 no. 3 144-146 Mr '65.

IRRIGATION—EQUIPMENT AND SUPPLIES

Machines for irrigation, B.K. Dushinskii, Trakt. i sel'khoz. mash. no. 4 26-28 Ap '66.

IRRIGATION—FINANCE see subdivision under Soviet Central Asia; Uzbekistan**IRRIGATION CANALS AND FLUMES—DESIGN AND CONSTRUCTION**

Practices in the overall mechanization of the construction of irrigation networks, A.P. Timofeev, Gid. i mel. 18 no. 4 41-45 Ap '66.

IRRIGATION CANALS AND FLUMES—LININGS

Overall mechanization of lining operations in irrigation construction. D. Dzhalielchbaev and others. *Gidrotmel* 10 no. 1:37-41 Apr '66

IRRIGATION CANALS AND FLUMES—SEEPAGE

Seepage from canals and soil permeability. S. A. Gushkan. *Izv. Vuzov, Tekhn. nauch.*

IRRIGATION EQUIPMENT see subdivision under Caucasus, Northern, Dnieperin Steppe, Golomaya Steppe, Russia, Southern, Ukraine

IRYSHSK DISTRICT—NONFERROUS METAL INDUSTRIES—MANAGEMENT

There is a need for special departments of scientific labor organization. H. Stepanov, Nar. Khoz. Kazakh, 21 no. 147-51 Jan '66

IRYSHSKOYE (KAZAKHSTAN)—METALLURGICAL PLANTS—MANAGEMENT

Scientific management and the collective. I. U. Sviadoshch. *Izv. Vuzov, Tekhn. nauch.* 24 no. 3:65-68 Mar '66

ISOMDOLINE

Hydroxyisodolines. Part 4: Synthesis and properties of 3,3-dimethyl-2-phenyl-1-p-anisyl-1-hydroxyisodoline. I. A. Pavlov, S. V. Latovlev. *Zhur. org. khim.* 2 no. 2:317-371 Mar '66

ISOMERIZATION

Chromatographic analysis of the reaction products of propylene with isomerization. S. G. Shagina and others. *Zhur. khim.* 31 no. 5:533 '65

Conversions of dicyclohexyl and dicyclohexylmethane in the process of catalytic reforming on a Co-alumina catalyst. N. I. Shuklin, I. I. Voznesenskaya, *Neftekhimia* 6 no. 1:145-149 Jan-F '66

Effect of sulfur on the activity of a platinum catalyst in the process of isomerization of n-pentane. N. R. Bui, *zhur. khim.* 39 no. 1:56-60 Mar '66

Isonitric conversions of dicyclohexyl on alumina-alicates. M. B. Terlanov, V. I. Bogomolov, E. M. Fatkulina. *Neftekhimia* 5 no. 2:195-203 Mar-Apr '65

Isomerization of 5-cyclohexyl-, 5-(2'-methylcyclohexyl)-, and 5-(4'-methylcyclohexyl)-3-methyl-1-pentyn-3-ols. G. K. Karavankova, G. P. Kugatova-Shemakina, *Zhur. org. khim.* 2 no. 2:197-201 Mar '66

Photocatalytic isomerization of alkylhydrazones as a method of synthesizing azo compounds. B. V. Ioffe, Z. I. Gergel, V. S. Stetski. *Dokl. AN SSSR* 167 no. 4:831-834 Apr '66

Study of platinum catalysts for the isomerization of paraffinic hydrocarbons. G. N. Makhanskii, N. R. Bui, *zhur. khim.* 39 no. 2:650-656 Mar '66

ISOMERS

Isomer shifts on Sn^{119} nuclei in electron compounds of the system copper-tin. V. V. Chukan, V. G. Nymov, *Zhur. eksp. i teor. fiz.* 50 no. 3:534-538 Mar '66

Separation of racemic D, L-alanine into optical antipodes as their diastereoisomeric derivatives with L-cystine. V. K. Burichenko, I. T. Poroshin, S. B. Davidiants, *Dokl. AN Tadzh SSR* 9 no. 3:21-25 '66

ISOMERS—SPECTRA

Spectroscopic determination of vinylalcohol isomers through ethylalcohol isomers. I. A. Shmul'kovskii, O. M. Oranskaya. *Zhur. prikl. spekt.* 4 no. 3:230-282 Mar '66

ISOMORPHISM (CRYSTALLOGRAPHY)

(see also subdivision under Lovozero Tundra)
Crystalchemical criteria of isomorphism in essentially covalent compounds as revealed by a study of apatite. E. F. Mintser. *Geokhimiya* no. 4:340-347 Apr '64

ISONICOTINIC ACID

Effect of aldehydes and ketones on enzymatic decomposition of isonicotinic acid hydrazide. L. I. Grebennik, *Farm. i toks.* 28 no. 4:471-475 Jan-Apr '65

Quantitative determination of isonicotinic acid derivatives by means of the nitritometric method using an inside indicator. V. A. Zadyrak, N. V. Kurinna, *Farmatsev. zhur.* 19 no. 3:66-69 '64

ISOPERMETRICAL PROBLEMS see Calculus of variations

ISOPRENE

Effect of various metallic oxides on the oxidative dehydrogenation of isoprenane to isoprene involving iodine. I. A. Turlaev and others, *Neftekhimia* 6 no. 1:71-74 Jan-F '66

Identification of some by-products of the industrial synthesis of isoprene. S. P. Evdokimova, M. S. Nemtsov, N. A. Isakova, *Neftekhimia* 6 no. 1:75-79 Jan-F '66

Quantitative determination of isoprene dimers in dimethylformamide by infrared spectroscopy. N. M. Pashchenko and others. *Zav. lab.* 31 no. 6:683-684 '65

Some prerequisites of the liberation of the diene C_5H_8 by poplar leaves. G. A. Smad'ev, A. I. Kuzanov. *Fiziol. rast.* 13 no. 2:201-207 Mar-Apr '66

Synthesis of isoprene from propylene. Isomerizing action of HBr in cracking of olefins. B. A. Gilegovich, S. V. Lutsenko, I. A. Turlaev. *Neftekhimia* 6 no. 1:67-70 Jan-F '66

ISOPROPYL ALCOHOL

Oxidation of isopropyl alcohol by cobalt (III) acetylacetonate. V. M. Soltanov, E. T. Denisov, *Neftekhimia* 6 no. 1:97-100 Jan-F '66

Oxidation of isopropyl alcohol in various solvents. V. M. Soltanov, E. T. Denisov. *Neftekhimia* 5 no. 2:230-233 Mar-Apr '65

ISOQUINOLINE—PHYSIOLOGICAL EFFECT

Effect of isohydrocypiridine noshpa on experimentally induced coronary insufficiency. I. Kenedi, G. David, V. Faber. *Farm. i toks.* 28 no. 1:133-134 Jan-Apr '65

ISOTHIOCYANATES

Diene synthesis with acetyl- and benzoyl isothiocyanates. B. A. Abuzov, N. N. Zhebova. *Dokl. AN SSSR* 167 no. 1:815-818 Apr '66

ISOTOPE EXCHANGE

Mobility of hydrogen in methyl groups of ethers of benzenes and polymethylbenzenes. A. I. Shatenshieln and others. *Zhur. obshch. khim.* 36 no. 4:627-634 Apr '66

ISOTOPE SEPARATION

Mass-separation unit with crossed magnetic and electric fields for producing pure ($>99\%$) compact isotopes of heavy elements. M. I. Dmitruk and others. *Fiz. i tekhn. elektr.* 2 no. 2:47-70 '65

ISOTOPES

Calculating the precision and response of the mass spectral method of isotope dilution. I. U. M. Miller. *Trudy IREA* no. 27:269-275 '65

Isotopic shift of μ -mesonic atoms. M. A. Mikutinskii, V. M. Osadchiv. *Iad. fiz.* 3 no. 1:638-642 Apr '66

ISOTOPES—INDUSTRIAL APPLICATIONS

Isotopes in the textile industry and iron and steel metallurgy. D. Kokoshkin, K. Bruskova, *Inform. biul. VDNKI* no. 3:32-34 Mar '66

ISOXAZOLIDINONE

Colorimetric method of determining cycloserine. V. D. Kartseva, B. P. Buins, *Antibiotiki* 10 no. 1:305-307 Apr '65

ISOXAZOLINE

General method of synthesizing 3-nitroisoxazolines. V. A. Tartakovsky and others. *Dokl. AN SSSR* 167 no. 1:844-847 Apr '66

ISRAEL—FOREIGN RELATIONS—GERMANY, WEST

Israeli conversations with Adenauer. O. Aksanov. *Nov. vrem.* 23 no. 20:21 May '66

ITALY—FOREIGN RELATIONS—RUSSIA

Italy: A. A. Gromyko in Rome. V. Belozhkov. *Nov. vrem.* 23 no. 18:16 May '66

ITALY—INVESTMENTS, FOREIGN

In the clutches of foreign monopolies. K. Pudina. *Mir. ekon. i mezhdunar. otn.* no. 5:100-102 '66

ITALY—RESEARCH

In the clutches of foreign monopolies. K. Pudina. *Mir. ekon. i mezhdunar. otn.* no. 5:100-102 '66

ITALY—SOCIALIST PARTY

The Italian Socialist Party reasons for evolution to the right. K. Kholodkovskii, *Mir. ekon. i mezhdunar. otn.* no. 5:128-138 '66

IUNTUNEN, S. KU. KHIEKKIEVICH, 1915-

Iuntunen, S. Ku. [S. Iuntunen; an album] S. Iuntunen, [ai'bom, Petrozavodsk, Karelskoe knizhnoe izd-vo, 1955] 1 v. (chiefly illus.)

IUR'EV, IURII KONSTANTINOVICH, 1896-1965

Iurii Konstantinovich Iur'ev; an obituary. Vest. Mosk. on Ser. 2: Khim. 21 no. 1:118-120 Jan-F '66

IVAN IV, The Terrible, 1530-1584

A popular and compendious book on science. V. mire knig. 6 no. 3:11-12 Mar '66

IVANO-FRANKOVSK PROVINCE—PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

On the right trail. N. Alterov. *Pozh. delo* no. 11:12 N '65

IVANOVO—INSURANCE, SOCIAL

The whole city knows them. A. Nazarov. *Sots. obesp.* 41 no. 3:20-21 Mar '68

IVANOVO PROVINCE—FIRES AS CARRIERS OF DISEASE

Study of synanthropic fires in closed habitats. A. M. Loharov. *Med. parazit. parazit. bol.* 35 no. 1:55-60 Jan-F '66

IVANOVO PROVINCE—SAVINGS BANKS

Ivanovo (Province). *Upravlenie gosudarstvennykh i udovolykheniy kass i gosudarstvennoy kredita*, [Institutions of good humor] *Uchebno-issledovatel'skoye nauchnoye izdanie*, 1965, 22 p. [MICROFILM]

IVORY COAST—AGRICULTURAL POLICY

In the interest of local bourgeoisie. A. Anatol'ev. *Mir. ekon. i mezhdunar. otn.* no. 5:102-104 '66

IVORY COAST—COMMERCE

In the interest of local bourgeoisie. A. Anatol'ev. *Mir. ekon. i mezhdunar. otn.* no. 5:102-104 '66

IZHAEVYCH, IVAN SYDOROVYCH, 1861-1902

Historical topics in works of I. S. Izhakovych; on his 100th birth anniversary. Z. V. Lashkul, *Ukr. int. zhur.* 8 no. 1:127-128 '64

IZIEVSK—STEEL INDUSTRY

Man and metal. Ed. E. I. Iashchev. *Mol. komm.* no. 6:16-22 Je '64

JADE see subdivision under Siberia

JAPAN—BOILERS

Metal and welding in thermal power systems in Japan. A. Z. Kontorovskii. *Toplenergetika* 13 no. 4:85-88 Apr '66

JAPAN—FLOWER ARRANGEMENT

Ikchana. A. Kolomiets. *A. i Afr. oeg.* 9 no. 5:15-17 Apr '66

JAPAN—HARDONS

Leningrad. *Tsentralfil'm i nauchno-issledovatel'skii institut morskogo flota*, [Regulations, customs and practices of Japanese sea ports] *Pravila, obychnyi i praktika morskikh portov Iaponii* Leningrad, Morskoi transport, Pt. 1, 1963, 80 p. (Iz informatsionnykh sbornikov, no. 93. Uslovia kommerseskol'eksploataatsii morskogo flota v zagranichnom plavanii, no. 10)

JAPAN—HYDROFOIL BOATS

Hydrofoil catamaran built in Japan. *Sudostroenie* 30 no. 1:55-58 Apr '61

JAPAN—METEOROLOGY, AGRICULTURAL

Recent agrometeorological researches in Japan. I. U. L. Ramon. *Izv. AN SSSR, Ser. geog.* no. 2:114-120 Mar-Apr '66

JAPAN—RICE (IN RELIGION, FOLKLORE, ETC.)

The Tani-hayashi rite and the work rhythms of the Japanese rice workers. R. I. Uchida. *Sov. etn.* no. 2:120-131 Mar-Apr '66

JAPAN—STEAMPIPES—WELDING

Metal and welding in thermal power systems in Japan. A. Z. Kontorovskii. *Toplenergetika* 13 no. 4:85-88 Apr '66

JAPAN—STRIKES AND LOCKOUTS

Japan: Strikes. E. Vorob'ev. *Nov. vrem.* 23 no. 10:18 May '66

JASNY, NAUM, 1883-

Armbuster, V. G. [Naum Mikhailovich Iasny; on his 80th birthday] Naum Mikhailovich Iasny; k 80-letitiu so dnia rozhdeniya. Munich, 1963. 40 p. (Institut zur Erforschung der UdSSR, Issledovaniya i materialy, ser. 1, no. 69)

JAVA—SOCIAL CONDITIONS

Death of a coolie. V. Ostrovskii. *A. i Afr. oeg.* 9 no. 5:56-57 May '66

JAWS—FRACTURE

Fractures of jaws and lesions of the soft facial tissues according to materials of the stomatological ward of the Volgograd Province Clinical Hospital for 10 years (1932-1961). *Vop. travm.* no. 2:115-150 '63

Metal and polymer osteosynthesis in the treatment of jaw fractures caused by firearms. V. I. Luk'ianenko, *Voen.-med. zhur.* no. 3:19-22 Mar '66

JERSEY CATTLE

Beef productivity of Jersey hybrids. S. S. Vasil'chanka, *Vest. AN BSSR, Ser. sel'skosp. nauch.* no. 4:100-102 '65

JET BORING

Evaluation of the possibility of the jet boring of rocks by borehole mud drilling. S. A. Brylov, A. P. Soloznev. *Izv. vyz. ucheb. zav.; geol. i razv.* 9 no. 4:121-124 Apr '65

JET BORING (Continued)

Influence of certain technological parameters of thermal processing on the efficiency of boring machines. A. P. Sukhanov, A. P. Dmitriyev, N. M. Tregubov, Izv. vys. ucheb. zav., gor. zhur. 9 no. 2, 72-78 '66.

Influence of the nozzle arrangement of a flame-jet boring machine on the efficiency of boring. A. V. Lagupov, M. I. Vokilil, Izv. vys. ucheb. zav., gor. zhur. 9 no. 2, 64-71 '66.

JET PLANES

Engines of supersonic transport airplanes. A. Ponomarev, Av. kosm. no. 3, 82-87 My '66.

Performance of a supersonic air intake duct in flight. V. Lutsikh, I. Galashev, Av. kosm. no. 5, 58-61 My '66.

JET PLANES—ENGINES

The new in the old. N. Chukunov, Izv. zhur. av. 23 no. 5, 26-29 My '66.

JET PLANES—FUEL

Evaluating the thermal stability of jet fuels. V. N. Zhelev, Neftoper. i naft. him., no. 10, 11-14 '65.

Preparation of tank cars in flushing and steam-cleaning stations to be filled with jet propulsion fuel. A. G. Zaitsev, A. I. Stekhanov, Tr. univ. i khim. naft. i nefteprod. no. 9, 18-21 '65.

Zalog, B. D., ed. [Methods for evaluating the operating characteristics of jet-propulsion fuels and lubricants] Metody otsenki ekspluatatsionnykh svoystv reaktivnykh topliv i smazochnykh materiyalov, sbornik statei Moskva, Mashinostroyeniye, 1966. 132 p.

JET STREAM

Method of vertical wind profiles as a means of analyzing jet streams. M. V. Burkova, V. A. Dzhordzhio, Nauch. trudy TashGU no. 259, Fiz. nauk. no. 23, 29-51 '64.

Structural characteristics of the tropopause in the zone of the jet stream. I. L. Tyel'akov, Vest. Mosk. un. Ser. 5, Geog. 21 no. 2, 39-48 Mr-Apr '66.

Suggestion on a multi route system of airplane flights utilizing jet streams. M. V. Burkova and others, Nauch. trudy TashGU no. 259, Fiz. nauk. no. 23, 180-186 '64.

Vertical wind shears in the extremely strong jet streams over the south of the U.S.S.R., P. Z. Levina, Nauch. trudy TashGU no. 259, Fiz. nauk. no. 23, 60-75 '64.

JET STREAM—CLASSIFICATION

Classification of jet streams over the south of the U.S.S.R., V. A. Dzhordzhio, Nauch. trudy TashGU no. 259, Fiz. nauk. no. 23, 11-27 '64.

JETS—FLUID DYNAMICS

Analysis of a turbulent submerged jet of real gas. G. N. Abramovich and others, Izv. AN SSSR, Mekh. i hidr. gaz. no. 1, 154-158 Ja-F '66.

Asymmetric jet emerging from a nozzle at a pressure below that in the surrounding medium. E. A. Ashratov, Izv. AN SSSR, Mekh. i hidr. gaz. no. 1, 156-161 Ja-F '66.

Equilibrium outflow of a mixture of an ideal gas and condensing steam from a nozzle. V. D. Venediktov, Izv. zhur. av. 10 no. 2, 180-196 F '66.

Fundamentals of the jet theory applied to jet systems for surface preparation. E. V. Zhukovskiy, V. N. Nastepkin, Lakokras. i tekhn. prikl. no. 2, 37-41 '66.

Simulation of a jet screen. D. S. Tsel'nik, Izv. N. SSSR, Mekh. i hidr. gaz. no. 1, 96-100 Ja-F '66.

Turbulent jet in a downwash flow. T. A. Gershovich, Izv. AN SSSR, Mekh. i hidr. gaz. no. 1, 151-153 Ja-F '66.

JETS—TESTING

Screw-type atomizer. N. N. Gavrilova, V. F. Maksimov, Trudy LTITSDP no. 18, 90-102 '65.

JIGS AND FIXTURES

Pneumatic jig with an automatic ejector. M. T. Valakh, Mashinostroyeniye no. 1, 21 Ap '66.

JIRI Z PODEBRAD, King of Bohemia, 1420-1471

The 600th anniversary of Jiri z Poděbrad's project of an organization for peace and security. N. M. Ushakov, Ukr. ist. zhur. 9 no. 2, 158 F '65.

JOINTS—DISEASES

Prevention of arthritis in herd bulls. M. F. Volkoboi, D. E. Savoluk, A. S. Lisovenko, Veterinariya 42 no. 3, 73-74 Mr '66.

JOINTS (ENGINEERING)

Anticorrosion protection of metal joints. I. U. Emborsov, V. Ivashko, I. Ilromov, Bud. mat. i konstr. 7 no. 4, 26-29 Ji-Ap '65.

Berthing of flat welded overlapping joints. B. B. Zolotarev, V. M. Sagalovich, Mat. po mot. konstr. no. 10, 70-81 '65.

Characteristics of the manufacture of apparatus from two-layer metals. A. D. Domashnev, Khim. i nef. mashinost. no. 4, 7-10 Ap '66.

Concreteing the butt joints of precast elements during the winter. L. K. Berezhniuk, Mont. i spets. rab. v stroit. 25 no. 12, 15-16 D '63.

Distribution of stresses in the joints of walls of large-panel buildings during the action of vertical loads and contraction deformations. S. N. Klepikov, Stroitel. konstr. no. 3, 63-75 '65.

Heat treatment of connected joints of panels by infrared rays. V. Boshakov and others, Zhil. stroit. no. 1, 17-18 '65.

Mosolov, A. S. [Calculation of the joints of structural components of airplanes; a manual on the course "Theory of structures and stress analysis of airplanes"] Raschet soedineniy elementov konstruktsii samoleta, uchebnoe posobie po kursu "Stroitel'naya mekhanika i raschet samoleta na prochnost'", Kulyshev, Kulyshevskiy aviatsonnyy in-t, 1964. 31 p. [MICROFILM]

New advanced joint formation. A. Matvedenskiy, L. Livitskiy, A. Petrov, Stroitel. i khim. Mosk. 15 no. 4, 6-9 Ap '66.

Strength of welded joints of cast iron and of cast iron with steel. P. S. Elshatov, Stroi. i instr. 37 no. 4, 40 Ap '66.

Study of welded overlapping joints of elements of thermally hardened aluminum alloys of the system Al - Mg - Si. A. G. Immeiman, D. A. Baillin, Mat. po mashinost. no. 10, 101-116 '65.

JOINTS (ENGINEERING)—DEFECTS

Removing cracks at the root of girth joints. V. I. Novikov, V. A. Kovtunen, Avtom. svaz. 19 no. 3, 57-60 Mr '65.

JOINTS (ENGINEERING)—TESTING

Detecting lightness defects in closed metal structures. B. M. Shilaposhnikov, V. F. Sokolov, Defektoskopiya 2 no. 1, 62-72 '66.

Instructions for determining the quality of the joints of large-panel buildings. I. U. Kanbe, Zhil. stroit. no. 4, 7-9 '65.

Microexamination of weldments obtained by diffusion welding in vacuum. S. E. Ushakov, B. N. Zaslavskiy, I. I. Kolesova, Avtom. svaz. 19 no. 3, 77 Mr '66.

Nondestructive methods of testing welded joints. I. N. Ermolov, V. G. Shcherbinskiy, Svar. prozv. no. 2, 16-19 F '66.

Prevent the fracture of welded joints in austenitic steel vessels. N. A. Izumskiy, R. O. Rein, Bezop. i buda v prom. 7 no. 11, 16 N '63.

Properties of the weld metal and of the heat-affected zone following the electric arc welding of 16Kh2MF steel. I. U. V. Sitapov, V. S. Sizov, I. F. Trofimov, Svar. prozv. no. 2, 27-29 F '66.

Strength and plasticity of joints made by automatic argon-arc welding of VT14 and VT6C titanium alloys. F. R. Kulikov, A. S. Persidskiy, N. G. Frolov, Svar. prozv. no. 2, 21-24 F '66.

Strength of air-welded double-T joints in St-3 steel. N. E. Naumchenkov, Svar. prozv. no. 2, 5-7 F '66.

Stressed state and the deformation of hard materials in welded joints with hard and mild interlayers. O. A. Babash, A. I. Shatov, Svar. prozv. no. 5, 7-10 My '66.

Structure and properties of welded joints in high-strength titanium alloys. A. I. Khorev, A. A. Grudova, Metalloved. i term. obr. met. no. 6, 30-37 Je '65.

Thermal treatment of the welds in two-phase titanium alloys. V. F. Grabin, S. M. Gurovich, Metalloved. i term. obr. met. no. 6, 30-43 Je '65.

JOINTS (GEOLOGY)

Studying the process of reflection and refraction of elastic waves in a single fracture. K. D. Klem-Masatov, Fiz. tekhn. prikl. razrab. pol. i tekhn. no. 6, 45-57 '65.

Various scales of planetary jointing. S. S. Shul'ga, Geotektonika no. 2, 36-42 Mr-Apr '66.

JOURNALISM

Akademika nauk SSSR, Institut mirovoy literatury, [Outline history of Soviet Russian journalism, 1917-1932] Ocherki istorii russkoi sovetskoi zhurnalistiki, 1917-1932, Moskva, Nauka, 1966. 508 p.

Letters to the editor. Sov. pech. no. 11, 50-52 N '64.

JOURNALISM, TECHNICAL see subdivision under Ural Mountain region; Zaporozhye Province

JOURNALISTIC PHOTOGRAPHY see Photography, Journalistic

JOURNALISTS see subdivision under Europe

JOURNALISTS—CORRESPONDENCE, REMINISCENCES, ETC. A publicist returns to the lineup. I. U. Sharapov, Nov. mir. 42 no. 1, 263-265 Ja '64.

JOURNALISTS, ENGLISH

An English tree in a Russian forest. James Aldridge, Sov. pech. no. 11, 36-57 N '64.

JUDGES

(see also subdivision under Al'met'evsk, Tatar A S S R) Decision No. 10 of the Plenum of the Supreme Court of the U.S.S.R. of December 20, 1963, entitled "Summarizing the elections of people's judges." Bliz. Verkh. Sud. no. 1, 11-12 '66.

JUGULAR VEIN—DISEASES

Incidence of congenital phlebectasia of the inferior jugular vein simulating a lateral cyst of the neck. E. M. Borovyi, Khirurgiya. 2 no. 1, 118-119 Ap '66.

JUGULAR VEIN—WOUNDS AND INJURIES

Case of lesion of the jugular vein through the external acoustic duct. V. N. Loginova, Vopr. itavn. no. 2, 180-190 '63.

JUJUDE (PLANT) see subdivision under Tajikistan

JUMPING

Nikolayev, I. U. K. [Complicated acrobatic jumps] Slozhnye akrobatskie прыжки. Moskva, Fizkul'tura i sport, 1966. 127 p.

JUNCTION TRANSISTORS

Effect of impurities on the dependence of the temperature of a superconducting junction of thallium on pressure. P. I. B. G. Lazarev and others, Zhur. eksp. i teor. fiz. 50 no. 3, 540-550 Mr '66.

Some properties of CdS - CdSe heterojunctions. I. E. O. Muzalovskiy and others, Ukr. fiz. zhur. 11 no. 4, 436-437 Ap '66.

JUNIPER see subdivision under Soviet Central Asia

JUSTICE, ADMINISTRATION OF

Communique on the ordinary Plenum of the Supreme Court of the U.S.S.R. Bliz. Verkh. Sud. no. 3-3, 6 '65.

Communique on the Plenum of the Supreme Court of the U.S.S.R. Bliz. Verkh. Sud. no. 1, 8-10 '66.

Elections of people's judges are an important step in further strengthening of the administration of justice. Bliz. Verkh. Sud. no. 1, 3-7 '66.

For the "Leningrad style" of work. Itad. prav. 29 no. 4, 7-11 Ap '66.

JUVENILE CHORAL SINGING see Choral singing, Juvenile

KABALA REGION (AZERBAIJAN)—FUNERAL RITES AND CEREMONIES

Ancient funeral rites in the Kabala region. S. M. Kazlov, Mat. kul't. Azerb. 6, 235-251 '65.

KABARDINO-BALKAR A.S.S.R.—CORN (MAIZE)—FERTILIZERS AND MANURES

Rates and methods for the placement of fertilizers for corn. V. V. Ageev, Zemledelie 20 no. 11, 74-76 N '64.

KACHANOVKA OIL FIELD—PETROLEUM GEOLOGY

Geology and preliminary operations in the development of Lower Carboniferous producing sediments in the Kachanovka oil field. N. K. Pavlenkov, M. N. Sidorenko, I. N. Sinogovskiy, Neft. i gaz. prom. no. 1, 9-12 Ja-F '66.

KADIKIS, IVAPS

Champion of the Republic. V. Anic, Kryl. rod. 17 no. 5, 7 My '66.

KADZHARAN REGION (ARMENIA)—ORE DRESSING

Dressing as a stage of preliminary dressing of copper and molybdenum ores of the Kadzharan deposits. S. Vrtanesian, Prom. Arm. 9 no. 1, 57-60 Ja '66.

KAFAROV, PALLADI, Archimandrite, 1817-1878

Palladi Kafarov's last diaries; new historical materials on the archaeology of the Russian Far East. V. E. Larichev, Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1, 114-122 '66.

KAISER, HENRY, 1882-

The "Kaiser Plan" as a new tool for the exploitation of workers by the monopolistic bourgeoisie of the U.S.A. A. S. Kondrashko, Uch. zap. kaf. polit. ekon. no. 6, 100-110 '65.

KAKHETIA—ARCHAEOLOGY

Plekhetauri, K. N. [Ancient culture of the tribes inhabiting the territory of the Lori-Alazani basin; based on the archaeological materials of the preclassical period] Drovniata kul'tura plemen, naselivavshikh territoriiu Lori-Alazanskogo basseina, po arkheologicheskim materialam doantichnogo vremeni. Tbilisi, Metsnereba, 1965. 147 p. illus. [In Georgian]

KALACH DISTRICT (VORONEZH PROVINCE)—GRAIN

Indices of the dynamics of the gross yield of total grain crops. V. Kaaburin, Nauch. dokl. vys. shkoly, ekon. nauki 9 no. 2, 78-85 '66.

KARAGANDA BASIN—MINE VENTILATION—COLD WEATHER CONDITIONS

Effect of fence in automating heaters without fans in the Karaganda Basin. N. I. Artyukov, V. N. Shukhin, L. D. Varganova, Ugol' 11 no. 1:34-38 Ap '66.

KARAGANDA BASIN—SHAFT SINKING

Shaft sinking could be speeded up. B. Zubkov, L. Gulyarov, Nar. khoz. Kazakh. 23 no. 2:31-35 Ja '65.

KARAGANDA BASIN—STOPING (MINING)—EQUIPMENT AND SUPPLIES

Efficiency of mechanized stoping units. Zh. Vaitkha, O. Kim, Nar. khoz. Kazakh. 24 no. 1:70-81 Ja '66.

KARAGANDA BASIN—STOPING (MINING)—TECHNOLOGICAL INNOVATIONS

Without men in the stop. O. Kim, G. Stepanenko, Nar. khoz. Kazakh. 23 no. 2:60-62 Ja '65.

KARAGANDA PROVINCE—ELECTRIC POWER

Channels of losses and sources of economy. I. Zaypkin, Nar. khoz. Kazakh. 21 no. 3:37-49 Mi '66.

KARAGANDA PROVINCE—ORE DRESSING

From losses to profits. A. Neb, A. Zub, Nar. khoz. Kazakh. 24 no. 3:53-55 Mi '66.

KARAKUL SHEEP see subdivision under Uzbekistan

KARAMAZAR MOUNTAINS—EARTH TEMPERATURE

Determination of the formation temperatures of minerals using the method of decrepitation in the Zambaiak deposit. B. I. Malyshov, V. B. Naumov, G. I. Panov, Geokhimiya no. 4:357-361 Ap '61.

KARAMAZAR MOUNTAINS—MINERALS

Determination of the formation temperatures of minerals using the method of decrepitation in the Zambaiak deposit. B. I. Malyshov, V. B. Naumov, G. I. Panov, Geokhimiya no. 4:357-361 Ap '61.

KARAMAZAR MOUNTAINS—ORE DEPOSITS

Results of the study of the composition of gases in minerals from the Karamazar ore zone deposits in the Karamazar Mountains. M. M. Elinson, V. D. Sazonov, Izv. vys. ucheb. zav., geol. i razv. 9 no. 4:48-53 Ap '66.

KARATAU—PHOSPHORITES

Decarbonization coating of Karatau phosphorites by a gas heat carrier on a fire grate. A. V. Smorodnikov, V. A. Shamurin, Z. A. Ogloblina, Khim. prom. 42 no. 4:280-282 Ap '66.

Study of the thermal treatment of the Karatau phosphorites to determine the possibility of obtaining elementary phosphorus and Portland cement clinker. M. N. Nablev and others. Uzb. khim. zhur. 9 no. 3:6-10 '65.

KARATAU—ROCKS, SEDIMENTARY

Genetic interpretation of mechanical analysis by Passaga's method on the Upper Paleozoic materials of the Lesser Karatau. I. Z. Kolesnikova, Izv. AN Kazakh. SSR Ser. geol. 23 no. 2:77-79 Mr Ap '66.

KARELIA—PEGMATITES

Some geochemical problems and the genesis of the Chupa pegmatite veins (northern Karelia). V. A. Leonova, Zap. Vses. min. ob-va 94 no. 3:272-287 '65.

KARELIANS

Karelians in the contemporary ethnographical literature of Finland. I. U. Sinikheko, Sov. etn. no. 2:151-160 Mr-Ap '66.

KARMADON (OSSETIA, NORTH)—MINERAL WATERS

Effect of Karmadon mineral water on water-salt metabolism. I. N. Bolonov, Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 1:41-45 '66.

KARPOV, EVGENII VASIL'EVICH, 1910-

Brand new uniform. E. Isaakov, Nov. mir. 42 no. 3:246-249 Mr '66.

KARNETI REGION (GEORGIA)—COPPER ORES

Recovery of copper from sulfide ores of Madneuli. G. M. Kuperman and others, Trudy Inst. khim. AN Gruz. SSR 17:13-17 '64.

KARST

(see also subdivision under Form Province)

Concept of "karst" and karst rocks. G. V. Korotkevich, Vest. LGU 18 no. 24:20-26 '63.

Karst processes and stability of structures. G. M. Shakhmurova, Put' i put. khoz. 10 no. 3:38-42 '66.

Providing for safety in karst areas. G. A. Nizovkh, Put' i put. khoz. 10 no. 3:37-38 '66.

Role of field geophysical methods in the study of karst zones in well cross sections. L. I. Aydonina, V. N. Dakhnov, Trudy MNKHGP no. 66:140-145 '66.

Using electric prospecting for revealing karst and studying the distribution of fresh waters. G. N. Nazarov, Razved. i okh. nedr. 31 no. 3:55-57 Mr '65.

KARTINI, RADEN ADJENG, 1879-1901

Belen'kil, A. B. [Kartini, a daughter of Indonesia] Kartini - dech' Indonesii. Moskva, Nauka, 1966. 71 p.

KARYOKINESIS

Daily mitotic rhythms in human carcinoma, lymphosarcoma and sarcoma 180 in mice. S. M. Kolomina, Nauch. dokl. vys. shkol, biol. nauk no. 2:11-45 '65.

Diurnal rhythm of mitotic activity of the bone marrow in rats. G. P. Givard and others, Biol. eksp. biol. i med. 61 no. 2:83-84 F '66.

Effect of virus on the chromosomal transformations and mitotic activity in the cells of a human tissue culture. V. V. Vashkova, V. M. Zhilakov, Virovirus. 11 no. 1:91-93 Ja-F '66.

Mitotic index and the activity of mitotic divisions in early development stages of the chick embryo. A. K. Dandua and others, Biol. eksp. biol. i med. 61 no. 2:64-69 F '66.

Study of local and distant effects of radiation on the proliferative activity of the marrow cells. M. I. Anushevskaia, N. F. Barnkina, Radiobiologiya 6 no. 2:237-240 '66.

Study of the dynamics of cellular reproduction in the differentiation of the connective tissue of the skin in white rat embryos. B. A. Botov, Biol. eksp. biol. i med. 61 no. 3:99-101 Mi '66.

KAZAKEVICH, EMMANUIL GENRIKHOVICH, 1913-1962

Thought of an artist, on the tales of Em. Kazakevich, V. Suvillo, Nov. mir. 12 no. 1:213-223 Ja '66.

KAZAKH LANGUAGE—NOUNS

Formation of nouns from verbs with the aid of a suffix. A. Oshkatov, Izv. AN Kazakh. SSR Ser. obshchestv. 4 no. 1:78-80 Ja-F '66.

KAZAKH RIDDLES see Riddles, Kazakh

KAZAKHISTAN—AGRICULTURE—PRODUCTION STANDARDS

Establishment of norms and the scientific organization of labor in agriculture. A. R. Ud' Vest. sel'khoz. nauk [Kazakh.] 9 no. 3:3-7 Mr '66.

KAZAKHISTAN—ART

Five artists of Kazakhstan. G. Mikhelson, Iskusstvo 29 no. 2:11-17 '66.

KAZAKHISTAN—BIOLOGICAL RESEARCH

Results of the scientific activity of the Institutions of the Department of Biological Sciences of the Academy of Sciences of the Kazakh S. S. R. in 1963 and the objectives of further research. A. D. Dzhangaliev, Izv. AN Kazakh. SSR, Ser. biol. nauk 2 no. 3:3-12 S-O '64.

KAZAKHISTAN—BOILERS—INCURSTATIONS

Serpentine-containing silicate scales. S. A. Durov, N. F. Postnikov, Trudy NPI 121:39-43 '61.

KAZAKHISTAN—BORING

Simple question which became a problem. A. I. Ushkov, Nar. khoz. Kazakh. 23 no. 2:74-76 Ja '65.

KAZAKHISTAN—BOTANY

Akademiya nauk Kazakhskoi SSR, Alma-Ata, Institut botaniki. [Vegetation of Kazakhstan] Rasitel'nyi pokrov Kazakhstana. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR. Vol. 1. 1966. 591 p.

KAZAKHISTAN—BOTANY, MEDICAL

Searching for flavonoid-bearing plants in the flora of some regions of Kirghizia and Kazakhstan. A. M. Zakharov, K. I. Borlaev, Rast. res. 2 no. 1:14-27 '66.

KAZAKHISTAN—BUDGET

Budget of the first year of the five-year plan. I. Kim, Nar. khoz. Kazakh. 24 no. 1:12-16 Ja '66.

KAZAKHISTAN—BUILDING MATERIALS

Eliminate the building materials deficit. B. Parimbetov, Nar. khoz. Kazakh. 24 no. 3:21-28 Mr '66.

KAZAKHISTAN—BUILDING RESEARCH

Improve engineering research to correspond to modern planning. A. Beloklotoski, K. Shipulin, Nar. khoz. Kazakh. 24 no. 3:32-34 Mr '66.

KAZAKHISTAN—CATTLE—ECONOMIC ASPECTS

Economic effectiveness of the structure of a herd of cattle. I. T. Timchenko, Vest. sel'khoz. nauk [Kazakh.] 9 no. 3:13-20 Mr '66.

KAZAKHISTAN—CHEMICAL PLANTS—DESIGN AND CONSTRUCTION

Everybody decides, but nobody is responsible. D. Iavor'ski, Nar. khoz. Kazakh. 23 no. 2:51-55 Ja '65.

KAZAKHISTAN—CHEMISTRY—STUDY AND TEACHING

Concern yourself with the training of chemists. M. Kozlov'ski, Nar. khoz. Kazakh. 24 no. 3:70-72 Mr '66.

KAZAKHISTAN—CLOSTRIDIUM

Contamination of the soil with Clostridium tetani in the Kazakh S. S. R. T. I. Seigeeva, K. I. Matveev, M. B. Kalitrova, Zhur. mikrobiol., epid. i immu. 13 no. 1:103-106 Mi '65.

KAZAKHISTAN—COLLECTIVE LABOR AGREEMENTS—MINING INDUSTRY

Flowers... and the collective agreement. K. Abulgazh, Nar. khoz. Kazakh. 24 no. 1:73-74 Ja '66.

KAZAKHISTAN—COMMUNIST PARTY OF THE SOVIET UNION

Alma-Ata, Institut istorii partii. [At the origin of the Communist Party of Kazakhstan; chronology of the most important events.] Ustokov Kommunisticheskoi partii Kazakhstana; [letopis'] vazhnishchikh sobytii, Alma-Ata, Izd-vo "Kazakhstan."

Pt. 1. [The end of the 19th century-February 1917] Konets XIX veka-fevral' 1917 goda. 1966. 377 p.

KAZAKHISTAN—CONSTRUCTION INDUSTRY—ACCOUNTING

Chief accountant and top administrator. P. Chekilov, Nar. khoz. Kazakh. 23 no. 2:67-69 Ja '65.

KAZAKHISTAN—CROPS AND CLIMATE

Fedorov, A. P. [Climate and the pasture grasses of Kazakhstan; agroclimatology characteristics and agroclimatology forecasts] Klimat i pastbishchnye travy Kazakhstana; agroklimaticheskaia kharakteristika i agrometeorologicheskie prognozy, Leningrad, Gidrometeorologicheskoe izd-vo, 1964. 316 p. map (part fold.)

(Wau)

KAZAKHISTAN—EARTH—SURFACE

Subsurface structure of the earth's crust in the south-eastern part of central Kazakhstan. F. S. Moiseenko, I. U. A. Pavlov, Geol. i geofiz. no. 4:57-72 '64.

KAZAKHISTAN—ECONOMIC CONDITIONS

Figures of great victories. Nar. khoz. Kazakh. 24 no. 3:3-7 Mi '66.

KAZAKHISTAN—ECONOMIC POLICY

Problems of the further economic improvement. K. Simakov, Nar. khoz. Kazakh. 24 no. 1:3-11 Ja '66. State Planning Commission workers reply to the readers. Nar. khoz. Kazakh. 24 no. 1:88-92 Ja '66.

KAZAKHISTAN—ELECTRIC POWER

Establishing norms for fuel and power resources. A. Gurylanov, Nar. khoz. Kazakh. 24 no. 3:40-42 Mr '66.

KAZAKHISTAN—ELECTRIC WIRING

There should be no obstacles on the path of scientific labor organization. F. Ulimisev, Nar. khoz. Kazakh. 24 no. 1:63 Ja '66.

KAZAKHISTAN—EPHEDRA

Reproduction of Ephedra esuleifolia Bunge after a fire. Q. S. Sintsin, I. U. Vasiliev, Rast. res. 2 no. 1:87-90 '66.

KAZAKHISTAN—FRONTS (METEOROLOGY)

Aeroclimatology of planetary upper front zones over Central Asia and Kazakhstan. A. D. Kulagina, Nauch. trudy TashGU no. 259, Fiz. nauk no. 23:52-60 '64.

KAZAKHISTAN—GAS, NATURAL—GEOLOGY

Results of oil and gas prospecting work in Kazakhstan carried out in 1965 and its problems for 1966. P. N. Enkeev, S. Kurmanov, Geol. nefti i gaza 10 no. 3:1-6 Mr '66.

KAZAKHISTAN—GEOCHEMICAL PROSPECTING

Endogenetic dispersion halos of the Balyntauk ore zone. L. B. Ivanov, S. S. Romashin, R. I. Khabitullina, Izv. AN Kazakh. SSR, Ser. geol. 23 no. 2:70-74 Mr-Ap '66.

KAZAKHISTAN—GEOLOGY, STRATIGRAPHIC

New find of the Upper Cretaceous (?) in central Kazakhstan. E. D. Shygin, R. A. Koplatkevich, V. I. Danilov, Izv. vys. ucheb. zav., geol. i razv. 9 no. 4:130-140 Ap '66.

KAZAKHISTAN—GEOLOGY, STRUCTURAL

Some characteristics of the tectonics of northern Kazakhstan. M. A. Abdulkabirova, Izv. AN Kazakh. SSR, Ser. geol. 23 no. 2:12-26 Mr-Ap '66.

KAZAKHISTAN—GOATS

Effect of adrenocorticotrophic hormone on the milk production in goats. B. N. Abbasov, Izv. AN Kazakh. SSR, Ser. biol. nauk 2 no. 5:59-60 S-O '64.

KAZAKHISTAN—GRAPTOLITES

Obut, A. M., and R. F. Sobolevskaya, [Early Silurian graptolites in Kazakhstan] Graptolity rannogo silura v Kazakhstane. Moskva, Nauka, 1966. 64 p.

KAZAKHSTAN—HISTORY—SOURCES

On the history of the 1905-1907 workers' movement in Kazakhstan in memoirs P. D. Dil'mukhamedov, V. V. Tur-
12 Izv. AN Kazakh SSR Ser. obshchestv. 4 no. 138-
45 Ja-F '66.

KAZAKHSTAN—HUNTING

Ways for solving the problem of procurement and utilization of the various types of animals. E. P. Lezhkin, Trudy
AZVI 13:163-164 '64.

KAZAKHSTAN—ECONOMY

Factors of the economic development of the population.
A. M. Kozlov, Trudy SSR 40 no. 420-241 Ap '66.

KAZAKHSTAN—INDUSTRIAL MANAGEMENT

Improving the efficiency of production is the main thing.
M. S. Suleimenov, Nar. khoz. Kazakh, 24 no. 135-37
Ja '66.

Recommendations, Nar. khoz. Kazakh, 24 no. 171-72
Ja '66.

Scientific labor organization and some problems of its
introduction, V. Purits, Nar. khoz. Kazakh, 24 no. 1
20-23 Ja '66.

State Planning Commission workers reply to the readers
Nar. khoz. Kazakh, 24 no. 185-92 Ja '66.

KAZAKHSTAN—INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

In order to make work easy and beautiful, Zh. Kalachova,
Nar. khoz. Kazakh, 24 no. 133-34 Ja '66.

Reduced the cost of construction through planning,
V. Furutbayev, Trudy SSR 40 no. 420-241 Ap '66.

KAZAKHSTAN—INDUSTRIES

Labor watch, Nar. khoz. Kazakh, 24 no. 117-18 Ja
'66.

KAZAKHSTAN—IRON

Consumption of ferrous metals in the Kazakh S. S. R.
R. Il'iasov, Izv. AN Kazakh SSR Ser. obshchestv. 4
no. 146-55 Ja-F '66.

KAZAKHSTAN—IRON MINES AND MINING

Prospects for the adoption of the "Shagvilkul'skoe" and
"Sorsko" iron-ore deposits, V. I. Gessen, Gor. shur,
no. 439-42 Ap '66.

KAZAKHSTAN—LABOR AND LABORING CLASSES

Reflection of the 1905-1907 workers' movement in Ka-
zakhstan in memoirs P. D. Dil'mukhamedov, V. V. Tur-
12 Izv. AN Kazakh SSR Ser. obshchestv. 4 no. 138-
45 Ja-F '66.

KAZAKHSTAN—LAMB (MEAT)

Effect of birth time on the lamb production of fine-wool
Kazakhstan sheep, Sh. B. Smagulov, Izv. AN Kazakh,
SSR, Ser. biol. nauk 2 no. 5:61-66 S-O '64.

KAZAKHSTAN—LAMBS

Live weight and fattening capacity of crossbred lambs
from the various methods of crossbreeding, V. V. Te-
rent'ev, Vest. sel'khoz. nauk [Kazakh] 9 no. 3:60-63
Mr '66.

KAZAKHSTAN—LAMBS—DISEASES AND PESTS

Searching for rational doses and rates of using bleitlin I
for lambs, O. Sh. Balturina, Trudy AZVI 13:122-123
'64.

KAZAKHSTAN—LAMBS—FEEDING AND FEEDS

Effect of biomyelin and grain on the fattening qualities of
Kazakh fine-wool lambs, G. P. Il'shchikova, Radio
no. 3:65-68 Mr '66.

KAZAKHSTAN—LAND TENURE

Agrarian question and the national liberation movement
in Kazakhstan during the year of the First Russian Revo-
lution, B. Suleimenov, Izv. AN Kazakh SSR Ser.
obshchestv. 4 no. 128-37 Ja-F '66.

KAZAKHSTAN—MACHINERY INDUSTRY—MANAGE- MENT

This was dictated by life, V. Purits, Nar. khoz. Kazakh,
23 no. 2:22-25 Ja '65.

KAZAKHSTAN—MALARIA

Training of personnel in laboratory diagnosis of
malaria and controlling their work in Kazakhstan,
I. M. Grosheva, Med. paraz. i paraz. bol., 35 no. 1
107-108 Ja-F '66.

KAZAKHSTAN—MANUFACTURES

The demands of our times, I. Omarov, Nar. khoz. Kazakh,
23 no. 2:12-18 Ja '65.

KAZAKHSTAN—MINE SANITATION

Flowers... And the collective agreement, K. Abulgazin,
Nar. khoz. Kazakh, 24 no. 1:73-74 Ja '66.

KAZAKHSTAN—NONFERROUS METAL INDUSTRIES— MANAGEMENT

Change the evaluation of miners' and metallurgists' labor,
I. Nikiforov, Nar. khoz. Kazakh, 24 no. 3:43-48 Mr '66.

From the working area to the enterprise, E. M. Masumova,
Nar. khoz. Kazakh, 24 no. 1:59-62 Ja '66.

Success is in organization, Zh. Dalibekov, Nar. khoz.
Kazakh, 24 no. 1:42-44 Ja '66.

KAZAKHSTAN—ORE DEPOSITS

Enclosing structures and morphology of skarn and ore
lenses (central Kazakhstan), I. A. M. Shchegolev,
Izv. AN Kazakh SSR Ser. geol. 23 no. 2:27-32 Mr-Apr
'66.

Fluorite dispersion indices of the Bitystauk ore
deposit, I. R. Ivanov, S. S. Romanov, R. I. Babushkin,
Izv. AN Kazakh SSR Ser. geol. 23 no. 2:70-71 Mr-Apr
'66.

Location of endogenic deposits of eastern Kazakhstan
related to the boundaries of the division of the
earth's crust, G. R. Bekchanov, I. A. Kolmogorov,
Geol. iud. iud. iud. 8 no. 2:103-108 Mr-Apr '66.

KAZAKHSTAN—PASTURES AND MEADOWS

Fedorov, A. P. [Climate and the pasture grasses of
Kazakhstan, agroclimatology characteristics and
agroclimatology forecasts] Klimat i pastbishchnye
travy Kazakhstana, agroklimatecheskaja kharakteristika
i agroclimologicheskie prognozy, Leningrad, Gidro-
meteorologicheskoe izd-vo, 1964, 316 p., maps (part
fold)
(Vau)

KAZAKHSTAN—PATHOLOGICAL LABORATORIES

Training of personnel in laboratory diagnosis of
malaria and controlling their work in Kazakhstan,
I. M. Grosheva, Med. paraz. i paraz. bol., 35 no. 1
107-108 Ja-F '66.

KAZAKHSTAN—PEAS

Effect of the conditions of soil moisture on the process of
the formation of peas crops, I. S. Suleimenov, Z. D. Du-
senbekov, Vest. sel'khoz. nauk [Kazakh] 9 no. 3:103-
106 Mr '66.

KAZAKHSTAN—PEGMATITES

Quartz-fluorite pegmatites containing scandium in
Kazakhstan, E. I. Semenov and others, Geokhimiia
no. 2:241-246 F '66.

KAZAKHSTAN—PETROLEUM—STORAGE

Beauty of the working man, M. Mukhamed'latov,
N. Erman, Neftianik 10 no. 11,14 N '65.

KAZAKHSTAN—PETROLEUM GEOLOGY

Results of oil and gas prospecting work in Kazakhstan
carried out in 1965 and its problems for 1966, P. N.
Enikeev, S. Kurmanov, Geol. nefi i gaza 10 no. 3:1-6
Mr '66.

KAZAKHSTAN—PETROLEUM PRODUCTS

Supplying petroleum products to the industry and agricul-
ture of Kazakhstan, N. O. Okimov, Transp. i kha an,
neft i nertsepol. no. 3:16-17 '66.

KAZAKHSTAN—PETROLEUM WORKERS—EDUCATION AND TRAINING

Permanent courses for preparing and increasing the
qualifications of the personnel of the Kazakhstan Main
Administration of the Enterprises for the Supply of
Petroleum and Petroleum Products, G. Kh. Khankinov,
Transp. i kha an neft i nertsepol. no. 3:29-31 '66.

KAZAKHSTAN—POTATOES

Chaglev, B. Ch. [Potato growing in Kazakhstan] Kul'-
tura kartofella v Kazakhstane, Alma-Ata, Kalinar,
1964, 134 p.
(CU)

KAZAKHSTAN—POTATOES—DISEASES AND PESTS

Diseases of potatoes grown under irrigation in the sandy
semidesert of western Kazakhstan, P. A. Maltugin,
Sbor. trud VIR no. 2:20-24 '64.

KAZAKHSTAN—PRECAST CONCRETE CONSTRUCTION

For greater use of large-panel house construction,
N. Erlikh, Nar. khoz. Kazakh, 23 no. 2:70-73 Ja
'65.

KAZAKHSTAN—PRICES

Important lever for the management of the economy,
G. Smagulov, Nar. khoz. Kazakh, 24 no. 1:75-78 Ja
'66.

KAZAKHSTAN—PROSPECTING

Simple question which became a problem, A. Iushkov,
Nar. khoz. Kazakh, 23 no. 2:74-76 Ja '66.

KAZAKHSTAN—RAILROADS—ROUNDHOUSES

Exchange of experience enriches, V. Charykov, Nar.
khoz. Kazakh, 24 no. 1:44-46 Ja '66.

Tested means, I. Koshelev, Nar. khoz. Kazakh, 24
no. 1:26-28 Ja '66.

KAZAKHSTAN—RAIN AND RAINFALL

Quantitative precipitation distribution during the rainy
season in eastern Kazakhstan, A. P. Gaponov, Izv.
AN Kazakh SSR Ser. biol. nauk 2 no. 5:90-92 S-O
'64.

KAZAKHSTAN—RESEARCH

Geology of Kazakhstan and the role of the geologists,
I. A. M. Shchegolev, Trudy SSR 40 no. 420-241 Ap '66.

KAZAKHSTAN—RESTAURANTS, LUNCHEONS, ETC.— DESIGN AND CONSTRUCTION

"Solid class" construction projects, D. Arslanov, Trudy
profsoyuz 22 no. 7:3-4 Ap '66.

KAZAKHSTAN—REVOLUTION OF 1905

Agrarian question and the national liberation movement
in Kazakhstan during the year of the First Russian Revo-
lution, B. Suleimenov, Izv. AN Kazakh SSR Ser.
obshchestv. 4 no. 1:28-37 Ja-F '66.

KAZAKHSTAN—RICE—VARIETIES

Quality index of some rice varieties, I. I. Kozlov,
Other, Mul. i klev. prom., 42 no. 1:2-4 Ap '66.

KAZAKHSTAN—ROCKS, IGNEOUS

Investigating the "Dauhabinskoye" deposit (epitaxial) for
stone containing S, T, Suleimenov and others, Ser. i
ket. 23 no. 1:3-6 Ap '66.

Pokrovskaya, T. V. [Geology of Devonian granite
intrusions in central Kazakhstan] Geologiya kharakter-
istiki granitoidnykh intruzii Tsentral'nogo Kazakhstana.
[Leningrad] Izd-vo Leningr. univ., 1966, 230 p.

Some characteristics of the distribution and localization
of titanium in Devonian intrusions, complexes in central
Kazakhstan, I. B. Martin, Geokhimiia no. 1:101-102
'66.

Volcanic formations of the late stage of the development
of a geosyncline as revealed by a study in the north-east
part of the eastern Kolesovskiy trough and northern
Kazakhstan, V. V. Naumenko, Geol. zhur. 23 no. 8
87-93 '63.

KAZAKHSTAN—ROCKS, IGNEOUS—ANALYSIS

Behavior of alkalies in some petrological processes as
revealed by a study of Devonian granitoids in the Sary-
Tengiz watershed (central Kazakhstan), R. N. Shchegolev,
V. M. Agoshkov, M. M. Chekhovskikh, Izv. AN SSR Ser. geol.
31 no. 3:30-41 Mr '66.

KAZAKHSTAN—RURAL CONSTRUCTION

Difficulties in giving the "green light," A. B. Belykh,
Nar. khoz. Kazakh, 24 no. 2:31-33 Ja '66.

KAZAKHSTAN—SAIGA

Ways for solving the problem of procurement and utiliza-
tion of saiga, E. P. Lezhkin, Trudy
AZVI 13:166-163 '64.

KAZAKHSTAN—SANITARY ENGINEERING—MANAGE- MENT

The engineer's urgent concern, I. Kobozov, Nar. khoz.,
Kazakh, 24 no. 1:31-32 Ja '66.

KAZAKHSTAN—SCANDIUM

Quartz-fluorite pegmatites containing scandium in
Kazakhstan, E. I. Semenov and others, Geokhimiia
no. 2:244-246 F '66.

KAZAKHSTAN—SERVICE STATIONS

Development of the network of service stations for
Kazakh S. S. R., K. A. Shapovalov, Transp. i kha an, neft
i nertsepol. no. 4:21-22 '66.

KAZAKHSTAN—SERVICE STATIONS—EQUIPMENT AND SUPPLIES

Operation of the repair and machine shops in the
Kazakhstan Main Administration of the Enterprises for the
Supply of Petroleum and Petroleum Products, V. A.
Bobylov, I. K. Shapovalov, Transp. i kha an neft i nertse-
pol. no. 3:32-33 '66.

KAZAKHSTAN—SHEEP

Effect of birth time on the lamb production of fine-wool
Kazakhstan sheep, Sh. B. Smagulov, Izv. AN Kazakh,
SSR Ser. biol. nauk 2 no. 5:61-66 S-O '64.

Wool production of young sheep of various breeding groups,
M. Tolstobekov, Izv. AN Kazakh SSR Ser. biol. nauk
2 no. 5:67-68 S-O '64.

KAZAKHSTAN—SHEEP DRESSING

Some results of the breeding of semi-fine-wool fat-tailed
sheep, T. B. Bokenbaev, Trudy AZVI 13:16-25 '64.

KAZAKHSTAN—SOIL MOISTURE

Effectiveness of following on dry lands of southeastern
Kazakhstan, G. G. Beloborodova, F. M. Zerkova, Vest.
sel'khoz. nauk [Kazakh] 9 no. 3:20-34 Mr '66.

KAZAKHSTAN—SOILS—MICROBIOLOGY

Contamination of the soil with Clostridium (tetani) in the
Kazakh S. S. R., T. I. Sergeeva, K. I. Matveev, M. I.
Kablitsa, Zhur. mikrobiol., epid. i immun. 13 no. 3,
103-106 Mr '66.

KAZAKHSTAN—SPRUCE

Problems of taping the Schenk spruce, A. V. Tekhnov-
rlov, Vest. sel'khoz. nauk [Kazakh] 9 no. 3:100-
102 Mr '66.

KAZAKHSTAN—STATISTICS

Statistics is a means of knowledge and administration. A. Chasovnikova. Naukhoz Kazakh. 23 no. 2 63-66 Ja '65.

KAZAKHSTAN—STEEL

Consumption of ferrous metals in the Kazakh S.S.R. R. I. Masov. Izv. AN Kazakh SSR Ser. obshchestv. 4 no. 1 46-55 Ja-F '66.

KAZAKHSTAN—SWINE

Ak-Say Black and White swine on the Chilik State Tobacco Farm. L. A. Guseva. Trudy AZVI 13:38-41 '64.

KAZAKHSTAN—TANKS

Technological equipment of tank farms of the Kazakhstan Main Administration of the Enterprises for the Supply of Petroleum and Petroleum Products. A. S. Biletdin. Transport i khraneniye nefteproduktov no. 3:17-20 '66.

KAZAKHSTAN—TANKS—MAINTENANCE AND REPAIR

Operation of the repair and machine shops in the Kazakhstan Main Administration of the Enterprises for the Supply of Petroleum and Petroleum Products. V. A. Bobylev, I. K. Sapizkin. Transport i khraneniye nefteproduktov no. 3:32-33 '66.

KAZAKHSTAN—TECHNOLOGICAL INNOVATIONS

Economic efficiency is the main thing in technological progress. N. Petrushev, P. Antonov. Naukhoz Kazakh. 23 no. 2:3-11 Ja '65.

KAZAKHSTAN—TITANIUM

Some characteristics of the distribution and behavior of titanium in Caledonian intrusive complexes in northern Kazakhstan. I. U. Murin. Geokhimiya no. 1:80-98 Ja '66.

KAZAKHSTAN—TREE PLANTING

Mechanization of soil maintenance operations. V. L. Bratkovskii, E. I. Zaitseman. Puti i puti khoz. 10 no. 3:43-44 '66.

KAZAKHSTAN—WAGES—CONSTRUCTION INDUSTRY

Benefits of piecework wages. I. Potapov. Naukhoz Kazakh. 23 no. 2:47-50 Ja '65.

KAZAKHSTAN—WHEAT

Grain factory. P. V. Khichenko, M. S. Dubovskii. Zemledelie 20 no. 11:43-40 N '61.

KAZAKHSTAN—WINDBREAKS, SHELTERBELTS, ETC

Organization of scientific research work on shelterbelts in Kazakhstan. S. N. Uspenskii, V. V. Bozrikov. Vest. sel'khoz. nauk [Kazakh.]. 9 no. 3:90-94 Mi '66.

KAZAKHSTAN—WOOL

Wool production of young sheep of various lambing seasons. M. T. Ishchebekov. Izv. AN Kazakh SSR Ser. biol. nauk 2 no. 3:87-89 S-O '61.

KAZAKOV, IURII PAVLOVICH

Debate with Nestor. F. Levin. Vop. lit. 9 no. 11:37-40 N '65.

KAZAN—ACTIONS AND DEFENSES

Preparation of civil cases for court hearing. M. Zolotov. Sov. iust. 30 no. 8:16-17 Ap '66.

KAZAN—CONSUMER CREDIT—LAWS

It helped to make the public acquainted with it. R. Naisitullina. Sov. iust. 30 no. 8:23 Ap '66.

KAZAN—DISABILITY EVALUATION

Medal for disability evaluation. A. Sivakov. Sots. obshch. 41 no. 3:28-30 Mr '66.

KAZAN—EVICTION

Preparation of civil cases for court hearing. M. Zolotov. Sov. iust. 30 no. 8:16-17 Ap '66.

KAZAN—GUIDEBOOKS

Bushkanets, E. G. [Kazan; a guidebook] Kazan: putovoditel'. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 182 p. illus., fold. col. map. (IV)

KAZAN—NOTARIES

It helped to make the public acquainted with it. R. Naisitullina. Sov. iust. 30 no. 8:23 Ap '66.

KAZAN—RECIDIVISTS

Qualification of repeated robbery. V. Malkov. Sov. iust. 30 no. 8:16-17 Ap '66.

KAZAN—ROBBERY

Qualification of repeated robbery. V. Malkov. Sov. iust. 30 no. 8:16-17 Ap '66.

KAZAN—TRICHINA AND TRICHINOSIS

Group cases of trichinelliasis in Kazan. M. I. Smirnova, V. A. Brilov. Zool. zhurn. 45 no. 3:452-454 '66.

KAZAN—VETERINARY MEDICINE—STUDY AND TEACHING

Kazan Veterinary Institute is 90 years old. Kh. G. Gizatullin. Uch. zap. KVI 90 3-17 '61.

KAZAN—VETERINARY RESEARCH

Kazan Veterinary Institute is 90 years old. Kh. G. Gizatullin. Uch. zap. KVI 90 3-17 '61.

KAZAN—YOUTH—EMPLOYMENT

A juvenile and production. N. Shabakova, A. Komissarov. Sov. iust. 30 no. 8:19 Ap '66.

KAZAN GOVERNMENT—HISTORY

Tarasov, A. A. [Kazan Bolsheviks in the period of preparation for and conduct of the October Revolution] Kazanskii bol'shevik v period podgotovki i provedeniia Oktabskoi revoliutsii. Kazan', Talknigoizdat, 1956. 152 p. (M)

KAZAN UNIVERSITY

University faculty where the immortal Lenin studied. A. Bazhanov, I. A. Avakh. Sov. iust. 30 no. 6:9-9 Ap '66.

KAZANSKII, BORIS ALEKSANDROVICH, 1801-

Seventy-fifth birthday of Academician Boris Aleksandrovich Kazanskii. Izv. AN SSSR Ser. khim. no. 4:778 '66.

KEDROVAYA PAD' PRESERVE—ALGAE

Algae of the Kedrovaya Pad' Preserve. L. A. Kukhatenko. Soob. DVFN SSSR no. 23:47-49 '64.

KEGICHEVKA REGION (KHARKOV PROVINCE)—BARLEY—DRYING

Drying brewing and seeding barley from the practices at the Kegichevka Grain Receiving Station. S. Krasnopolsavskii. Muk. elev. prom. 32 no. 4:21-22 Ap '60.

KELL', NIKOLAI GEORGIEVICH, 1893-1965

Nikolai Georgievich Kell'; obituary. Izv. AN SSSR Ser. geog. no. 2:153-154 Mr-Ap '66.

KEMEROVO—PUNCHED CARD SYSTEMS

Card catalog of the "Technical Information Service for Enterprises and Organizations of the Kuznetsk Basin Economic Region." K. F. Chakilev. NTI no. 2:10-11 '66.

KEMEROVO PROVINCE—DAIRY INSPECTION

Inspection and production quality. V. Trebin. Zakup. sel'khoz. prod. no. 2:46 F '66.

KEMEROVO PROVINCE—INDUSTRIAL HYGIENE

Our changes. G. Pimenov. Okhr. truda i sots. strakh. 9 no. 5:30-31 My '66.

KEMEROVO PROVINCE—MILK TRADE

Inspection and production quality. V. Trebin. Zakup. sel'khoz. prod. no. 2:46 F '66.

KEMEROVO PROVINCE—RADIOBROADCASTING

"The youth of the Kuznetsk Basin" on the air. D. Lmel'janov. Parizhizn' no. 10:77-79 My '63.

KEMEROVO PROVINCE—TAX ACCOUNTING

Preliminary analysis of carrying out plans for payments to the budget. M. Litvin. Fin. SSSR 10 no. 4:59-62 Ap '66.

KERAMZIT

(see also subdivision under Kurgan)
Keranzit concrete box-blocks. V. Bushev. Pozh. delo no. 11:26 N '65.

Skosyrev, V. P. [Safety manual for manufacturing keramzit and agloporita] Pamiatka po tekhnike bezopasnosti pri proizvodstve keramzita i agloporita. Moskva, Stroizdat, 1966. 40 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

Some problems in the technical and economic effectiveness of manufacturing keramzit and ways of reducing its cost. I. M. Gindina. Sbor. trud VNIISTROM no. 189-101 '64.

Studying the operating conditions of rotary kilns for roasting keramzit. A. V. Lifshits, E. Sh. Sheinman. Sbor. trud VNIISTROM no. 112-31 '64.

KERATOCONJUNCTIVITIS SICCA

"Dry syndrome" (Sjogren's syndrome). A. A. Kalamkarian, B. G. Stolanov. Sov. med. 29 no. 3:112-117 Mr '66.

KERCH PENINSULA—IRON ORES

Rounding rate of iron ore fragments in the Kerch Peninsula. I. S. Iukhanov. Dop. AN URSS no. 3:303-307 '66.

KERCH PENINSULA—MANGANESE ORES

Manganese manifestation in the Kerch Peninsula. V. H. Plevshudin. Geol. zhurn. 26 no. 1:81-88 '66.

KERCH PENINSULA—MERCURY

Mercury in the carbonated waters of the Kerch Peninsula. S. V. Al'bov. Geol. zhurn. 26 no. 1:80-81 '66.

KERCH PENINSULA—MINERAL WATERS

Mercury in the carbonated waters of the Kerch Peninsula. S. V. Al'bov. Geol. zhurn. 26 no. 1:80-81 '66.

KERCH REGION—IRON ORES

Behavior of arsenic in the alkaline treatment of Kerch ores. N. A. Vasiliutinskii, L. I. Vasiliutinskaya. Zhurn. prikl. khim. 38 no. 2:251-257 F '65.

KEROSINE

Flow of kerosene with added lauric acid through quartz diaphragms of varying moisture. K. P. Tikhomolova, L. I. Sharakina. Koll. zhurn. 28 no. 2:283-288 Mr-Ap '66.

KEROSINE—STORAGE

Changes in the thermal stability of aviation kerosene during prolonged storage. N. I. Melent'eva, Nefteprodukt i neftekhim. no. 10:45-46 '65.

KETENE—SPECTRA

Infrared absorption spectra of diphenyl ketene and perfluorodimethyl ketene. Sh. Nadzhimutdinov, N. A. Slovkhotova, V. A. Kargin. Zhurn. fiz. khim. 40 no. 1:893-897 Ap '66.

KETONES

Catalytic ketonization of n-propyl and primary n-butyl alcohols. V. A. Komarov, P. V. Maslov. Zhurn. prikl. khim. 38 no. 2:304-308 F '65.

Crystallographic data on inner-complex compounds of β -diketones. Part 1: Copper, nickel, and palladium β -diketonates. E. A. Shugam, L. M. Shkol'nikova, V. V. Zelentsov. Zhurn. strukt. khim. 7 no. 1:128-129 Ja-F '66.

Epoxidation of ethyl- β -alkylvinyl ketones. I. G. Tishchenko, R. V. Skupskata. Vest. AN BSSR Ser. khim. nav. no. 4:72-74 '65.

Interaction of β -chlorovinyl ketones with β -dicarbonyl compounds. Part 14: Ketovinylation of diethyl ester of α -oxalopropionic acid. E. F. Beliaev. Zhurn. org. khim. 2 no. 2:310-313 F '66.

KETONES—PHYSIOLOGICAL EFFECT

Effect of alkylketones and ketones on enzymatic decomposition of isonicotinic acid hydrazide. L. I. Gubonnik. Farm. i toks. 28 no. 1:171-175 Ji-Ag '65.

KETONES—SPECTRA

Effect of the p-nitrophenyl substituent on the electronic spectra of β -diketone anions. E. I. A. G. en, G. I. A. V. anag. Dokl. AN SSSR 167 no. 1:827-830 Ap '66.

KHABAROVSK—AIR PLANES—MAINTENANCE AND REPAIR

During rush hours. E. Iukhnovskii, A. Morkov. Giarhd. av. 22 no. 9:16-20 S '65.

KHABAROVSK—METEOROLOGY IN AERONAUTICS

An automatic machine reports the weather. I. Lavrinovich. Giazhd. av. 22 no. 9:26-27 S '65.

KHABAROVSK TERRITORY—FIRE DEPARTMENTS

Our achievements. B. Shelutinskii. Pozh. delo no. 3:13 Mr '66.

KHABAROVSK TERRITORY—GEOLOGY, STRATIGRAPHIC

Precambrian of the northwestern part of the Koryak Highland. G. S. Gnibidenko, I. S. Rozentblum. Dokl. AN SSSR 167 no. 4:861-863 Ap '66.

KHABAROVSK TERRITORY—INTELLECTUAL LIFE

Bensman, E. G. [Development of culture in Khabarovsk Territory] Kulturnoe stroitel'stvo v Khabarovskom krae. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1965. 108 p. (CSi-H)

KHABAROVSK TERRITORY—ORE DEPOSITS

Metal-bearing potential and metallogenetic specialization of intrusive rocks in the regions of the development of sulfide-cassiterite deposits (Myno-Chan and Sikhote-Alin'). V. L. Baranov, N. A. Durasova. Geokhimiya no. 2:168-178 F '66.

KHABAROVSK TERRITORY—ROCKS, IGNEOUS

Metal-bearing potential and metallogenetic specialization of intrusive rocks in the regions of the development of sulfide-cassiterite deposits (Myno-Chan and Sikhote-Alin'). V. L. Baranov, N. A. Durasova. Geokhimiya no. 2:168-178 F '66.

KHABAROVSK TERRITORY—TILLAGE

Bringing drained lands under cultivation. N. I. Sindiashtin. Zemledelie 28 no. 3:22-24 Mr '66.

KIEV PROVINCE—DRUGSTORES

Beacons of pharmacy. I IU. Ivanov, Farmatsy zhur. 20 no. 2-89-91 '65

KIEV PROVINCE—INDUSTRIAL MANAGEMENT—CONGRESSES

Regional scientific and technical conference Ekons Rad Ukr. 8 no. 7-96 JI '65

KIEV PROVINCE—PRODUCE TRADE

On a large scale. A. Buznikel. Zakup. sel'khoz. prod. no. 2-4-5 F '66.

KIEV PROVINCE—REPORTERS AND REPORTING

Send me to this place! A. Molozhanov. Sov. pech. no. 11-30-31 N '64.

KIEV PROVINCE—SUGAR INDUSTRY—EXHIBITIONS

Beacon of the sugar industry. Inform. biul VDNKH no. 3-12-13 M '66.

KILNS see subdivision under Azerbaijan

KILNS, ROTARY

Desiko, JU. L., M. B. Kiselner, and T. A. Ogaikova. [Adjustments and heat engineering tests of rotary kilns at cement plants] Naladka i teplotekhnicheskio tsipyaniia v asistatsionchikhstia pecheli na tsementnykh zavodakh. Izd. 2., perer. i dop. Moskva, Stroiizdat, 1966. 246 p.

Studying the operating conditions of rotary kilns for roasting kaolin. A. V. Lifshits, E. Sh. Sheinman. Shor trud VNIISHOM no. 112-31 '64.

KIMBERLITE see subdivision under Siberian Platform, Yakutia

KINDERGARTEN—METHODS AND MANUALS

Russia (1917- R. S. F. S. R.) Tsentralnyi nauchno-metodicheskii kabinet po detskol'nomu vospitaniiu. [Concrete methodological instructions on the kindergarten program] Kartaie metodicheskio ukazaniia k programme vospitaniiu v detskom sadu. Moskva, Gos. uchbeno-pedagog. izd-vo M-va prosvetsheniia RSFSR, 1962. 78 p. (NIC)

KINDERGARTENS—DESIGN AND CONSTRUCTION

(see also subdivision under Siberia)
New developments in the designing of children's institutions. N Blokhina Arkhit SSSR no. 4-58-62 '66.

KINEMATICS OF MACHINERY see Machinery, Kinematics of

KIPPHARDT, HEINAR

An anti-Fascist play in Munich. T. Moyleva. Teatr 27 no. 3-138-139 Mr '66.

KIREVSKII, IVAN VASIL'EVICH, 1806-1856

Ivan Kireevskii. IU. Mann. Vop. lit. 9 no. 11-130-154 N '65.

KIRGHIZISTAN—BIBLIOGRAPHY

Frunze. Gosudarstvennaia publichnaia biblioteka Kirgizskoi SSR. [Bibliography of Kirghizistan in four volumes] Bibliografiia Kirgizii v chetyrekh tomakh. Frunze. Vol. 3. Pt. 3. Ch. 2. Losov, D. S. [Industry. Transport. Communication, 1946-1955; a bibliography] Promyshlennost'. Transport. Sviaz' (1946-1955); ukazanoi' filioturiy. 1965. 240 p.

KIRGHIZISTAN—BOTANY, MEDICAL

New medicinal plants of Kirghizistan and their resources. I. Sh. Zhabirov, P. K. Alimbaeva, S. T. Kheidokov. Rast. res. 2 no. 1-87-70 '66.

Searching for flavonoid-bearing plants in the flora of some regions of Kirghizistan and Kazakhstan. A. M. Zakharov, K. I. Borlaev. Rast. res. 2 no. 1-14-27 '66.

KIRGHIZISTAN—COLLECTIVE FARMS

Ibratov, Iskender. [Party organization of Kirghizistan in the struggle for the development of the collective farm movement] Partinnaia organizatsiia Kirgizii v bor'bu za razvortyvanie kolhoznoho dvizheniia. Frunze, "Kyrgyzstan," 1965. 118 p.

KIRGHIZISTAN—CORN BREEDING

Results of evaluating self-pollinated lines bred at the Kirghiz Scientific Research Institute of Agriculture by the method of anhylic crossings. E. A. Teplova. Biul. KirgNIZ no. 6-7-12 '60.

KIRGHIZISTAN—COTTON GROWING

Growing alfalfa and corn in cotton crop rotation. M. P. Makarov. Biul. KirgNIZ no. 6-18-23 '60.

KIRGHIZISTAN—COURTS

Pleasum of the Supreme Court of the Kirghiz S. S. R. Biul. Verkh. Suda no. 3-48 '65.

KIRGHIZISTAN—DESCRIPTION AND TRAVEL

Skulianskas, Jokubas. [Iliad of the steppe] Steptu Iliada. Vilnius, Mintis, 1965. 68 p. [In Lithuanian]

KIRGHIZISTAN—HAY

Glass meal. L. Moiseenko. Zakup. sel'khoz. prod no. 3-23-24 M '66

KIRGHIZISTAN—MEASLES—PREVENTIVE INOCULATION

Clinical reactions in children to the introduction of the Leningrad-4 live measles vaccine according to data from Kirghizistan. M. G. Aminova and others. Trudy Len. inst. epid i mikrobiol. 28 186-191 '65

Results of studies of the epidemiological effectiveness in Kirghizistan of live measles vaccine prepared from the Leningrad-4 strain. M. G. Aminova and others. Trudy Len. inst. epid i mikrobiol. 28 335-345 '65.

KIRGHIZISTAN—PERFUSION PUMP (HEART)

Results of experimental use of an artificial blood circulation apparatus in Kirghizistan. I. K. Akhunbaev, M. M. Mukhamediev, T. D. Savranova. Grud. khii. 8 no. 1-98-99 Ja-F '66.

KIROV, SERGEI MIRONOVICH, 1886-1934

Ardent friend of youth. S. Neginskii. Sem'ia i shkola 21 no. 3-6-7 Mr '66.

Great citizen. L. Vinogradov. V mire knig 6 no. 3-4 M '66.

In memory of Sergei Mironovich Kirov. V. Mushtukov, M. Katibbi. Vop. ist. KPSS 10 no. 5-151-153 My '66.

Sergei Mironovich Kirov, on the 80th anniversary of his birth. N. I. A. Bromel. Nach. shkola 34 no. 4-14-16 Ap '66.

KIROV—MOTOR VEHICLE DRIVERS

Practice of the Kirov automotive transportation unit in organizing the training of specialists. I. Tumanov, S. Pevzner. Avt. transp. 46 no. 4-52-54 Ap '66.

KIROV PROVINCE—EDUCATION, COOPERATIVE

Experimental school workshop of Kirov Province. A. A. Pavlyga. Shkola i protek 10 no. 5-20-21 My '66.

KIROV PROVINCE—GAS, NATURAL—GEOLOGY

Prospects for finding oil and gas in Kirov Province and the Udmurt A. S. S. R. B. M. Usupov, B. S. Kasimov, L. D. Faizullin. Trudy VNIGNI no. 46-31-40 '65.

KIROV PROVINCE—LIBRARIES AND READERS

An unusual "university." V. Plonkov. Bibliotekar' 43 no. 4-58 Ap '66.

KIROV PROVINCE—PETROLEUM GEOLOGY

Evaluating prospects for finding oil and gas in Perm Province, the adjacent regions of Kirov Province, and the Udmurt A. S. S. R. V. A. Lobov. Trudy VNIGNI no. 46-39-22 '65.

Prospects for finding oil and gas in Kirov Province and the Udmurt A. S. S. R. B. M. Usupov, B. S. Kasimov, L. D. Faizullin. Trudy VNIGNI no. 46-31-40 '65.

KIROVABAD—BAKERIES

In the Kirovabad Baking Combine. A. V. Radzhabli. Khleb, kond. prom. 10 no. 4-42 Ap '66.

KIROVAKAN—CHEMICAL INDUSTRIES

A pass for the chemistry of big molecules. G. Isalan, V. Beliaevskii. Prom. Arm 7 no. 4-13-14 Ap '64.

KIRZHACH DISTRICT—GOTTER

Gottar in Kirzhach District of Vladimir Province. V. N. Krivosheev. Sov. med. 29 no. 3-103-104 Mr '65.

KISHINEV—IRIS (PLANT)

Study of the Transcaucasian species of iris in Kishinev. N. A. Isayna, A. F. Shchavinskaya. Buil. Glav. bot. sada no. 60 19-25 '65.

KISHIKIN, SERGEI TIMOFEEVICH, 1900-

Sergei Timofeevich Kishikin; on his 60th birthday. Izv. AN SSSR, Met. no. 2-13-4 Mr-Apr '66.

KISLOVODSK—MINERAL WATERS

Cobalt content in the waters and rocks of the Kislovodsk mineral water occurrences. E. I. Rasopov. Trudy NPI 121-29-34 '61.

KITCHEN UTENSILS—DESIGN AND CONSTRUCTION

Mill for spices. A. Matsa. Tekh. est. 3 no. 3-22-23 Mr '66.

KIZIL KUM see Kyzyl Kum

KLAIPEDA—DESCRIPTION AND TRAVEL

Klaipeda. Vilnius, Mintis, 1965. 127 p. [In Lithuanian]

KLEMENTI VILHELMINE, 1904-1920

Varman, Alma. [Stronger than death; biography of Vilhelmine Klementi. Translated from the Estonian] Sil'noe smerti; biografiia Vil'hel'mine Klementi. Tallin, Eesti Rahmat, 1966. 377 p. (Publ. under her name A. Varman-Zit'ber)

KLIN (MOSCOW PROVINCE)—OLD AGE HOMES

And good humor too. E. Ivanov. Sois. obszp. 41 no. 4-48-47 Ap '66.

KLENTSY DISTRICT—PRODUCE TRADE

The initiative has been supported. M. Udodovskii. Zakup. sel'khoz. prod. no. 2-40 F '68.

KLYSTRONS

Application of the system of equations of a traveling-wave tube to the theory of a reflex-transit klystron. N. M. Sovetov, K. N. Snopko. Izv. vys. uchob. zav., radiotekh. 9 no. 1-42-51 Ja-F '63

KNEE

Effect of microwaves on absorption processes from the cavity of the knee joint. M. I. Aisenko. Fiziol. zhur. [Ukr.] 10 no. 6-783-787 N-D '61

KNIT GOODS

Characteristics of the technology for the processing of fluffy bulked yarn in the knit goods industry. L. S. Smirnov. Tekst. prom. 26 no. 4-44-47 Ap '66.

Knit goods made from blended wool-niti on yarn. I. A. Lipkov, V. N. Savina. Tekst. prom. 26 no. 4-17-50 Ap '66.

KNIT GOODS INDUSTRY

Preparing a new assortment. A. V. Studenisova. Tekst. prom. 26 no. 4-84-88 Ap '66.

KNIT GOODS INDUSTRY—EQUIPMENT AND SUPPLIES

Shefer, V. A., and L. N. Flakova. [Equipment for the knit garment industry] Oborudovanie trikotazhno-shvel'nogo proizvodstva. Izd. 2., perer. i dop. Moskva, Legkaiia Industriia, 1966. 383 p.

KNITTING

Summer lies ahead. . . . O. Luneva. Sem'ia i shkola 21 no. 3-63 Mr '66.

KNOTS AND SPLICES (see also subdivision under Duiyal A S S R.)

Device for splicing wire ropes. V. Sharkov. Rezh. transp. 23 no. 3-43 Mr '61.

KNOTWEED see subdivision under Soviet Far East

KNOWLEDGE, THEORY OF

Borunkov, IU. F. [Lenn's contribution to the theory of knowledge] Lennskii vklad v teoriiu poznaniia. Moskva, Znaniie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnike. 2 Soritsa: Filosofii, no. 1)

Increased role of the philosophy of dialectical materialism in present-day theory of knowledge. V. I. Osipov. Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Filos. no. 7 31-42 '65.

Rogovin, M. S. [Philosophical problems of the theory of memory] Filosofskie problemy teorii pamiatii. Moskva, Vysshiaia shkola, 1966. 157 p.

KOBYLIANSKAIA, OL'GA IUL'IA NOVA, 1863-1942

Social work of O. IU. Kobylinskaia; on her 100th birth anniversary. M. V. Lohvinov, I. P. Serebriuk. Ukr. ist. zhur. 8 no. 1-118-121 '64.

KOHLRABI AS FEED

Promising forage crop. B. G. Ruannov. Zemledelie 26 no. 11-68-69 N '64.

KOKAND—PETROLEUM WORKERS

Story of an old driller. G. Liatfi. Neftnarik 10 no. 11-14 N '65.

KOKCHETAY PROVINCE—LUBRICATION AND LUBRICANTS

Organization of the collection of waste oils in Kokchetav Province. M. M. Boshuev. Transp. i klian. nefli i nefteprod. no. 3-33-34 '66.

KOKCHETAY PROVINCE—STATE FARMS—MANAGEMENT

Disseminate work methods in a scientific way in agriculture. IU. Charnov. Nar. khoz. Kazakh. 24 no. 1-41-42 Ja '66.

KOKCHETAY PROVINCE—TARTARIAN BUCKWHEAT

Biological characteristics of the Tartarian buckwheat and prospects for its control in Kokchetav Province. Z. V. Zhukovitskaia, O. V. Eremkina. Vest sel'khoz. nauk [Kazakh.] 9 no. 3-44-49 Mr '66.

KOKCHETAY REGION—HORSE BREEDING

Families of trotters and breeding methods for them at the Kokchetav Stud Farm. P. A. Fedotov. Trudy AZVI 13-42-54 '64.

KOLA PENINSULA—GEOLOGICAL TIME

Age of the most ancient formations of the Kola Peninsula. S. I. Zykov and others. Geokhimiia no. 4-307-314 Ap '64.

KOLA PENINSULA—ORE DEPOSITS

Metallurgy of sulfide-nickel ore zones. N. A. Kornilov. Dokl. AN SSSR 167 no. 4-84-87 Ap '66.

KOLA PENINSULA—ROCKS, IGNEOUS

Альпийская зона СССР. Кольский полуостров. Геологический институт [Alkai rocks of the Kola Peninsula]. Stalinsk. 1960. Kol'skiy poluostrov. Moskva, 1960. 111 p.

KOLACH, TADEUSH ADAMOVICH, 1917-1966

Год рождения и смерти. Колыш, Тадеуш, адмович. 1917-1966. 1966. 111 p.

KOLKHIDA LOWLAND—FIELD CROPS

Урожайность и качество культурных земель в низменности Колхиды. Р. Л. Палиев, Т. Л. Егорова. 1966. 111 p.

KOLKHIDA LOWLAND—OILS—DENSITY

Определение генеральной и дифференциальной плотности залегающих в толще Колхиды. Р. А. Чхидишвили, В. Л. Чхидишвили, С. В. Трулев, А. А. Аргон, 1965. 111 p.

KOLKHOZS sec Collective farms

KOLLIDON see PVP

KOLOMNA DISTRICT—PLANTS, PROTECTION OF

Защита растений. В. Л. Икин, Забел, 1965. 111 p.

KOLPELO (LENINGRAD PROVINCE)—FOREMEN

Передовые бригады коммунистов. 1965. 111 p.

KOLTSOV, MEKHAIL EFIMOVICH, 1898-1942

Акт о смерти. Колцов, Мехайл, 1898-1942. 1965. 111 p.

KOLYMA VALLEY—GOLD MINES AND MINING—LABOR PRODUCTIVITY

Здесь есть комплекс! Вот что такое комплекс! [Magadan, Magadanskoe knizhnoe izd-vo, 1963] 61 p. [MICROFILM]

KOMI ASSR—GAS FIELD DEVELOPMENT

Вопросы о одновременном и раздельном освоении газовых месторождений. А. А. Попов, Газпром, 1965. 111 p.

KOMI ASSR—LUMBERING—ACCOUNTING

Бухгалтерский учет в лесной промышленности. Н. Г. Говоров, Бухгалтер, 1965. 111 p.

KOMI ASSR—PETROLEUM PRODUCTION

Вопросы о одновременном и раздельном освоении нефтяных месторождений. А. А. Попов, Газпром, 1965. 111 p.

KONDPOGA DISTRICT—PASTURES AND MEADOWS

Анализ использования пастбищ и лугов и прогноз эффективности использования на территории Кольского полуострова. В. Д. Лопатин, В. А. Зайкова, Докл. 51 no. 3 300-321 Mr '66.

KONTOROVICH, MIKHAIL IOSIFOVICH, 1906-

М. И. Которович, на 60-й день рождения. Радиофизика, 1966. 111 p.

KOPETDAG—BIRD POPULATIONS

Характеристики птичьих популяций в некоторых районах Копетдага. Репорт № 2. А. Н. Сукин, Г. С. Белая, А. О. Туманов, Изв. АН Турк. SSR, Сер. биол. науки, 1965. 111 p.

KOPETDAG—CLAY

Минералогические характеристики палеогеновых глин в центральной части Копетдага. А. Л. Трубин, Изв. АН Турк. SSR, Сер. физ.-хим. и геол. науки, 1965. 111 p.

KOPETDAG—FORAMINIFERA, FOSSIL

Новые виды палеогеновых фораминифер из Копетдага. А. Л. Трубин, Изв. АН Турк. SSR, Сер. физ.-хим. и геол. науки, 1965. 111 p.

KOREA, SOUTH—COAL MINERS

Там, где капиталисты. Е. Александров, Сов. проф. союзы, 1966. 111 p.

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921

Гибель. Е. Л. [V. G. Korolenko and government reaction]. A. P. Chekhov's abridged form of V. G. Korolenko's story "Rustling forest" V. G. Korolenko i pravitel'stvennaya reaktsiya. Sokrascheniya A. P. Chekhovym rasskazom V. G. Korolenko "Les shumit." Przeval'sk, 1962, 24 p. (Przeval'sk, Gosudarstvennyi pedagogicheskii institut, Trudy, no. 9)

KOSIAKOV, PAVEL NIKOLAEVICH, 1905-

Инженер. Косиakov, Павел, 1905-1966. 111 p.

KOSOV DISTRICT—PHARMACEUTICAL SOCIETIES

Экспериментальная работа в Косовском районе. Медицинское общество. В. И. Пизов, Фармацевт, 1966. 111 p.

KOSTROMA—SHOE INDUSTRY—MANAGEMENT

Шаги в развитии обувной промышленности. А. В. Лужский, Сов. проф. союзы, 1966. 111 p.

KOSTROMA PROVINCE—AGRICULTURE

Расширение кооперации в сельском хозяйстве. А. В. Лужский, Сов. проф. союзы, 1966. 111 p.

KOSTROMA PROVINCE—COLLECTIVE FARMS

Известия о Костромской области. Г. С. Сомов, Мол. коммунист, 1966. 111 p.

KOSTROMA PROVINCE—RURAL YOUTH

Воспитание молодежи. Б. Архипов, Мол. коммунист, 1966. 111 p.

KOTSIBYNS'KYI, MYKHAILO, 1864-1913

М. Котсибунский в борьбе за творческое развитие украинской литературы. Т. К. Чаплин, Рад. лит., 1966. 111 p.

KOTSIBYNS'KYI, MYKHAILO, 1864-1913—BIBLIOGRAPHY

Библиография. Котсибунский, М. Котсибунский, 1864-1913. 111 p.

KOTUY VALLEY—MELILITES

Меллиты в Куде-интрузии. Т. Л. Голдберг, Зап. Вост. муз., 1966. 111 p.

KOVALEVSKII, MAKSIM MAKSIMOVICH, 1851-1916

М. Н. Ковалевский и его Указание. А. Д. Лавров, Учен. зап., 1966. 111 p.

KOVALEVSKII, OSIP MIKHAILOVICH, 1800-1878

О. М. Ковалевский и его переписка с друзьями. Н. П. Шастина, Труды БКН, 1966. 111 p.

KOZLOV, PAVEL VASIL'EVICH, 1905-

Павел Васильевич Козлов, на 61-й день рождения. Высокоскоростное, 1966. 111 p.

KOZMENKO, ALEKSEI SEMENOVICH, 1878-1905

Алексей Семенович Козменко; обитатель. С. С. Васильев, Изв. АН СССР, Сер. геог., 1966. 111 p.

KRAIDKA (TULA PROVINCE)—HEALTH RESORTS, WATERING PLACES, ETC.

Детекция гастритов в бывших пациентах в "Крайке" Health Resort. П. П. Шмелев, Сов. мед., 1966. 111 p.

KRAMATORSK—MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Непрерывная операция экскаваторов в Ново-Краматорской машинной заводе. А. И. Шендеров и другие, Гор. журн., 1966. 111 p.

Экскаваторы в Ново-Краматорской машинной заводе. А. И. Шендеров, Гор. журн., 1966. 111 p.

KRASNAYA RECHKA (KHABAROVSK TERRITORY)—NONFERROUS METALS

Отечественная промышленность в Красной Реке. А. С. Бадеев, А. Л. Подковыркин, Р. Л. Энгель, Гор. журн., 1966. 111 p.

KRASNODAR—LIBRARIES AND READERS

Вечернее чтение посвящено И. И. А. Дениеву. Библиотека, 1966. 111 p.

KRASNODAR—TECHNOLOGICAL INNOVATIONS

Эффективные предложения. А. Патрикев, С. Середич, Сов. торг., 1966. 111 p.

KRASNODAR TERRITORY—AERONAUTICS IN AGRICULTURE

Минуты успеха. Иван Краснов, Гор. журн., 1966. 111 p.

KRASNODAR TERRITORY—AFFORESTATION

Фундаментальные и эффективные методы закладки лесов. В. Н. Касимов, [Sbor. rab.] VNIILMI, no. 43-138-143 '63

KRASNODAR TERRITORY—AGRICULTURE

Самое важное "дело" в сельском хозяйстве. В. Чистяков, Агитатор, 1966. 111 p.

KRASNODAR TERRITORY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Решения съезда должны быть известны всем. 1. Алехин, Партизаны, 1966. 111 p.

KRASNODAR TERRITORY—CONDENSATE OIL, WILDS

Коррозия на газовых конденсатах в Краснодарском крае. В. В. Бутылин, В. А. Ковалев, Гор. журн., 1966. 111 p.

KRASNODAR TERRITORY—COOPERATIVE MARKETING OF FARM PRODUCE

Закрытая кооперация среди кооператоров и фермеров. А. Анкин, Закуп. сельхоз. прод., 1966. 111 p.

KRASNODAR TERRITORY—FOOD ADULTERATION AND INSPECTION

Организация санитарного надзора в пищевой промышленности. Л. Л. Пономаренко, Всп. пит., 1966. 111 p.

KRASNODAR TERRITORY—FOOD SERVICE

Организация санитарного надзора в пищевой промышленности. Л. Л. Пономаренко, Всп. пит., 1966. 111 p.

KRASNODAR TERRITORY—HYDROCARBONS

Краснодарский район в области гидрокарбонатов. М. Н. Базов, К. П. Котанов, Газ. дело, 1966. 111 p.

KRASNODAR TERRITORY—RETAIL TRADE—FINANCE

Процентная ставка должна быть снижена. М. Соловьев, В. Т. Шмелев, Сов. торг., 1966. 111 p.

KRASNODAR TERRITORY—SLAUGHTERING AND SLAUGHTERHOUSES

Закрытая кооперация среди кооператоров и фермеров. А. Анкин, Закуп. сельхоз. прод., 1966. 111 p.

KRASNODAR TERRITORY—THEATERS—FIRES AND FIRE PREVENTION

Пожарная техника. Н. Прохоров, Тех. дело, 1966. 111 p.

KRASNODAR TERRITORY—TRANSPORTATION, AUTOMOTIVE

Пассажирский транспорт в праздники и выходные. В. Андреев, Авт. транспорт, 1966. 111 p.

KRASNODAR TERRITORY—WHEAT—FERTILIZERS AND MANURES

Влияние минеральных удобрений на качество зерна. В. Е. Крайнова, А. А. Соколов, Труды ВНИИ, 1966. 111 p.

KRASNODAR TERRITORY—WOMEN AS PETROLEUM WORKERS

Служба. А. Нербаев, Нефтегаз, 1966. 111 p.

KRASNOYARSK TERRITORY—AERONAUTICS, COMMERCIAL

Публикация и эффективность. А. Солдатков, Гор. журн., 1966. 111 p.

KRASNOYARSK TERRITORY—AERONAUTICS, COMMERCIAL—JOURNALISM

Лица в газете. А. Стрелков, Гор. журн., 1966. 111 p.

KRASNOYARSK TERRITORY—CHIGGERS (MITES)

Некоторые данные о фауне и экологии членистоногих в Красноярском крае. Т. С. Васильева, Мед. параз., 1966. 111 p.

KRASNOYARSK TERRITORY—WEED CONTROL

Эффективность борьбы с сорняками в Красноярском крае. Н. В. Складнев, С. П. Дослов, Земледелие, 1966. 111 p.

KRASNY LIMAN (DONETSK PROVINCE)—RAILROADS—REPAIR SHOPS

Увеличение производительности и улучшение качества электрической локомотивной работы. В. А. Скрябин, Железнодорожники, 1966. 111 p.

KRECHETOV, FEDOR VASIL'EVICH, 1744?-1807

Ф. В. Креchetов. Неизвестные рукописи, 1803-1807. Б. М. Кобин, Вост. ЛГУ, 1966. 111 p.

KRIVYI ROG—COKE INDUSTRY

Кривой Рог. Кокс и уголь. А. С. Симонсон, К. Т. Стеблин, Т. П. Татарова, Кокс и химия, 1966. 111 p.

KRIVYI ROG—INSURANCE, SOCIAL

Тысячи задач и забот. Л. Зыбалов, Окру. труд. да. 1966. 111 p.

KRIVOY ROG BASIN—EARTH MOVEMENTS

Oscillation movements of a mobile zone in the Krivoy Rog Basin. V. A. Kudelia. *Dop. AN URSS* no. 3 387-391 '66.

KRIVOY ROG BASIN—FOLDS (GEOLOGY)

Folds of nappe folding in the Yuzhnyy region of the Krivoy Rog mobile zone. V. A. Kudelia. *Dop. AN URSS* no. 2 223-225 '66.

KRIVOY ROG BASIN—GEOLOGY, STRATIGRAPHIC

Stratigraphic scheme of the Greater Krivoy Rog Basin. *Geol. zhur.* 23 no. 6 3-5 '63.

KRIVOY ROG BASIN—GEOLOGY, STRUCTURAL

Residual tectonic stresses of the Pre-Cambrian in the Krivoy Rog Basin. H. V. Tokhtuev, I. D. Rykin. *Geol. zhur.* 26 no. 1 14-23 '66.

KRIVOY ROG BASIN—GIBBSITE

Gibbsite-bearing weathering crust of ferruginous quartzites in the Krivoy Rog region. D. P. Khokhlova. *Lit. i pol. iskop.* no. 2 99-101 *Mir-Ap* '66.

KRIVOY ROG BASIN—IRON MINES AND MINING

Concentration of oxidized iron hematite in the Krivoy Rog Basin by gravity-flotation flow sheets. I. R. Ishitkov, E. M. Smachnala, K. N. Lymar. *Met. i gornorud. prom.* no. 2 69-74 *Mir-Ap* '66.

Reducing ore losses and depletion during the level and chamber systems of mining in the Krivoy Rog Basin. F. F. Proshin, V. I. Shichenko, F. F. Pomitski. *Geol. zhur.* no. 4 30-35 *Ap* '66.

KRIVOY ROG BASIN—IRON MINES AND MINING—COSTS

Acceleration of mining deposits, the growth of labor productivity, and the decrease of iron ore costs in the Krivoy Rog Basin. G. S. Zymalev, D. S. Maltan. *Met. i gornorud. prom.* no. 2 53-56 *Mir-Ap* '66.

KRIVOY ROG BASIN—IRON ORES

Determination of iron content by the gamma-gamma logging with inversion probes in the Krivoy Rog ore deposits. V. N. Mitov, V. G. Puschchanski, G. K. Zorin. *Vop. rud. geofiz.* no. 6 141-143 '65.

Gibbsite-bearing weathering crust of ferruginous quartzites in the Krivoy Rog region. D. P. Khokhlova. *Lit. i pol. iskop.* no. 2 99-101 *Mir-Ap* '66.

KRIVOY ROG BASIN—IRON ORES—ANALYSIS

Separation and quantitative evaluation of Krivoy Rog iron ores in the stage of industrial exploring on the basis of the intensity of low-energy albedo gamma rays. A. G. Pehenichnyi, A. P. Ochuk, M. K. Zaika. *Vop. rud. geofiz.* no. 6 11-16 '65.

KRIZANIC, JURAJ, 1818-1893

Juraj Krizanic's concept of history. M. A. Aliphot. *Sov. slav.* no. 3 31-41 '66.

KROLEVETS (UKRAINE)—EDUCATION

Educating students in the spirit of proletarian internationalism. M. I. Seretshenko. *Ukr. ist. zhur.* 9 no. 2 103-105 *F* '65.

KROTKOV, FEDOR GRIGOR'EVICH, 1890-

Fedor Grigor'evich Krotkov. *Voen.-med. zhur.* no. 3 69-90 *Mir* '66.

KROTOV, VIKTOR ALEKSANDROVICH, 1905-

Viktor Aleksandrovich Krotov; on his 60th birthday. V. Sochava, V. Vorob'ev, I. Mikhailov. *Izv. SO AN SSSR* no. 1. Ser. obshchestv. nauk no. 1 141-142 '66.

KRUPSKAYA, NADEZHDA KONSTANTINOVNA, 1869-1939

Friend and companion of V. I. Lenin; to the 55th anniversary of the birth of N. K. Krupskaya. P. M. Shmorhun, A. D. Iaroshenko, M. V. Koval'. *Ukr. ist. zhur.* 8 no. 1 114-117 '64.

N. K. Krupskaya on the scientific organization of work in schools. S. A. Lytyynov. *Rad. shk.* 44 no. 2 18-22 *F* '66.

Problem of children's collectives in the works of N. K. Krupskaya. V. D. Fronkova. *Rad. shk.* 44 no. 4 16-18 *Ap* '66.

KRUTILIN, SERGEI

Notes of a rural teacher. I. Pitlar. *Nov. ml.* 41 no. 3 228-243 *Mir* '65.

KRYCHEVSKYI, FEDIR IRYKHOROVYCH, 1879-1947

Musilenko, P. N. Fedir Irykhorovych Krychevskiy. *Kyiv. Myaslovstvo*, 1960, 101 p. illus.

KRYLENKO, NIKOLAI VASIL'EVICH, 1883-1938

Nikolai Vasil'evich Krylenko; for the 80th anniversary of his birthday. *Biul. Vorkh. Suda* no. 3 15-18 '66.

KRYPTON

Davydov, N. I. [Production of argon and krypton in metallurgical plants] *Proizvodstvo argona i kriptona na metallurgicheskoi zavode*. Moskva, Metallurgiya, 1966, 189 p.

KUBAN—CONDENSATE OIL WELLS

Liquid-vapor warming in horizontal separators on units of low-temperature gas separation. I. V. Berezhnoi. *Gaz. delo* no. 3 13-15 '65.

Preparation of gas for pipeline in gas condensate fields of the Kuban. V. I. Khomutov. *Gaz. delo* no. 3 15-18 '66.

KUBAN—OIL WELL LOGGING

Nature of caving in drilled wells. N. G. Avdeylan, V. I. Grigor'ev, V. P. Makarov. *Burenie* no. 3 10-12 '66.

KUBAN—SUGAR BEETS

Some characteristics of Kuban sugar beets. N. L. Tronova. *Izv. vsh. ucheb. zav. pishch. tekhn.* no. 2 26-31 '66.

KUBICKIS, JONAS, 1862-1949

Kubickis, Osvaldas. [In the path of storms, biography of a writer] *Linu, nesilendamas viloms, dailininko biografia*. Vilnius Mintis, 1965 65 p. [in Lithuanian]

KULCHITSKII, MIKHAIL

Let me tell you about my friend. I. Nemenova. *Mol. komm.* no. 6 60-61 *Je* '64.

KULESHOVKA OIL FIELD—SEISMIC PROSPECTING

Some results of the dynamic analysis of reflected waves in the Kuleshovka oil field. A. I. Belineva, O. I. Rogoz, S. A. Semenova. *Geol. nefit i gaza* 10 no. 3 42-46 *Mr* '66.

KULEVOV, ALEKSEI IAKOVLEVICH

Eight thousand and one. M. Melnikin. *Grahd. tv.* 29 no. 9 15-5 '65.

KULUNDA STEPPE—RUNOFF

Spring slope runoff from main farm lands in the Kulunda Steppe. M. I. Batushcheva. *Pochvovedenie* no. 4 33-41 *Ap* '66.

KULUNDA STEPPE—WINDBREAKS, SHELFERBELTS, ETC.

Results of three years research on the development of the most effective structure of shelterbelts for the Kulunda Steppe. M. V. Vasil'ev. [Isbr. rab.] *VNIILAM* no. 43 17-58 '63.

KUMA VALLEY—ROCKS—THERMAL PROPERTIES

Heat flow in the western part of the Terek-Kuma Trough. G. M. Sukharov, S. P. Vlasov. *Geol. nefit i gaza* 10 no. 4 53-57 *Ap* '66.

KUMISS

Effect of kumiss from cow milk on the intestinal microflora. E. A. Tolmachova. *Vop. pit.* 23 no. 3 87-91 *Miy-je* '61.

KUMISS—PHYSIOLOGICAL EFFECT

Mechanism of the action of kumiss on the organism; comparative evaluation of the physiological effect of kumiss made from skimmed cow's milk and mare's milk. V. S. Tsolnina. *Vop. kur., fizioter. i lech. fiz. kul't.* 30 no. 2 124-129 *Mir-Ap* '65.

KUMISS—THERAPEUTIC USE

Kumiss in treating functional motor disorders (dyskinesia) of the large intestine and the gallbladder. S. V. Bazanova. *Vop. kur., fizioter. i lech. fiz. kul't.* 30 no. 2 129-134 *Mir-Ap* '65.

KUNANDAIEV, ABAI, 1845-1904—FICTION

The novel "Abai" in Franco. R. Uvalatova. *Izv. AN Kazakh SSR. Ser. obshchestv. n.* 4 no. 1 66-67 *Ja-F* '66.

KUNASHIN ISLAND—FIRES AND FIRE PREVENTION

Hot springs. I. U. Nazarov. *Pozh. delo* no. 3 17-0 *Mi* '66.

KUNGUR (PERM PROVINCE)—REVOLUTION, 1917-1921

Korolov, F. L. [Kungur in the years of revolution] *Kungur v gody revoliutsii. [Perm'] Permskoe knizhnoe izd-vo*, 1965, 78 p. (CST-1)

KURA-ARAKS LOWLAND see Kura-Aras Lowland**KURA-ARAS LOWLAND—SOIL MOISTURE**

Wetting temperature in soils of the Kura-Aras Lowland. I. Sh. Iskenderov. *Dokl. AN Azorb. SSR* 21 no. 11 50-53 '65.

KURA LOW LAND—OIL WELLS

Shirvan flowing wells. M. Plesknochovskii. *Nefitank* 10 no. 11 6 *N* '65.

KURA VALLEY—GEOLOGY, STRUCTURAL

Evaluation of recent tectonic movements in the designs of large hydraulic structures. B. L. Belyi. *Vest. Mosk. un. Ser. 4: Geol.* 19 no. 2 49-53 *Mr-Ap* '64.

KUR A VALLEY—HYDRAULIC STRUCTURES

Evaluation of recent tectonic movements in the designs of large hydraulic structures. B. L. Belyi. *Vest. Mosk. un. Ser. 4: Geol.* 19 no. 2 49-53 *Mr-Ap* '64.

KURDISH FOLKLORE see Folklore, Kurdish**KURGAN—KERAMZIT**

Improving the manufacture of keramzit gravel at the Kurgan Plant. N. N. Volodina, B. P. Susev. *Sbor. trud. VNIISTROM* no. 1 102-113 '61.

KURGAN PROVINCE—TRANSPORTATION, AUTOMOTIVE

Resources in action. I. Ol'kov, V. Kulikov, Avt. transp. 46 no. 4 7-8 *Ap* '66.

KURILE ISLANDS—BOTANY

New and rare floral finds on the Kurile Islands and Sakhalin. E. M. Ligorova. *Bull. Glav. bot. sada* no. 60 14-49 '65.

KURILE ISLANDS—FISHERIES

Kray Sveta beyond the waves. Vladimir Sorokin. *Nov. ml.* 12 no. 1 168-199 *Ja* '66.

KURILE ISLANDS—PLANTS, ORNAMENTAL

Ornamental plants of the flora of Sakhalin and the Kurile Islands. I. M. Egorova. *Rast. res.* 2 no. 1 23-41 '66.

KURSK—GUIDEBOOKS

Samsonov, V. I., and M. I. Likhur. [Kursk; a guidebook on historical and monum. places] *Kursk; pulevoditel' po istoricheskim i pamiatnym mestam*, 2., dop. izd. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965, 127 p. illus.

KURSK MAGNETIC ANOMALY—IRON ORES

Efficiency of the development of the ferrous industry in the central Chernozem region with the ores from the Kursk Magnetic Anomaly. I. Mal'tsev. *Trudy INKh* no. 35 120-115 '65.

KURSK MAGNETIC ANOMALY—MINE DRAINAGE

Practice in using the electrodynamic analogy method as the basis for planning the drainage of open-cut mines; as revealed by a study made in the Pogrometskoye iron ore deposit of the Kursk Magnetic Anomaly. A. P. Shehoratenko. *Vop. osush. mest. pol. iskop.* no. 3, 5-24 '64.

KURSK MAGNETIC ANOMALY—ORE DEPOSITS

Commercial types of high-grade ores in the Gostishchevo deposit of the Kursk Magnetic Anomaly. R. V. Kholmskii. *Izv. vsh. ucheb. zav. i geol. razv.* 9 no. 4 60-91 *Ap* '66.

KURSK MAGNETIC ANOMALY—WEATHERING

Effect of weathering processes on the stability of slopes of the Lebedinsk quarry in the Kursk Magnetic Anomaly. A. M. Chavarnov, V. K. Panfilov. *Vop. osush. mest. pol. iskop.* no. 3 106-111 '64.

KURSK PROVINCE—FIRE PREVENTION—CONGRESSES

From the tribune of a congress. V. Surkov. *Pozh. delo* no. 11 33-34 *N* '65.

KURSK PROVINCE—SUGAR BEETS—FERTILIZERS AND MANURES

Effect of the rates and methods of placement of mineral fertilizers on the yield of sugar beets grown in deep Chernozems. A. P. Kudrov. *Khimi. v sel. khoz.* no. 4: 2-0 *Ap* '66.

KUSHAN COINS see Coins, Kushan**KUSHANS**

Khorezm Oasis and the Kushans; some problems in Khorezm numismatics. V. M. Maasson. *Eplg. Vosl.* 17 70-84 '66.

KUSTANAY PROVINCE—MICE

House mouse of Kustanay Province in relation to the cultivation of virgin lands. V. A. Borisenko. *Izv. AN Kazakh. SSR. Ser. biol. nauk* 2 no. 5 35-42 *S-O* '64.

KUSTANAY PROVINCE—ROCKS, SEDIMENTARY

Rhythmic structure of volcanic sedimentary formation in Kholovskaya-Saibayak ore zone. G. S. Porotov, V. G. Lazarevskiy, A. G. Laitinov. *Lit. i pol. iskop.* no. 2: 118-121 *Mir-Ap* '66.

KUYALINK (UKRAINE)—MINERAL WATERS

Role of dialysis and Kuyalink No. 4 mineral water within the complex of sanatorial treatment of patients after stomach operation for peptic ulcers. M. A. Kleiman. *Vop. kur., fizioter. i lech. fiz. kul't.* 30 no. 2: 158-164 *Mr-Ap* '65.

KUYBYSHEV—FIRE EXTINCTION—SOCIETIES, ETC.

Firemen of the Greater Volga. *Pozh. delo* no. 11 8 *N* '65.

KUYBYSHEV—LOCKS (HYDRAULIC ENGINEERING)

Operation of the conduit gates of the Kuybyshev locks. S. Lapshin. *Roch. transp.* 25 no. 3 37-38 '66.

KUYBYSHEV—MOTORBUS TERMINALS

Motorbus stations rating on a self-financing base
V. Soldato. Avt. transp. 44 no. 3:14 Mr '66

KUYBYSHEV PROVINCE—ELECTRIC POWER

Electric power potential of the Kuybyshev Province.
N. V. Kuvshinov, V. G. S. et al. Izv. vuz. uch. zav.,
enrg. 9 no. 1:30-53 p '66.

KUYBYSHEV PROVINCE—FARMS—VALUATION

Practice in carrying out the economic valuation of land
in Kuybyshev Province. A. Rodin, V. Osipov, A. Tulupov,
I. Kon. sel'khoz. 41 no. 4:91-98 Ap '66.

KUYBYSHEV PROVINCE—GEOLOGY, STRUCTURAL

Geological structure of the southern Kuybyshev oil-
and gas-bearing region. E. D. Bolotova. Geol. nefti i
gaza 10 no. 3:28-33 Mr '66.

KUYBYSHEV PROVINCE—GOTTER

Idioms, proverbs, and manglers of folk products
and relations of some districts of Kuybyshev Province,
endemic to gotter. A. V. Tvardovskaya. Vop. pit. 25
no. 2:67-85 Mr-Apr '66.

KUYBYSHEV PROVINCE—OIL FIELD BRINES—ANALYSIS

Content of potassium in the formation waters of oil-bearing
horizons in Kuybyshev and Orenburg Provinces.
A. N. Fortin. Geokhimiya no. 4:380-387 Ap '64.

KUYBYSHEV PROVINCE—PETROCHEMICAL INDUSTRY

Constant control of the course of capital construction
and of the putting into effect of new capacities.
B. Sedunov. Neftekhim. 10 no. 11:32-33 N '65.

KUYBYSHEV PROVINCE—PETROLEUM PRODUCTION

The new, advanced into production. V. E. Zhkov
Neftekhim. 11 no. 4:3-4 An '66.

KUYBYSHEV PROVINCE—PHYSICALLY HANDICAPPED—EMPLOYMENT

Plans are extensive, now let's start work. G. Korablina,
T. Basenkova. Sots. obshch. 41 no. 3:45-47 Mr '66.

KUYBYSHEV PROVINCE—RAILROADS—MAINTENANCE AND REPAIR

Restore the good reputation of the collective. I. D.
Mitschuk. Puti i puf. khoz. 10 no. 5:12-15 '66.

KUYBYSHEV PROVINCE—ROCKS, CARBONATE

Relationship between the dolomitization and porosity of
carbonate producing horizons in the Volga Valley
portion of Kuybyshev Province. I. A. N. Perikova.
Geol. nefti i Gaza 10 no. 3:45-49 Mr '66.

KUYBYSHEV PROVINCE—SOILS—CLASSIFICATION

Practice in carrying out the economic valuation of land
in Kuybyshev Province. A. Rodin, V. Osipov, A. Tulupov,
Ekon. sel'khoz. 41 no. 4:91-98 Ap '66.

KUYBYSHEV RESERVOIR—LOCKS (HYDRAULIC ENGINEERING)

The Kuybyshev, and Gorky navigational structures on the
Volga River are 10 years old. V. Ivanitskiy. Rech. transp.
24 no. 9:32-33 '65.

Improving the reliability and operational characteristics
of locks. A. Maksimov. Rech. transp. 24 no. 9:34-35
'65.

Potential traffic capacity of locks. A. Rynda. Rech.
transp. 24 no. 9:36-37 '65.

KUYBYSHEV RESERVOIR—WATER FLEAS

Population dynamics of Eurytemora lamellatus (Mull.)
(Cladocera) in Kuybyshev Reservoir. E. R. Chernysheva.
Zool. zhur. 45 no. 3:455-456 '66.

KUZ'MIN, VALENTIN PETROVICH

Plant breeder, innovator, and scientist. M. M. Iakubisi-
ner. Vest. sel'khoz. nauki 10 no. 3:137-140 Mr '65.

KUZNETSK ALATAU—DIKES (GEOLOGY)

New data on the age and composition of basic dikes in
the Farala ore zone in the Kuznetsk Alatau. G. V.
Volkovich, V. I. Zemnukhova. Geol. i geofiz. no. 4:
140-143 '61.

KUZNETSK ALATAU—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Upper Pre-Cambrian and Cambrian
of the Kuybyshev (eastern slope of the Kuznetsk
Alatau). G. A. Ivankin, I. I. Koptev, V. E. Nomokonov.
Geol. i geofiz. no. 4:133-140 '64.

KUZNETSK ALATAU—PALEONTOLOGY, STRATIGRAPHIC

Ancient Cambrian sediments in the north of the Kuznetsk
Alatau. P. A. Ponomarev, N. A. Akserina. Geol. i geofiz.
no. 1:45-52 '66.

KUZNETSK ALATAU—ROCKS—CLASSIFICATION

Classification of rocks and basic formation from the
viewpoint of engineering geology in the eastern slope of
the Kuznetsk Alatau. I. A. SerEGINA. Vest. Mosk. un.
Ser. 4 Geol. 19 no. 2:43-48 Mr-Apr '64.

KUZNETSK BASIN—COAL MINES AND MINING

Mining the thin steeply inclined and sloping seams in the
pit mines of the Kuznetsk Basin. V. D. Gannov, P. N.
Moshkin. Fiz.-tekhn. prob. razrab. pol. iskop. no. 6:9-13
'65.

Preliminary calculation of roof movements in the steep
seams of the Kuznetsk Basin. A. G. Shvidin. Fiz.-tekhn.
probl. razrab. pol. iskop. no. 6:141-150 '65.

KUZNETSK BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Generalization of the experience of using powered supports
and units in the flat seams of the Kuznetsk Basin. A. K.
Korovin, V. V. Angarskiy, N. N. Orlovskiy. Fiz.-tekhn.
probl. razrab. pol. iskop. no. 6:118-127 '65.

KUZNETSK BASIN—CORALS, FOSSIL

Dobrolubova, T. A., N. V. Kabakovich, and N. V. Saluti-
na. [Lower Carboniferous corals of the Kuznetsk Ba-
sin] Korally nizhnego karbona Kuznetskoi kotloviny
Moskva, Nauka, 1966. 275 p. (Akademiya nauk SSSR.
Paleontologicheskii institut. Trudy, vol. 111)

KUZNETSK BASIN—FREIGHT AND FREIGHTAGE

Production and economic relations of the industry of the
Kuznetsk Basin. A. I. Pichev. Izv. SO AN SSSR no. 1.
Ser. obshchestv. nauk no. 1:59-65 '66.

KUZNETSK BASIN—INDUSTRIES

Production and economic relations of the industry of the
Kuznetsk Basin. A. I. Pichev. Izv. SO AN SSSR no. 1.
Ser. obshchestv. nauk no. 1:59-65 '66.

KUZNETSK BASIN—IRON INDUSTRY

Siberian metals. E. Salov. NTO 8 no. 4:34-36 Ap '66.

KUZNETSOV, EVGRAF SERGEEVICH, 1901-1960

Evgraf Sergeevich Kuznetsov; obituary. Izv. AN SSSR,
Fiz.-atm. i okean. 2 no. 4:443-444 Ap '66.

KVASS

Improved technology for making dry bread kvass. E. A.
Isakova, G. I. Feinman. Khleb. i kond. prom. 10 no. 4:
7-10 Ap '66.

KYMOGRAPHY

Methods of X-ray kymographic and electron kymographic
study of the heart in vitro. A. Sh. Mopetishvili. Sov. i
AN Gruz. SSR 41 no. 3:733-738 Mr '66.

KYZYL KUM—LEPIDOPTERA

Mass reproduction of injurious Lepidoptera in the south-
western Kyzyl Kum. A. G. Davletshina, M. A. Radzivilovs-
kaia. Uzb. biol. zhur. 10 no. 1:65-66 '66.

KZYLD-ORDA PROVINCE—RICE

Current problems of the development of rice sowing.
M. Ikaanov. Part. zhizn' no. 10:27-32 Mr '66.

LABIATAE see subdivision under Ukraine

LABOR AND LABORING CLASSES

(see also subdivision under France; Georgia; Iran;
Kazakhstan; Pakistan)

Labor and capital. René Andrieu and others. Nov. vrom.
23 no. 18:3-7 Mr '66.

Scientific session dedicated to the history of working
class of Russia in the period of capitalism. K. I.
Domeshyn. Ukr. ist. zhur. 8 no. 1:152-153 '64.
Theoretic working out of the problem of accounting for
the expenditure of public labor in Soviet economics
literature of the "military communism" period. G. G.
Bogomazov. Vest. LGU 21 no. 5:13-13 '66.

Work of the Scientific Research Institute of Labor.
Sots. trud. 11 no. 4:160-162 Ap '66.

LABOR AND LABORING CLASSES—DWELLINGS

The house where we live. V. Derbinov. Mol. komm.
no. 3:80-83 Mr '65.

LABOR AND LABORING CLASSES—EDUCATION

(see also subdivision under Uzbekistan)
If you work and study. V. Korotkov. Okhr. truda i sots.
strakh. 9 no. 5:42-44 Mr '66.

LABOR AND LABORING CLASSES—MEDICAL CARE

(see also subdivision under Lithuania; Vladivostok)
Medicinal and preventive diet free of charge. V. Volkov.
Okhr. truda i sots. strakh. 9 no. 5:41-42 Mr '66.
Occupation and vitamins. I. Tsvang. Okhr. truda i
sots. strakh. 9 no. 4:20-21 Ap '66.

LABOR DISCIPLINE

For the further systematization of disciplinary law.
M. Edel'man. Rad. pravo 29 no. 4:76-70 Ap '66.

LABOR DISPUTES

Let's improve the settlement of labor disputes by all
possible means. V. Smolarchuk. Okhr. truda i sots.
strakh. 9 no. 4:27-30 Ap '66.

LABOR LAWS AND LEGISLATION

For the further systematization of disciplinary law.
M. Edel'man. Rad. pravo 29 no. 4:76-70 Ap '66.

Release from work. V. Nikitinskiy. Sov. pravo no. 23
no. 8:43-45 Ap '66.

Russia (1923— U.S.S.R.) Tsentral'nyi metodicheskiy
kabinety po spetsializatsii i formirovaniyu
[Fundamentals of Soviet civil and labor law, program
for secondary specialized schools in the field of eco-
nomics] Osnovy sovetskogo grazhdanskogo i trudovogo
prava, programma dlya srednikh spetsializirovannykh
zavedenii po ekonomicheskimi spetsializatsii
Moskva, 1965. 26 p.

[MICROFILM]

Survey of labor legislation. Sots. trud. 11 no. 4:157-159
Ap '66.

Temporary substitution. Sots. trud. 11 no. 1:113-117 Ap
'66.

When they break the law... O. Laptev. Okhr. truda i
sots. strakh. 9 no. 5:5-6 Mr '66.

LABOR PASSPORTS

How to evaluate the conclusions of an expert in the field
of work papers. A. Gusev, V. Gorasimov. Sots. obshch.
41 no. 3:57-60 Mr '66.

Revision of labor documents. A. Gusev, V. Gorasimov.
Sots. obshch. 41 no. 4:53-55 Ap '66.

LABOR PRODUCTIVITY

Labor discipline is a pledge of success. M. A. Gerasimov.
Mashinostroitel' no. 5:2-4 Mr '66.

Long range planning for the level of labor productivity.
S. Skolnik. Trudy INKh no. 35:3-10 '65.

On the efficiency of managerial work. M. A. Gerasimov.
Trudy INKh no. 35:233-240 '65.

LABOR REST HOMES—STANDARDS

Russia (1923— U.S.S.R.) Gosudarstvennyi standart
dlya stroitel'stva. [Construction specifications and
regulations] Stroitel'stvo no. 1:14-15. Moskva,
Stroizdat.

Pl. 2. Sec. L. Ch. 10. [Rest homes, design and con-
struction] Uchebnoe posobie dlya inzhenerov i
spetsialistov (SNIP II-L. 1962). 1966. 13 p.

LABOR SUPPLY see subdivision under Chelyabinsk
Province; Latvia; Leningrad; Magadan Province;
Russia, Northern; Uzbekistan

LABURNUM see subdivision under Slavropol Territory

LABYRINTH (EAR)

How to train the vestibular apparatus. I. Pishchegorov.
Kryl. i od. 17 no. 5:31 Mr '66.

LADYBIRNTH (EAR)—SURGERY

Stability of the compensatory mechanism of the ear in
system in acute radiation lesion, based on a model of
unilateral labyrinthectomy. V. A. Galichik. Med. i
biol. i med. 61 no. 3:40-51 Mr '66.

LAC INSECTS—PARASITES see Parasites—Lac
insects

LACE AND LACEMAKING see subdivision under Africa

LACQUER AND LACQUERING—TESTING

Method of determining the thickness of lacquer coatings.
V. N. Povorov and others. Kauch. i rez. 24 no. 1:41-42
52 Mr '65.

LACRIMAL ORGANS

Anatomy of the lacrimal glands in rats. V. I. Khramov.
Biol. zhur. i med. 61 no. 3:112-114 Mr '66.

LACTIC ACID

Synthesis of lactic acid based on propylene (via 1,1-
nitratopropionic acid). B. F. Uslavskikh and others.
Neftekhimiya 9 no. 1:116-122 Jan-F '66.

LACTIC ACID IN THE BODY

Lactic and pyruvic acid consumption by the myocardium
under artificial blood supply. P. P. Stapanian, P. I.
Gosolovich, D. D. Borshdenko. Dokl. AN SSSR 167
no. 5:1205-1207 Ap '66.

LACTONES

Isolation of milulactone from Artemisia tridentata Willd.
K. S. Rybalko. Khim. prirod. soed. no. 3:143-144 '65.

LACTOSE

Effect of lactose and peptin upon thiamine synthesis in
the intestinal flora in dogs. I. B. Kuvshinov, V. V. Kri-
zanova. Vop. pit. 23 no. 3:47-53 Mr-Ju '64.

LACTUCA see subdivision under Caucasus

LADYBIRDS

(see also subdivision under Soviet Central Asia)

Experimental taxonomic analysis of the geographical
variation and form development in Epilachna chrys-
omellina F. (Coleoptera, Coccinellidae). N. V.
Timofeev-Ressovskiy, E. A. Timofeeva-Ressovskaya, I. P.
Tsimmermann. Trudy Inst. biol. UFAN SSSR no. 44:
27-63 '65.

Ladybirds as enemies of pseudoscorpions and aphids. G. I.
Savitskaya. Vest. sel'khoz. nauk [Kazakh.] 9 no. 3:
63-69 Mr '66.

LAIGO, ARKADIO, 1901-1944

Ambur, Paul [Arkadio Laigo's ex libris] Arkadio Laigo ekslibrisisteti Tallinn, Kirjastus "Eesti Raamat", 1965. 45 p illus. [in Estonian]

LAKES see subdivision under Russia, Northwestern

LAMB (MEAT) see subdivision under Kazakhstan

LAMBIN, ALEKSANDR ZAKHAROVICH, 1887-1965

Aleksandr Zakharovich Lambin, an obituary. E I Shkonde and others. Agrokhimia no 161-165 Ap '66.

LAMBLIASIS see Giardiasis

LAMBS see subdivision under Kazakhstan

LAMBS—DISEASES AND PESTS see subdivision under Kazakhstan

LAMBS—FEEDING AND FEEDS see subdivision under Kazakhstan

LAMELLIBRANCHIATA see subdivision under Caspian Sea

LAMINAR FLOW

Effect of the rate of transverse flow in an incompressible boundary layer on the stability of laminar flow. IU, N. Alekseev, A. I. Korotkin. Izv AN SSSR, Mekh, zhid i gaz no. 1-32-10 Ja-F '66.

Integration of equations describing the laminar flow of ideally plastic bodies. B. A. Dulanov, Dokl. AN SSSR 167 no. 5 1023-1024 Ap '66.

Mixing of two-dimensional laminar flows. L. M. Simund Izv AN SSSR, Mekh, zhid, i gaz no. 1 149-150 Ja-F '66

Temperature distribution in the laminar flow of an incompressible fluid in a rectangular channel taking energy dissipation into account. N. P. Ikrannikov, Inzh.-fiz. zhur 10 no. 3:300-310 Mr '66.

LAMINATED METALS

Characteristics of pressure workability of two-layer metals. A. P. Golovanova, B. N. Shevtok, Khim, i nef, mashinost, no. 1:39-42 Ap '65.

Experience in designing and manufacturing chemical apparatus from two-layer steels. V. M. Makarov, T. A. Bikhentsov. Khim, i nef, mashinost, no. 4:10-12 Ap '65.

High-strength two- and three-layer steel as a structural material. V. D. Katikhin and others. Khim, i nef, mashinost, no. 1:20-23 Ap '66.

Investigating the process of cold extrusion of bimetal pipe. M. S. Gildengorn. Kuz.-stann, proliz, 8 no. 3:16-18 Mr '66.

Magnetoelastic bimetal. D. V. Khristenkov. Avtom, i telex, no. 3:153-157 '66.

Manufacturing apparatus from two-layer sheets obtained by the explosion method. I. N. Orlov and others. Khim, i nef, mashinost, no. 4:27-29 Ap '65.

Methods of reducing metal consumption in the production of two-layer steel. D. I. Pilyavov and others. Met. i gor. prom. no. 2:42-44 Mr-Apr '66.

Prospects for using two-layer metals in chemical and petroleum machinery manufacturing. B. N. Shevtok, D. T. Logonov. Khim, i nef, mashinost, no. 4:46-47 Ap '65.

Some problems of the calculation for strength of vessels and apparatus from two-layer steels. V. I. Rachev. Khim, i nef, mashinost, no. 4:13-17 Ap '66.

Thermobaric elements with increased sensitivity. L. A. Shestopalov. Tруд NIIGMP no. 13 99-109 '65.

Two layer steels for chemical machinery manufacturing. S. A. Golovanenko, L. V. Miantov. Khim, i nef, mashinost, no. 4:17-20 Ap '66.

Two-layer steels in petroleum refining machinery. V. G. Pivovarov, Z. A. Abramova. Khim, i nef, mashinost, no. 4:24-28 Ap '66.

Using two-layer steels for manufacturing containers. S. A. Gladyshevskaya and others. Khim, i nef, mashinost, no. 4:26-27 Ap '65.

Using two-layer steels in chemical machinery manufacturing. V. K. Kharitonov. Khim, i nef, mashinost, no. 4: 4-6 Ap '66.

We will fulfill the Directives of the 23d Congress of the CPSU regarding the economy of materials. A. V. Pletkin. Khim, i nef, mashinost, no. 4:1-4 Ap '66.

Welding the joints of pipes made from two-layer metal (Kh4Ni8V2B steel + M2S copper). I. N. Modirish and others. Khim, i nef, mashinost, no. 4:29-30 Ap '65.

LAMINATED METALS—CORROSION

Corrosion resistance of two-layer metals. M. M. Krut'ko, V. N. Kharilova, N. A. Adugina. Khim, i nef, mashinost, no. 1:36-39 Ap '66.

LAMINATED METALS—METALLOGRAPHY

Cementite in the transition layer of a steel-bronze bimetal. V. S. Popov and others. Metalloved, i term. obr. met. no. 6:50-52 Je '65.

Structure and the phase constitution of the diffusion layer in bimetal ion-aluminum castings. K. I. Vashchenko and others. Izv. vyz. ucheb. zav. Chern. met. 9 no. 4:132-141 '66.

LAMINATED METALS—WELDING

Characteristics of the manufacture of apparatus from two-layer metals. A. D. Domashnev. Khim, i nef, mashinost, no. 4:7-10 Ap '65.

Manual electric arc welding of St. 3 steel + OKh23N28M2DZT. V. P. Akhuntsava and others. Khim, i nef, mashinost, no. 4:30-33 Ap '66.

LAMINATED PLASTICS

Misonko, V. T. [Strength and creep of laminated plastics, compression, stretching, bending] Prikladn. i polzuchest. sloistykh plastikh, szhati, iastiazhenie, izgib. Kiev, Naukova dumka, 1966. 203 p.

LAND TENURE see subdivision under Kazakhstan

LAND TENURE—LAW

Bogolepov, R. D., N. M. Borodanov, and A. A. Ruskol. [Soviet land law, textbook for law schools on the middle level] Sovetskoe zemel'noe pravo, uchebnik dlia srednikh iuridicheskikh shkol. Otv. red. A. A. Ruskol. Moskva, Iuridicheskaya literatura, 1965. 239 p.

LANDFORMS

(see also subdivision under Bol'shiye Lakhty Valley; Minsk Province)

Effect of the relief of the upper surface on the results of measuring gravity in boreholes. P. I. Lukavchenko. Fiz. i geofiz. no. 42:141-154 '65

LANDFORMS—MAPS see subdivision under Burma

LANDLORD AND TENANT

Poldman, A. M. [Rights and duties of renters of housing units] Prava i obiazannosti nanimatelia zhilogo pomeschenia. Kiev, Duvir'nyk, 1966. 139 p.

LANDSCAPE

Present state of the landscape theory and its principal philosophical problems. E. Szaya-Kovats. Izv. AN SSSR, Ser. geog. no. 2:102-111 Mr-Apr '66.

LANDSCAPE ARCHITECTURE

(see also subdivision under Kharkov)

Elements of city landscaping. E. Mikulina. Arkhit. SSSR no. 2 19-21 '66

Landscape architecture of a city of science. N. Titova. Arkhit. SSSR no. 2:12-14 '66.

Some methods of vertical planting. L. Nikolaeva, R. Oborina, I. A. Savina. Arkhit. SSSR no. 2:15-18 '66.

LANGUAGE AND LANGUAGES

Kondratov, A. M. [Sounds and signs] Zvuki i znaki. Moskva, Znanie, 1966. 285 p.

LANGUAGE AND LANGUAGES—AUDIO-VISUAL AIDS

Technology helps to study languages. A. Antipov. Tekh. i vooruzh. no. 9:52-53 S '65.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and Languages

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Auerbach, T. D. [They're studying foreign languages] On izuchaiut inostrannyeazyki. Moskva, Znanie, 1965. 62 p. (Nerodnyi universitet; Pedagogicheskii fakul'tet, no. 8)

How to study foreign languages. T. Auerbach. V mire knig 6 no. 3:41 Mr '66.

LANGUAGES, MODERN—STUDY AND TEACHING

Foreign languages and professions. P. N. Piatonov, K. I. Kulsonko, I. M. Derman. Vest. vyz. shkoly 24 no. 3:58-59 Mr '66.

Technical laboratory work in a foreign language. V. S. Raydonik and others. Vest. vyz. shkoly 24 no. 3:91-92 Mr '66.

LANTHANUM COMPOUNDS

Boron carbides of lanthanum. L. I. Markovskii, N. V. Vekshina, G. F. Pron'. Zhur. prikl. khim. 39 no. 2 245-251 F '65.

LARCH see subdivision under Archangel Province; Ural Mountains

LARVAE—INSECTS

Fundamental differences in the external structure between the 1st larval instar of the bloodsucking midge Lasiohelea sibirica Bujan and the larvae of bloodsucking midges of the genera Culicoides and Leptoconops; a preliminary report. N. K. Shipilina, R. M. Gornostayeva. Med. paraz. i paraz. bol. 35 no. 1:32-35 Ja-F '66.

Luminescence analysis of the tissue reaction to hexachloran poisoning of the caterpillars of Agrotis segetum Schiff. I. Kh. Maksudov, V. L. Aleksandrova. Uzb. biol. zhur. 10 no. 1:13-15 '66.

LARVAE—MOLLUSKS

Organization of the endoparasitic mollusk Asterothelma japonica Randall et Heath. Report No. 2 Larval structure and taxonomic position. E. N. Gruzov. Zool. zhur. 45 no. 2:177-181 '66.

LARVAE—WORMS

Larvae of the trematodes of the family Opencolidae Ozaki, 1925, the parasites of Black Sea mollusks. A. V. Dolgikh. Zool. zhur. 45 no. 2:293-297 '66.

Ontogeny of Cylindrocephorus bicoloratus Mooss, 1900, a parasite of the large intestines of a horse. N. I. Domshin. Soob. DVFAN SSSR no. 23 119-123 '64.

LARYNX—CANCER

Morphological characteristics of carcinoma in situ of the larynx. L. A. Cherkasskii. Vop. onk. 10 no. 1:46-53 '64.

Radiation reactions and postirradiation complications in X-ray and radiotherapy of cancer of the larynx. S. V. Tsvetkov. Soob. stud. nauch. lab. Arkh. gos. med. inst. no. 2 46-47 '63

LASERS

Characteristics of the regime of operation of a laser with a movable ruby crystal. B. L. Lishits and others. Pis'ma v red. zhur. eksper. i teoret. fiz. 3 no. 7 279-281 Ap '66.

Determination of losses in a ruby laser with a disadjusted resonator. V. A. Pilipovich, L. A. Bogdanovskaya, V. I. Lichedev. Zhur. prikl. spekt. 4 no. 3:236-239 Mr '66.

Dynamics of the field and generation frequency in the giant pulse of a laser with a passive shutter. V. V. Kozobin and others. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 7:301-303 Ap '66

Effect of Stokes displacement on the working frequency of a laser. B. I. Stepanov, A. N. Rubinov. Zhur. prikl. spekt. 4 no. 3:222-225 Mr '66.

Fluctuations in radiation from a gas laser. IU, I. Zaitsev. Zhur. eksper. i teoret. fiz. 50 no. 3:525-533 Mr '66.

Gas and semiconductor lasers. G. N. Stebn, I. V. Vasil'ev. Vest. potirovoz. obr. no. 4:81-84 Ap '66.

The gas laser. Classroom demonstrations of its operation and use in a physics laboratory. T. S. Velichkina, O. A. Shustin, I. A. Iakovlev. Usp. fiz. nauk 88 no. 4 753-758 Ap '66

Hardening of steel under the action of lasers. L. I. Mirkin, N. F. Piletskii. Metalloved, i term. obr. met. no. 3: 70-72 Ap '66.

Laser radiation (field focused by real systems. D. I. A. Zel'dovich, N. T. Piletskii. Izv. vyz. ucheb. zav.; radiofiz. 9 no. 1:95-101 '66

Laser with nonresonance feedback. R. V. Ambarisumian and others. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 6 261-264 Mr '66.

Lifetime of the excited state in gases. G. A. Begiyashvili, O. N. Chavchavadze. Soob. AN Gruz. SSR 41 no. 2 301-307 F '66.

Luminescence and photoconductivity of ZnS - Cu and ZnS - Tm when irradiated by a ruby laser. T. P. Belikov, E. A. Sviridenkov. Izv. AN SSSR. Ser. fiz. 30 no. 1:570-572 Ap '65.

Luminescence of CdS - CdSe crystals of the laser generation type due to two-photon excitation with a ruby laser. M. S. Brodin and others. Ukr. fiz. zhur. 11 no. 3:344-345 Mr '66.

Mashkevich, V. S. [Fundamentals of the kinetics of laser radiation] Osnovy kinetiki izlucheniia lazorov. Kiev, Naukova dumka, 1966. 234 p.

Nonsteady-state thermal processes in semiconductor lasers from gallium arsenide. A. S. Logginov, V. V. Kurylov, V. I. Shvetkin. Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2:118-120 Mr-Apr '66.

Parametric interaction of infrared waves in a medium with intense molecular vibrations. B. A. Akanaev, I. A. Pelselt. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 3:327-329 Ap '65.

Semiconductor laser with two-photon optical excitation. N. G. Basov and others. Zhur. eksper. i teoret. fiz. 50 no. 3:551-559 Mr '66.

Theory of the generation of the second harmonic of light in focused beams. D. I. A. Zel'dovich. Zhur. eksper. i teoret. fiz. 50 no. 3:580-590 Mr '66.

Use of a laser operating at peak capacity to produce a high-temperature plasma. M. P. Vanukov and others. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 3:316-318 Ap '65.

LASERS—PHYSIOLOGICAL EFFECT

Effect of pulse ruby laser radiation on the eye cornea. L. A. Sevast'yanova. Biofizika 11 no. 2:295-298 '66.

LASURE, FRANS

Engravings by Frans Lasure. S. Ivenskii. Iekusstvo 28 no. 2:57 '66.

LATHES

Local section from a turning lathe. I. I. Kirillov. Vod. i san. tekhn. no. 5:36 My '65.

The 1851 standard boring and turning lathe. V. F. Molodtsov. Biut. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 3:7-9 Mr '66.

LEAKAGE ELECTRIC CURRENTS see Electric currents, Leakage

LEAST SQUARES

Applying a variant method of least squares to the calculation of structures simultaneously with the foundation by means of an electronic digital computer A. A. Khrankov Izv. VNIIG 74 281-295 '64

LEATHER

Use of sulfamic acid in the manufacture of kid and chrome goatskin leather. Ch. F. Raikov Kozh.-obuv. prom. 8 no. 3:27-28 Mh '66

LEATHER—STANDARDS

Tentative new standard for the classification of chrome leather for shoe uppers. V. N. Zaslavin Kozh.-obuv. prom. 8 no. 3:8-9 Mh '66

LEATHER, ARTIFICIAL

Rheological properties of polyester-urethane solutions. N. A. Tsvetkova and others. Nauch.-issl. trudy VNIIPK no. 15:64-68 '64

Studying the properties of "LG" copolymeric latex and the possibilities of its use in the manufacture of porous artificial leather. T. V. Lupicheva and others Kozh.-obuv. prom. 8 no. 3:21-24 Mh '66

Use of carbonyl containing rubber in the manufacture of artificial leather for shoe uppers. I. A. Shtern, I. V. Plotnikov, S. A. Pavlov. Nauch.-issl. trudy VNIIPK no. 15:3-8 '64

Using the method of washing out water-soluble substances in the forming of pores in polymers. I. A. Shtern, I. V. Plotnikov, S. A. Pavlov. Nauch.-issl. trudy VNIIPK no. 15:8-14 '64

LEATHER INDUSTRY

Tasks of the leather and shoe industry in 1966. Kozh.-obuv. prom. 8 no. 3:1-3 Mh '66

LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES

Device for switching the electric lamps of the fluorescent examination tables for the sorting of pigskins. N. I. Artamonova, V. A. Syrtsov, L. P. Konoiseva. Kozh.-obuv. prom. 8 no. 3:32-33 Mh '66

LEATHER SUBSTITUTES

Hygienic insert insoles for shoes. E. I. Bukhnikov and others. Kozh.-obuv. prom. 8 no. 3:28-32 Mh '66

LEAVES—OPTICAL PROPERTIES

Relationship between the optical activity of leaves and the angle of incidence of a directed light beam. S. G. Gumlinskii, V. V. Kireeva. Nauch. dokl. vys. shkoly, biol. nauki no. 2:93-98 '66

LECTURES AND LECTURING

Lecture and seminar. T. V. Ampleeva and others. Vop. ist. KPSS 10 no. 5:146-150 My '66

LEG—BLOOD SUPPLY

Contrast phlebography as a method for finding precise indications for surgery on veins of the lower extremities. E. D. Zav'yalov. Khirurgia 42 no. 4 80-84 Ap '66

Transcatheter contrast phlebography of the lower extremities. R. P. Askerkhanov. Khirurgia 42 no. 4 84-89 Ap '66

LEG—SURGERY

Flap or open method of surgery on varicos of the brain. V. V. Ivanov. Khirurgia 42 no. 4:71-75 Ap '66

LEGAL PHOTOGRAPHY

 see Photography, Legal

LEGISLATIVE BODIES

 see subdivision under Great Britain

LEGUMES

Effect of individual legumes on the yield and botanical forms of grass stands in a flooded meadow. T. A. Babonov. Agrokhimika no. 4:54-56 Ap '66

LEGUMES—FERTILIZERS AND MANURES

(see also subdivision under Molasses)

Effect of molybdenum and boron in loamy turf-Podzolic soils on the yield of peas and forage beans. V. S. Rubenau, M. M. Rumanovskaya. Vostochn. AN BSSR, Ser. sel'khoz. nav. no. 1:44-49 '66

LEISHMANIASIS—RESEARCH

Method of forced infectious feeding of sand flies (subfamily Phlebotominae) with measured quantities of leishmanoid cultures. A. N. Alekseev, V. M. Saf'yanov, Med. parazit. i parazit. bol. 35 no. 1:49-55 Ja-F '66

LENA RIVER—FISHES

Distribution of migratory fishes of the Lena River in fattening grounds. V. V. Kuznetsov, E. N. Aleksandrova. Zool. zhur. 45 no. 2:228-236 '66

LENA VALLEY—BRINES

Plinniki, E. V. [Brines of the Angara-Lena artesian basin; characteristics of their distribution, their composition, dynamics, formation, and utilization] Rassey Angara o-Lenskogo artezianskogo basseina, zakononmerno razmeshcheniia, sostav, dinamika, formirovanie i ispol'zovanie. Moskva, Nauka, 1966. 331 p

LENGTH MEASUREMENT

Automatic and inertialless measurement of geometrical characteristics of objects. V. V. Dobryn, M. V. Stabnikov, B. G. Tikhonov. Mekh. i avtom. proizv. 20 no. 4:19 Ap '66

LENIN, VLADIMIR IL'ICH, 1870-1924

At the source of the scientific organization of labor. An interview with L. A. Fedeva. Sots. trud 11 no. 4: 73-77 Ap '66

Borudkov, Iu. F. [Lenin's contribution to the theory of knowledge] Leninskii vklad v teoriu poznania. Moskva, Znanie, 1966. 47 p. (Novoe v zhizni, nauke, tekhnika. 2 Seriya: Filosofiya, no. 1)

By the legacies of our leader. Voen. znani, 42 no. 4:1-3 Ap '66

Chapkovich, V. S., and M. V. Chekalin. [Triumph of Lenin's norms of party and government life] To zhestvo leninskikh norm partinnoi i gosudarstvennoi zhizni. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 46 p.

Corresponding with the co-workers of Il'ich. A. Ryndlug. Rad. shk. 44 no. 4:25-27 Ap '66

Fortunate quests. G. Fedakina. Sov. pech. no. 11:24-25 N '64

From V. I. Lenin's new documents. Vest. stat. no. 4:1-18 '66

Great quest. G. Khaik. Mol. komm. no. 6:61-70 Ja '64

Lenin documents on petroleum. F. G. Kiselev. Neftianik 11 no. 4 16-17 Ap '66

The Leninist phase of Marxist philosophy and its present-day problems. M. Iovchuk. Kommunist 43 no. 6:39-49 Ap '66

Lenin's ideas as a source for the theoretical and practical development of the physical education movement. G. S. Demeter. Teori. i prakt. fiz. kul't. 20 no. 4:1-3 Ap '66

Let us study V. I. Lenin's works more thoroughly. K. Abasov, N. Gudkov. Bibliotekar' 43 no. 4:14-19 Ap '66

Marxist ideas on the role of the political party and its tasks in the revolutionary movement as developed by V. I. Lenin. V. P. Chaplin. Nauch. dokl. vys. shkoly, filoz. nauki 6 no. 2:106-111 '66

Name indexes to the volumes of V. I. Lenin's "Complete works." S. P. Kirilukhin, V. N. Kosenko, E. B. Strukova. Vop. ist. KPSS 10 no. 5:115-120 My '66

New data on the struggle of V. I. Lenin and the Communist International for the unity of the labor movement in 1921-1922. Iu. L. Mocheanov. Vest. LGU 21 no. 5:5-12 '66

A present from Moscow. M. Iul'ianov. Mol. komm. no. 2:68-67 '66

The principle of historicism in the critical evaluation of liberal populism and "legal Marxism" by V. I. Lenin. V. V. Ivanov. Trudy VGU 170:3-34 '66

Room dedicated to Il'ich. A. Elytkin. Prof.-tekhn. obr. 23 no. 4:7-9 Ap '66

Semenov, A. S. [Unforgettable encounters with V. I. Lenin. As told to I. Panachevskii] Nezabyvaemye vstrechi s V. I. Leninym. Literaturnaya zapis' I. Panachevskogo, Kishinev, Karla Moldovenaske, 1965. 29 p.

Some problems of the origin of the Lenin stage in political economy. I. M. Mrachkovskaya. Uch. zap. kaf. polit. ekon. no. 8 81-90 '66

Third volume of works on Leninism: the 50th anniversary of the Soviet regime. V. mire knig 6 no. 3:3 Mr '66

A treasure house of thought. M. Pankratova. V. mire knig 6 no. 3:2-3 Mr '66

Truth of the party: on the sixtieth anniversary of V. I. Lenin's article "Party organization and party literature" A. Dubrovina. Vop. ist. 9 no. 11:3-15 N '65

V. I. Lenin and great revolutionary changes in the public education of the Ukraine. O. R. Mazurkevich. Rad. shk. 44 no. 4:1-8 Ap '66

V. I. Lenin and the establishment of the Soviet Ukrainian state. V. Tsvetkov. Ark. Tkach. Rad. pravo 29 no. 4:17-21 Ap '66

V. I. Lenin and the nationalization of the petroleum industry. E. Safronov. Neftianik 10 no. 10:16-19 O '66

V. I. Lenin and the problems of socialist management. M. Molodtsov. Ekon. i sel'khoz. 41 no. 4:8-18 Ap '66

V. I. Lenin as educator. D. P. Markulie. Rad. shk. 44 no. 4:19-22 Ap '66

V. I. Lenin on the leading role of the Communist Party in Soviet society. L. Iu. Boronshtein. Ukr. ist. zhur. 10 no. 4:93-101 Ap '66

V. I. Lenin on the participation of the peasants in the work of the People's Commissariat of Agriculture. S. Butchinskaya. Ekon. i sel'khoz. 41 no. 4:18-19 Ap '66

V. I. Lenin on the role of equipment in armed warfare. S. Z. Gollikov. Vest. protivovozd. obr. no. 4:9-13 Ap '66

V. I. Lenin on the theory of governmental control. D. A. Gerimov. Vest. LGU 21 no. 5:95-106 '66

V. I. Lenin's efforts to develop the ideas of proletarian internationalism. O. P. Troianovskii. Ukr. ist. zhur. 10 no. 4 30-10 Ap '66

V. I. Lenin's participation in the magazine "Zaria Povolzh'ia" L. S. Rozental'. Vop. ist. KPSS 10 no. 5:112-114 My '66

V. I. Lenin's revolutionary theory and social psychology. B. F. Pivshinov. Ukr. ist. zhur. 10 no. 4:3-16 Ap '66

V. I. Lenin's views on correlation between national and international factors in social development. V. M. Hunchakova. O. A. Makarenko. Ukr. ist. zhur. 10 no. 4 19-29 Ap '66

Vladimir Il'ich and public education. A. V. Lunacharskii. Nach. shkola 34 no. 4:8-13 Ap '66

Youth of old Bolsheviks. A. Gukovskii. Nov. mir 42 no. 2 268-271 F '66

LENIN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY

 see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

A friend among friends. I. A. Makarenko. Agitator 33 no. 8:53-55 Ap '66

Priceless relic. I. Koshman. Shkola i protz. 10 no. 4: 83-84 Ap '66

University faculty where the immortal Lenin studied. A. Bazhanov. IA Avrakh. Sov. iust. 30 no. 8:7-9 Ap '66

LENIN, VLADIMIR IL'ICH, 1870-1924—MONUMENTS ETC.

Monument to the great leader. Stroitel'sk. 12 no. 3: 1c-2d Mr '64

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

Rudnev, D. M. [Preserved by people and time; documentary sketches] Sberazhennoe sud'mi i vremenem, dokumental'nye ocherki. Tatlin, East Raamal, 1966. 291 p.

LENIN, VLADIMIR IL'ICH, 1870-1924—PERSONALITY

 V. I. Lenin in the reminiscences of his contemporaries. A. Tarasenko. Kommunist 43 no. 6:121-128 Ap '66

LENIN, VLADIMIR IL'ICH, 1870-1924—SONGS AND MUSIC

Dzhorisaeva, Zh. G. [Lenin's image in Soviet music] Obraz Lenina v sovetskoi muzyke. Moskva, Znanie, 1966. 31 p. (Novoe v zhizni, nauke, tekhnika VI Seriya: Literatura i iskusstvo, no. 8)

LENIN IN LITERATURE AND ART

Competition for a design for a monument to V. I. Lenin. T. Shul'gina. Stroitel'sk. 12 no. 3:8-9 Mr '66

LENIN PRIZES

Winners of the International Lenin Peace Prize. Nov. vrem. 23 no. 19:9 My '66

You are my friend, O man! The books proposed for the Lenin Prizes of 1966. V. mire knig 6 no. 3:26-28 Mr '66

LENNAKAN—COTTON SPINNING

Team leader of spinners. N. Pakov. Prom. Arm. 7 no. 4:53-54 Ap '64

LENNAKAN—FORGING MACHINERY

New forging and pressing equipment. R. Karapetian. Prom. Arm. 9 no. 1:46-41 Ja '66

LENNAKAN—INDUSTRIAL SAFETY

Problems of labor protection are in the center of attention. N. Eglezian. Prom. Arm. 7 no. 4:17 Ap '64

LENNAKAN—INSTRUMENT INDUSTRY

Fight for high quality of production continues. R. Sarkisian. Prom. Arm. 9 no. 1:12-13 Ja '66

LENNAKAN—TEXTILE INDUSTRY

Lennakan Textile Works win new positions. V. Moliseev. Prom. Arm. 7 no. 4:15-17 Ap '64

LENNORAD—AIR DEFENSES

The role of local air defenses in the Battle of Leningrad during the Great Patriotic War, June 1941-January 1943. A. N. Belasov. Vest. LGU 21 no. 8:24-35 '66

LENNORAD—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Design, experiment, technology, and effectiveness. P. G. Vetrov. Stroitel'sk. 12 no. 4:13-15 Ap '66

Service areas for residential developments. Iu. B. Khromov. Stroitel'sk. 12 no. 4:13-25 Ap '66

Sixteen-story large-panel buildings: designs of apartment houses for construction by the Neva Housing Construction Combine. A. G. Zulfugarov. Stroitel'sk. 12 no. 4:13-8 Ap '66

1966.
Vishkiy is substitute for phenol raw materials in the production of phenol-formaldehyde resins for plastic binding. V.D. Lisenko and others. Der. tekhn. 12 no. 3-10 Ap '66.
- Zinc chloride activation of raw coal from lignin. I. P. Murav, B. G. Ushakov. Vest. AN BSSR Ser. Khim. nav. 19, 4:112-114 '66.
- LIGNIN—SPECTRA**
Ultraviolet spectroscopy of lignin preparations in a solid state. D. D. Malsaitis, G. P. Grigor'ev. Trudy LITISBP no. 18:66-69 '65.
- LIGNITE** see sub-division under Kansk Basin, Mariitsa Valley, Transcarpathia, Ukraine
- LIGNOSULFONIC ACIDS**
On the properties of lignosulfonates and their use in the production of paper. V. I. Lisenko. Vest. tekhn. prom. 12:127-128 Jan '66.
- On the properties of lignosulfonates. G. P. Gilyukh, V. I. Lisenko. Vest. tekhn. prom. 12 no. 3:716-719 Mar '66.
- LIMES OF THE VALLEY**
Furnace tests of the limestones of Conchallaria. N. O. Chernob, I. H. Zolotarev. Vest. tekhn. prom. 12 no. 5:71-73 '64.
- LIMESTONE**
Geological-geographical under Perm Province, Yakovleva Valley, Ukraine
Burial of limestone for limestones and their use in the classification of carbonate rocks. V. P. Mikhov. Vest. tekhn. prom. 12:130-133 Mar-Apr '66.
- LIMING OF SOILS**
Burial of limestone for limestones and their use in the classification of carbonate rocks. V. P. Mikhov. Vest. tekhn. prom. 12:130-133 Mar-Apr '66.
- Limit for sugar beets. A. L. Oshin, T. N. Tryshkina. Vest. AN BSSR Ser. Khim. nav. 19, 5:57-57 '66.
- LIMIT THEOREMS (PROBABILITY THEORY)**
Absolute estimate of the remainder in the central limit theorem. A. M. Zolotarev. Teor. veroiat. i ee prim. 11 no. 1:109-114 '65.
- Estimation of the remainder in Landberg's theorem. I. A. B. Zolotarev. Vest. tekhn. prom. 12 no. 1:129-140 '66.
- Limit theorems for random walks. Part 2. A. V. Skorokhod, N. P. Stetsko. Teor. veroiat. i ee prim. 11 no. 1:166-167 '66.
- Rate of convergence in a local limit theorem for lattice distributions. N. G. Gantmakher. Teor. veroiat. i ee prim. 11 no. 1:129-140 '66.
- LIMITATION OF ACTIONS**
Limitation of strictly determining the period of limitation. D. I. Ushakov. Rad. pravo. 28 no. 4:68-70 Apr '66.
- LINEAR DIFFERENTIAL EQUATIONS** see Differential equations, Linear
- LINEAR PROGRAMMING**
Construction of additional limitations in the solution of problems in integral linear programming. I. U. Finkel'shtein. Vest. AN SSSR Tekh. kib. no. 3:43-44 May '65.
- Dynamic transport equation and some of its generalizations. S. S. Surin. Metod. vych. no. 3:122-130 '66.
- Mechanical model and method for solving a general problem of linear programming. N. O. Vichayevskii, B. S. Kazimikhin. Avtom. telemek. no. 4:88-103 '66.
- Study of the production capacity of equipment with the aid of linear programming, as exemplified by the Novosibirsk Turbogenerator Plant. N. I. Gerasimov. Izv. SO AN SSSR no. 1:Ser. obshchestv. nauk no. 1:18-22 '66.
- Study of the stability and method for correcting the optimal plan in linear programming problems. A. I. Khalif. Trudy TSUIMF no. 70:43-60 '66.
- Use of mathematical methods and electronic computers to determine the effectiveness of capital investments for the enlargement of the sea-going transport fleet. N. F. Dmitrieva, A. I. Khalif, V. V. Chalov. Trudy TSUIMF no. 70:22-37 '66.
- LINEAR TOPOLOGICAL SPACES**
Bilateral theorem on a closed graph for topological linear spaces. D. A. Raikov. Sib. mat. zhur. 7 no. 2:353-372 Mar-Apr '66.
- LIPETSK—TRACTOR INDUSTRY—INFORMATION SERVICES**
Antapov, P. A. [Public bureau of technical information] Obshchestvennoe biuro tekhnicheskoi informatsii. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1963. 18 p. [MICROFILM]
- LIPID METABOLISM**
Histological study of alkaline phosphatase activity in tench intestines during the absorption of fats. P. Kh. Khalilov, V. M. Ilushin. Izv. AN Kazakh SSR Ser. biol. nauk 2 no. 5:77-82 S-O '64.
- Significance of the changes in protein-lipid metabolism in experimental rickets. P. A. Kurashvili. Sborn. AN Gruz. SSR 41 no. 2:463-470 F '66.
- LIPIDS**
Adsorption chromatography of lipids. A. G. Vashchagin. Vopr. biol. khim. 7:238-266 '65.
- Lipid content in the blood plasma in relation to the amount of fish in the diet. O. the Latvian S. S. R., L. U. Zhil'tsire. Vopr. pit. 25 no. 1:56-58 Jan-F '66.
- Mucopolys of the brain in the process of the formation of antiviral immunity. M. I. Parasonis and others. Vopr. virus. 11 no. 1:94-95 Jan-F '66.
- Synthetic inhibitors and natural antioxidants. Report No. 3. Antioxidizing activity of mouse liver lipids in inoculated leukemia and the effect of inhibitors of free radical reactions. E. B. Burlakova, N. P. Pal'mina. Biofizika 11 no. 2:258-262 '66.
- LIPOPROTEINS**
Effect of dietotherapy on the β -lipoprotein content in the blood serum in patients with atherosclerosis, adiposity and chronic liver diseases. T. I. Loran'skaya, Vop. pit. 25 no. 1:61-65 Jan-F '66.
- Effect of lipid-protein fraction, isolated from the liver of the chick embryo, on the oxidative phosphorylation of mitochondria. A. A. Simonian. Dokl. AN Arm. SSR 12 no. 1:26-30 '66.
- LIPOVAYA DOLINA DISTRICT—GRAIN TRADE**
Violated right. B. Prokonov, Zakup. sel'khoz. prod. no. 2:18-19 F '66.
- LIQUEFIED GASES**
Automatic proportioning of liquefied gas in filling cylinders. A. N. Melekhin, A. Sh. Bragimov, E. F. Cherkashov. Gaz. prom. 11 no. 4:38 '66.
- LIQUEFIED PETROLEUM GAS**
Churakov, A. M. [Natural gasoline plants] Gazoolbenzino-ushchile ustanovki. Izd. 2, dop. Moskva, Khimika, 1966. 167 p. [Bibliotekha molodogo rabotnogo]
- LIQUEFIED PETROLEUM GAS—EVAPORATION**
Evaporative capacity of surface tanks for liquefied gas. E. V. Kiylov, I. A. Tsentseper. Gaz. delo. no. 3:32-34 '65.
- LIQUID ALLOYS—ELECTRIC PROPERTIES**
Viscosity and the electric resistance of molten systems with electronic compounds in the solid state. K. I. Pletnev, A. P. Ljubimov. Sborn. Inst. stal. i splav. no. 41:171-176 '66.
- LIQUID ALLOYS—THERMODYNAMICS**
Connection between viscous and thermodynamic properties in molten metals. L. A. Kotodov. Sborn. Inst. stal. i splav. no. 41:177-188 '66.
- LIQUID ANTIMONY-TELLURIUM ALLOYS—ELECTRIC PROPERTIES**
Investigating the electric conductivity of alloys in the system Sb₂Te₃—Sb₂S₃ in solid and liquid states. A. N. Krestovnikov and others. Sborn. Inst. stal. i splav. no. 41:227-231 '66.
- LIQUID FUELS—COMBUSTION**
Combustion of liquid fuel in heating devices. O. P. Semenov. Sborn. trud. NIET no. 17:30-55 '66.
- LIQUID HELIUM**
State of liquid helium near the λ -line. L. V. Kir'vadze, I. U. G. Mamaladze, O. D. Chersvili, P. I. v. red. Zhur. eksper. i teoret. fiz. 3 no. 8:305-309 Apr '66.
- LIQUID IRON-CHROMIUM ALLOYS—ANALYSIS**
Studying oxide skins in iron-chromium alloys. N. V. Fiksen, B. I. Markhasov, O. G. Stetskiy. Izv. AN SSSR, Met. no. 2:53-57 Mar-Apr '66.
- LIQUID LEVEL INDICATORS**
Analyzing the precision of tank liquid level indicators. V. B. Pevzner. Tishap. i kuran. nefli i neftoprod. no. 3:12-16 '66.
- Automatic control of the level of water in tanks. O. Novitskiy, V. Stavrov. Muk.-elev. prom. 32 no. 4:24 Apr '66.
- LIQUID METALS**
Apparatus for measuring the surface tension of liquid metals. K. I. Vashchenko, K. K. Kostanau. Zav. lab. 31 no. 6:743-745 '65.
- Diffusion of some impurities in liquid Bi, Pb, and Sn. P. P. Kuz'menko, G. I. Onopienko, E. I. Khar'kov, Zhur. fiz. khim. 40 no. 4:818-821 Apr '66.
- Investigating the phenomena of the hysteresis lag in molten metals. T. L. Gogit'f, A. P. Ljubimov. Sborn. Inst. stal. i splav. no. 41:168-170 '66.
- Mechanism of ion mobility in liquid metals. P. P. Kuz'menko, E. I. Khar'kov, V. I. Lozovoi. Fiz. met. i metalloved. 21 no. 3:414-422 Mar '66.
- Overvoltages of electromagnetic steel mixers. N. I. Sirenko. Elektrotehnika 37 no. 4:61-63 Apr '66.
- Sound velocity and the compressibility of certain liquid metals. M. B. Gikla, I. G. Mikhailov. Akust. zhur. 11 no. 1:434-437 '65.
- LIQUID METALS—DENSITY**
Vacuum two-capillary pyrometer for measuring the density of metallic melts. Kh. I. Dzagimov, N. L. Podolskiy, P. P. Pugachevich. Zhur. fiz. khim. 40 no. 1:157-159 Apr '66.
- LIQUID METALS—METALLOGRAPHY**
Limits for using the concept of metallography in solutions. D. K. Belashchenko. Sborn. Inst. stal. i splav. no. 41:11-11 '66.
- LIQUID NICKEL—HYDROGEN CONTENT**
Hydrogen solubility in liquid thallium and nickel. V. I. Tokarskiy, N. N. Kalinich. Vest. AN SSSR, Met. no. 2:149-155 Mar-Apr '66.
- LIQUID NICKEL-GADOLINIUM ALLOYS—TESTING**
Surface tension and the density of liquid alloys in the system Ni—Ga and the wettability of Al₂O₃ by them. V. N. Zimenko, V. I. Nikolenko, I. I. Sklyarenko. Vest. AN SSSR, Met. no. 2:188-192 Mar-Apr '66.
- LIQUID STEEL**
Kinetics of degassing liquid steel in vacuum. O. L. Latskullin, G. N. Oiko, I. I. Anshelov. Sborn. Inst. stal. i splav. no. 41:151-160 '66.
- LIQUID TELLURIUM ALLOYS—TESTING**
Studying the viscosity and the electric conductivity of binary tellurium alloys with germanium, tin, and indium in the liquid state. A. N. Krestovnikov and others. Sborn. Inst. stal. i splav. no. 41:211-230 '66.
- LIQUID TITANIUM—HYDROGEN CONTENT**
Hydrogen solubility in liquid thallium and nickel. V. I. Tokarskiy, N. N. Kalinich. Vest. AN SSSR, Met. no. 2:149-155 Mar-Apr '66.
- LIQUIDS**
Acoustic relaxation and velocity of propagation of hypersonic waves in liquids. G. G. Sukhotina, M. I. Shakhmatov. Vest. Mosk. univ. Ser. 2 Khim. 11 no. 2:10-12 Jan '66.
- Method for determining the composition of paramagnetic admixtures in a flow of liquid. L. A. Hladikova, A. I. Zheretov, S. P. Pivovarov. Zav. lab. 31 no. 5:553-555 '65.
- Method of measuring longer relaxation time. A. I. Zheretov, S. P. Pivovarov. Zav. lab. 31 no. 5:556-557 '65.
- Relationship between the speed of sound in a liquid and its saturated vapor pressure. G. A. Shungina. Zhur. fiz. khim. 40 no. 2:460-461 F '66.
- LIQUIDS—DENSITY**
Effect of CO₂ admixture on critical phenomena. D. I. Timot, K. F. Shulskina. Izv. fiz. zhur. 10 no. 2:176-181 F '66.
- LIQUIDS—OSCILLATIONS**
Oscillations of a liquid in tubes at medium Reynolds numbers. S. I. Seigeev. Vest. AN SSSR, Mekh. zhid. i gaz. no. 1:168-170 Jan-F '66.
- LISTERELLA**
Disinfection and preservation of sheepskins infected by Listerella. M. A. Baranenko, Volynskaya 12 no. 3:90-101 Mar '66.
- LISTERIA** see Listerella
- LISTERIOSES**
(see also sub-division under Ukraine)
Measures for controlling leptospirosis and listeriosis in farm animals. K. Ostapenko. Vest. sel'khoz. nauk 10 no. 3:140-151 Mar '66.
- LITERATURE—BIBLIOGRAPHY** see Bibliography—Literature
- LITERATURE—HISTORY AND CRITICISM**
Debates which continue. I. I. Iinskii. Vopr. lit. 3 no. 11:224-226 N '65.
- Discussion of a textbook. Vopr. lit. 3 no. 11:110-120 N '65.
- Literary life. Vopr. lit. 3 no. 11:245-264 N '65.
- Machavariani, V. G. [Forever green is the tree of life] Vechno zelenoe drovo zhidni. Tbilisi, Literatura i khelovneba, 1965. 197 p.
- LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY** see Bibliography—Literature—History and criticism
- LITERATURE, COMPARATIVE**
Konrad, N. I. [The West and the East; articles] Zapad i Vostok. Moskva, [Nauka] 1965. 517 p.
- LITERATURE AND COMMUNISM** see Communism and literature

LITERATURE AND SCIENCE

Fast and the physicist, I. Zolotarev. Vop lit 9 no. 11 30-38 N '63.

LITHIUM—ANALYSIS

Efficient method of determining lithium in alkali electrolytes. N. I. Emelianova, A. A. Matveeva. Lek itel'uga 10 no. 2, 18-19 N '66.

LITHIUM BORATES

Coordination state of boron in lithium borate glasses (from the results of investigation of their electrical properties). V. S. Borov, M. M. Slutsky, I. P. Kalinova. Elektrokhimiya 2 no. 1 120-125 Ap '66.

LITHUANIA—AGRICULTURE—STUDY AND TEACHING

Organizing the work and education of students. I. D. Kaehle. Shkola i pivoz. 10 no. 5, 31 My '66.

LITHUANIA—BIBLIOGRAPHY

Coordinating the preparation of general retrospective bibliography. A. J. Uplis. Sov. bibl. no. 1, 4-8 '66.

LITHUANIA—CIVIL RIGHTS

Cerkluskas, Simonas, Ona Ruzelyte, and Pianas Skajsgis. [How the civil rights of Soviet citizens are protected] Kaip ginamos tasybiniu pilieciu civilines teises. Vilnius, Mintis, 1965. 47 p. [In Lithuanian]

LITHUANIA—COMMUNIST PARTY

Baranavskas, B. [Nineteen years in the underground] Devyniolika metu pogrindyje. Vilnius, Vaga, 1965. 242 p. [In Lithuanian]

LITHUANIA—CONSTITUTION

Lithuanian S.S.R. Constitution. [Constitution (fundamental law) of the Lithuanian S.S.R. As amended and supplemented up to the sixth session of the Sixth Supreme Soviet of the Lithuanian S.S.R. Inclusive] Konstitucija (osnovini zakon) Lietuvos Sovietiskio Socialistinio Respublikos. [Soviet Socialist Republic of Lithuania] Lietuvos Socialistinio Respublikos. Vilnius, 1960. 27 p.

LITHUANIA—COURTS

Plenum of the Supreme Court of the Lithuanian S.S.R. Bluz. Verbi. Suda no. 1, 30 '66.

LITHUANIA—EDUCATION, HIGHER

Institutions of higher learning of Lithuania in the new five-year plan. G. K. Zubulis. Vest. vys. shkoly 24 no. 3, 7-12 M '66.

LITHUANIA—EMBEZZLEMENT

Cepas, Alfonsas. [Embezzlement and speculation — the remnants of the past] Groblimas ir spekuliacija — priesaitis atgyvena. Vilnius, Mintis, 1965. 43 p. [In Lithuanian]

LITHUANIA—FOLK ART

Lithuanian S.S.R. Kulturos misterija. [Golden hands; Folk art masters on the 25th anniversary of Soviet Lithuania] Auksines rankos; liaudies dailės meistrai Tarybu Lietuvos 25-metui. Vilnius, 1965. 23 p. illus. [In Lithuanian and Russian]

LITHUANIA—HISTORY

Zlugzda, J., ed. [History of the Lithuanian S.S.R.; a textbook for grades 7 and 8. Translated from the Lithuanian] Istorija Lietuvos SSR; uchebnik dlia VII-VIII klassov. [By] A. Borishkone i dr. Kaunas, Shviesa, 1966. 165 p.

LITHUANIA—INDUSTRIAL HYGIENE

Man is in the center of attention. P. Dobrovolskii. Okhr. truda i zote, strakh. 9 no. 5, 3-4 My '66.

LITHUANIA—LABOR AND LABORING CLASSES—MEDICAL CARE

Man is in the center of attention. P. Dobrovolskii. Okhr. truda i zote, strakh. 9 no. 5, 3-4 My '66.

LITHUANIA—PATRIOTISM

The receipt of our armor. A. Cesnavicius. Mol. komm. no. 3, 86-91 '66.

LITHUANIA—SOILS—MICROBIOLOGY

Brundza, K. [Advances in soil microbiology in the Lithuanian S.S.R.] Dityvozemio mikrobiologijos mokslas Lietuvoje Lietuvos TSR. Vilnius, Laisraucio ir zurnatu leidykia, 1964. [In Lithuanian]

LITHUANIA—SPECULATION

Cepas, Alfonsas. [Embezzlement and speculation — the remnants of the past] Groblimas ir spekuliacija — priesaitis atgyvena. Vilnius, Mintis, 1965. 43 p. [In Lithuanian]

LITHUANIA—WORLD WAR, 1939-1945

Spokleno, O. [From Aiausas to Orlo]. Nuo Aiauso iki Orlo. Vilnius, Vaga, 1966. 247 p. [In Lithuanian]

LITHUANIAN FOLK SONGS see Folk songs, Lithuanian

LITHUANIAN LANGUAGE—GRAMMAR

Lietuvos TSR mokslo akademija, Vilna. Lietuviu kalbos literaturos institutas. [Lithuanian grammar] Lietuviu kalbos gramatika. Vilnius, Mintis. [In Lithuanian] Vol. 1. [Phonetics and morphology, the noun, adjective, number, and pronoun] Fonetika ir morfolozija, daktinai, budvardis, skaitinai, lyvardis 1965. 752 p.

LITTER (BEDDING)

Peat litter. L. Amarian, G. Gruchkov. Porzh. delo no. 11, 27 N '65.

LIVER

Acid soluble nucleotide peptides of the rabbit liver. M. K. Velnova, I. F. Dabenko, N. M. Siskian. Biokhimiya 31 no. 1, 151-156 Ja-F '66.

Activity of the acetylation enzyme in the liver in carbon tetrachloride poisoning. A. E. Gerasimova. Vop. med. khim. 11 no. 3, 17-19 My-Je '65.

Development of the liver in sheep during the uterine period. G. M. Shelanova, R. E. Kaledina. Uch. zap. Mord. gos. un. no. 47, 119-124 '65.

Development of the liver in swine during the uterine period. G. M. Shelanova, V. V. Vahitova. Uch. zap. Mord. gos. un. no. 47, 155-161 '65.

DNA-like RNA from pure liver nuclei. D. I. Drzhokhova. Soob. AN Gruz. SSR 11 no. 3, 587-590 M '66.

Effect of glucocorticosteroids on the concentration of nicotinamide dehydrogenase and nicotinamide phosphate dehydrogenase in cellular fractions of the liver and kidneys in rabbits. B. P. Golovin. Vop. med. khim. 12 no. 2, 182-186 Mh-Ap '66.

Effect of plutonium 239 on free ribonucleotide metabolism in the liver of rabbits. I. A. Tsevelova, R. P. Likhonin. Radiobiologiya 6 no. 2, 219-223 '66.

Effect of the disturbance of peripheral blood circulation on the content of ammonia, some amino acids and amide nitrogen of proteins in the rat liver. N. S. Kononova, V. M. Okunev. Ukr. biokhimi. zhur. 38 no. 2, 184-187 '66.

Effect of Vitamin P on dehydroascorbic acid reduction by the liver in guinea pigs subjected to overfeeding. A. I. Tsitina. Vop. pit. 23 no. 3, 81-82 My-Je '61.

Embryogenesis of the liver in sheep and the histochemistry of DNA. R. A. Tokhtamysova. Trudy AZVI 13:242-248 '64.

Morphological changes in the liver following the exposure of the body to the effect of carbon monoxide, methane, and their combinations. L. I. Morozova. Farm. i toks. 28 no. 2, 245-247 Mr-Ap '65.

Partial purification and properties of RNA-polymerase from the rat liver. S. S. Dobov, I. I. Volin, A. A. Dol'viga. Biokhimiya 31 no. 1, 125-131 Ja-F '66.

Regulation of the deamination pathway of histidine cleavage in the liver. K. N. Minsodova. Biokhimiya 31 no. 1, 182-189 Ja-F '66.

State of prothrombin forming and uterine functions of the liver in patients operated under thiopental alcohol anesthesia. M. I. Itin. Vest. AN BSSR. Ser. biol. nav. no. 1, 86-90 '65.

Synthesis of inosinic acid, inosine and hypoxanthine in the liver of a pigeon in the early stages of irradiation and injection of radioprotective agent. I. F. Romantsev, S. K. Kishnikov. Radiobiologiya 6 no. 2, 263-271 '66.

LIVER—BIOPSY

Our experience in the clinical use of punch biopsy of the liver. M. E. Semendinaeva and others. Sov. med. 29 no. 4, 78-86 Ap '65.

LIVER—CALCIFICATION

Case of disseminated parenchymatous calcification of the liver and spleen. H. A. Porevskaya, I. M. Pylytaev. Sov. med. 29 no. 4, 143-144 Ap '66.

LIVER—CIRRHOSIS

Comparative morphological characteristics of postnecrotic and portal liver cirrhosis. V. B. Zolotarevskii. Arkh. pat. 28 no. 2, 49-55 '66.

Progesterone treatment of edematous-ascitic syndrome in patients with cirrhosis of the liver. V. M. Berezov, A. S. Loginov. Sov. med. 29 no. 4, 50-55 Ap '66.

LIVER—DISEASES

Effect of high-mountain climate on cats with experimental hepatic insufficiency. I. E. V. Kolpakov, N. M. Shumyatska. Fiziol. zhur. [Ukr.] 12 no. 2, 232-237 '66.

Hepatorenal syndrome following surgery with artificial blood circulation. V. N. Gol'dberg, V. T. Svirin. Grud. khir. 8 no. 1, 10-27 Ja-F '66.

Nucleic acid content in the liver of rats receiving selenium with food. G. A. Vilenkova, L. A. Cherkas. Vop. pit. 25 no. 1, 30-33 Ja-F '66.

Our experience in the clinical use of punch biopsy of the liver. M. E. Semendinaeva and others. Sov. med. 29 no. 4, 78-86 Ap '65.

Use of the radioisotope methodology method for the determination of bile function in chronic diseases of the liver. G. P. Alidzhinov. Sov. med. 29 no. 1, 100-105 Ap '66.

LIVER—GLYCOGENIC FUNCTION

Effect of penicillin and albomycin administration on the level of liver glycogen in guinea pigs. A. P. Grishin. Antibiotiki 10 no. 1, 33-34 Ap '65.

Histochemical studies of the liver of guinea pigs infected with brucella following immunization with various vaccine strains of Brucella. G. Z. Idarov. Uch. zap. KVI 93:263-270 '64.

LIVER—INFLAMMATION

Effect of chlorpropamide on some biochemical indices of the liver under normal conditions and in experimental toxic hepatitis. S. M. Lutsy, Y. Kh. Abdullayev. Biol. zhur. [Ukr.] 12 no. 3, 57-59 Mh '66.

LIVER—SURGERY

Regeneration of the liver in rats. G. N. Binkov, L. M. Nedykova. Zh. V. Iakovleva. Biol. zhur. [Ukr.] 12 no. 3, 59-62 Mh '66.

Respiration and oxidative phosphorylation in mitochondria of a guinea pig liver in rats. N. A. Gerasimova, M. A. Novikova, G. L. Zhdanov. Vop. med. khim. 11 no. 3, 67-72 My-Je '65.

LIVER—TUMORS

Deamination of serine and threonine L-isomers in the hepatoma of rats and mice. T. T. Bozozov. Biokhimiya 31 no. 1, 93-97 Ja-F '66.

Role of liver cell injuries in the induction of hepatomas in mice. G. A. Boltik. Vop. onk. 10 no. 11, 77-80 '61.

Two forms of catenase in the liver and transplantable hepatomas. S. I. Davydova, L. A. Drozdova, V. S. Shapoval. Vop. med. khim. 12 no. 2, 163-169 Mh-Ap '66.

LIVER FLUKE

Results of deworming cattle and sheep in fascioliasis. I. I. Podolskiy, D. S. Shchepetov, A. P. Machinskii. Uch. zap. Mord. gos. un. no. 47, 17-18 '65.

Results of the use of hexachloroethane suspension with feed chalk in fascioliasis of sheep. H. K. Gorlov, A. A. Gromkova, A. P. Machinskii. Uch. zap. Mord. gos. un. no. 47, 19-21 '65.

LIVER FUNCTION TESTS

Inactivation of 17-hydroxycholesterol in the liver of healthy dogs and dogs exposed to ionizing radiation. V. P. Fedotov, N. N. Ryukova. Biol. zhur. [Ukr.] 12 no. 2, 50-53 Mh '66.

Study of protein synthesis in the liver in experimental brucellosis. N. A. Cherkova. Veterinarika 12 no. 3, 111-112 Mh '66.

LOADING AND UNLOADING

(see also subdivision under Term, Rostov-on-Don)

Efficient mechanization of loading and unloading. I. Shchepetov, P. Scherov. Sov. potreb. koop. 10 no. 4, 38-41 Ap '66.

Practice in the mechanization of the unloading of mixed loads at grain receiving enterprises of White Russia. G. Kozlov. Muk.-elcv. prom. 32 no. 3, 12-13 Mh '66.

LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES

Device for loading piece freight on an overhead conveyor. N. P. Blenkov. Avt. prom. 32 no. 3, 45 Mh '66.

Loaders and transporters for agriculture. M. N. Fateev, G. T. Migakov. Trakt. i sel'khoz. mash. no. 4, 10-19 Ap '66.

Movable loader and dumper. I. Balshchev and others. Avt. transp. 46 no. 4, 41-42 Ap '66.

Solving the problem of classification, standardization, and quality of automatic loading devices. V. P. Bolotov. M. Kh. i avtom. pivoz. 20 no. 3, 48-53 Mr '66.

LOADING AND UNLOADING—MECHANIZATION

(see also subdivision under Ukraine) Raise the level of overall mechanization of the transshipment of bulk freight. Z. Shchela. Rech. transp. 24 no. 0, 118 '65.

LOBBYING see subdivision under United States

LOBELINE

Production of lobeline from the lobelia species cultivated in the U.S.S.R. Report No. 3. I. S. Simon, F. A. Matsev. Zhur. 20 no. 2, 66-69 '65.

LOCAL ANESTHESIA

Experimental study of some new local anesthetics. A. S. Kucheruk. Farm. i toks. 28 no. 4, 418-421 Mh-Ag '65.

LOCAL TRANSIT—ABSTRACTS

[Automotive and city transportation] Ref. zhur. : Avt. i gor. transp. no. 4 Ap '66.

LOCAL TRANSIT—LAW

Decision No. 2 of the Plenum of the Supreme Court of the U.S.S.R. of April 9, 1965, entitled "Judicial practice in cases involving violations of regulations on traffic safety and operation of motor vehicles or municipal electric transportation." Bluz. Verkh. Suda no. 3, 10-12 '65.

LUMINESCENCE (Continued)

- Nature of light and luminescence, on the seventy-fifth birthday of S.I. Vavilov. M. D. Gilanin. *Pribluda* 55 no. 4 87-92 '66
- Optic and luminescent properties of vitamin B₆ and its derivatives. Report No. 3 Pyridoxamine and pyridoxamine-5-phosphate. I. U. Morozov and others. *Riifika* 11 no. 2 228-236 '66
- Parallel study of luminescence and evaporation from CaSO₃ - Mn. A. R. Krasnaia and others. *Izv. AN SSSR Ser. fiz.* 30 no. 4 691-693 Ap '66
- Polarized luminescence of mixed KCl, KBr - Ti crystals. F. D. Klement, L. A. Lembra. *Izv. AN SSSR Ser. fiz.* 30 no. 4 692-694 Ap '66
- Processes of mutual conversion of luminescence centers in zinc-sulfide phosphors. A. M. Gurvich. *Izv. AN SSSR Ser. fiz.* 30 no. 4 614-618 Ap '66
- Radio-luminescent analysis. Report No. 2. Radio-luminescent determination of some gases. V. G. Kokoulin. *Zhur. anal. khim.* 21 no. 3 331-337 '66
- Recombination luminescence of ionic crystals activated by slow electrons. T. I. Trofimova (Ekstina), I. L. Kuzman. *Izv. AN SSSR Ser. fiz.* 30 no. 4 664-667 Ap '66
- Study of "noir" I. D. Melnikova, T. G. Abakshidze. *Trudy Inst. khim. AN Gruz. SSR* 17 175-177 '61
- Study of polymerization initiators by chemiluminescence methods. S. S. Ivanchev, A. F. Iliev, V. I. Shifaphtokh. *Dop. AN URSR* no. 2 196-200 '66
- Thermoluminescence of calcite from the region of the Sea of Azov. O. M. Platonov, V. P. Belichenko. *Dop. AN URSR* no. 2 246-249 '66

LUNAR PROBES

- "Luna-9" is on the moon. V. mire kniz. 6 no. 3 13 Mr '66
- The moon from the point of view of an astronaut. G. A. Leikin. *Zem. i vesel.* 2 no. 2 36-43 Mr-Apr '66

LUNDE, IVAR, 1906-

- People and events: Jose Joaquin Trejo: Ivar Lund. *Nov. vrem.* 23 no. 22:12, 10 My '66

LUNGS

- Embryogenesis and histogenesis of the lungs in sheep. K. Baimukhambetov. *Trudy AZVI* 13:301-312 '64
- Measurement of the degree of specific electric resistance in a functioning lung in man and dogs. R. I. Mazhitch, B. I. eksp. biol. i med. 61 no. 2:120-123 F '66

LUNGS—ABSCESSES

- Indications and contraindications for the use of exercise therapy in suppurative processes in the lungs. G. Kh. Dovgiallo, R. M. Balykina. *Vop. khim. i fiziol. i lech. fiz. kul't.* 30 no. 2:165-170 Mr-Apr '65

LUNGS—BLOOD SUPPLY

- Effect of fibrinolysin on the tone of pulmonary and bronchial vessels. R. M. Zaslavskaya. *Farm. i toks.* 28 no. 2:194-195 Mr-Apr '65

LUNGS—CANCER

(see also subdivision under Permi)

- Bronchoscopic and surgical parallels in the determination of the operability of central cancer of the lung. A. S. Mamontov, I. A. Maksimov, I. I. Molish. *Grud. khir.* 8 no. 1:66-71 Ja-F '66

- Obectomy for solitary metastasis of cancer into the lungs from the ampulla of Vater. N. D. Mar'ina. *Vop. onk.* 12 no. 4:104-106 '66

- Microflora of the lymphatic nodes in complications of cancer of the lungs. V. A. Kochetkova, N. D. Garin. *Vop. onk.* 10 no. 11:3-7 '64

- Peculiarities of the lymphatic nodes in complications of cancer of the lungs. V. A. Kochetkova, N. D. Garin. *Vop. onk.* 10 no. 11:3-7 '64

LUNGS—DISEASES

- Changes in the lungs due to burns. R. I. Kraem. *Ark. pat.* 28 no. 2:60-64 '66
- Differential-diagnostic significance of novocaine block in pulmonary pathology. A. A. Vlasnevskii, P. P. Pirsova. *Grud. khir.* 8 no. 1:52-56 Ja-F '66
- Evaluation of the functional state of the cardiovascular system in pulmonary diseases. V. I. Slurukov and others. *Grud. khir.* 8 no. 1:47-52 Ja-F '66

- Pulmonary aspergillosis in pregnant women. M. F. Kremer, L. E. Koleshko. *Sov. med.* 29 no. 3:106-112 Mr '66

LUNGS—DUST DISEASES

- Problems of industrial hygiene at fluorite mines in connection with the incidence of pneumoconiosis. I. A. Ape'l. *Nek. vop. khim. i kraev. pat.* no. 4:70-71 '65

LUNGS—HYDATIDS

- Rare case of the localization of echinococcal cyst. A. E. Klepov. *Grud. khir.* 8 no. 1:107-108 Ja-F '66

LUNGS—SURGERY

- Bronchoscopic and surgical parallels in the determination of the operability of central cancer of the lung. A. S. Mamontov, I. A. Maksimov, I. I. Molish. *Grud. khir.* 8 no. 1:66-71 Ja-F '66

- Comparative evaluation of suturing the bronchial stump using the Sult method and the UKL-60 apparatus in pulmonary resection for tuberculosis. N. S. Pilipchuk. *Grud. khir.* 8 no. 1:103-107 Ja-F '66

- Immediate and late results of 150 pulmonary resections for tuberculosis. M. I. Shalaev, M. P. Rumiantseva. *Grud. khir.* 8 no. 1:78-80 Ja-F '66

- Modification of drainage of the pleural cavity following the operation of partial resection of the lung. I. U. G. Tarapon. *Grud. khir.* 8 no. 1:101-103 Ja-F '66

- Significance of the state of the bronchi in the course of the postoperative period in pulmonary tuberculosis. V. D. Iampol'skaya, R. I. Alekseevich. *Grud. khir.* 8 no. 1:72-78 Ja-F '66

LUNGWORMS

- Anthelmintic and economic effectiveness of phenothiazine in Dictyocaulus infestation of calves. O. G. Karamendin. *Izv. AN Kazakh. SSR Ser. biol. nauk* 2 no. 5:43-47 S-O '61

- Role of Dictyocaulus infestation of sheep lungs in the development of secondary (infectious) pneumonia. U. Ighnanov. *Vest. sel'khoz. nauk [Kazakh.]* 9 no. 3 68-71 Mr '66

LUPINE—DISEASES AND PESTS

- Use of simazine and marumon in forage lupine fields. E. V. Bandarenko. *Vest. AN BSSR. Ser. sel'khoz. nav.* no. 4:66-69 '65

LUPINE—FERTILIZERS AND MANURES

- Effect of phosphorus-potassium fertilizers on the yield of forage yellow lupine. I. H. Stralkov, L. U. Mancharov. *Vest. AN BSSR. Ser. sel'khoz. nav.* no. 4:13-46 '65

LUTETIUM ISOTOPES

- Nonconservation of parity in radiative transitions in Lu¹⁷⁵. V. M. Lobashov and others. *Pis'ma v zhur. eksp. i teoret. fiz.* 3 no. 7:268-274 Ap '66

LUXEMBURG, ROSA, 1870-1919

- A page of proletarian internationalism: repercussions of the murder of K. Liebknecht and R. Luxemburg in the Ukraine. V. A. Motoslov. *Ukr. ist. zhur.* 8 no. 1: 121-124 '64

LYOV—BREWING INDUSTRY

- Economics of the production and use of fungi cultures. E. A. Raitsyn, M. P. Rjabokobilenko. *Ferm. i spir. prom.* 32 no. 3:24-26 '66

LYOV—HISTORY

- The 30th anniversary of the antifascist action of Lyov workers. R. K. Dudykevych. *Ukr. ist. zhur.* 10 no. 4: 123-124 Ap '66

LYOV—MOTORBUS INDUSTRY

- Science and work. V. Ezikov. *NTO* 8 no. 4:17-19 Ap '66

LYOV—STORES, RETAIL—DESIGN AND CONSTRUCTION

- Stores change their appearance. I. Granova'shin. *Sov. toig.* 39 no. 2:34-35 F '66

LYOV ECONOMIC REGION—MATERIALS

- Improve expenditure norms and the accounting for raw materials and supplies. I. Diadyk. *Ekon. Rad. Ukr.* 8 no. 7:65-68 Ji '65

LYOV-VOLYN' BASIN—COAL MINES AND MINING—MANAGEMENT

- Assembling the KM-87t equipment complex in "Volkhomostovskate" mine No. 8. V. G. Filatov. *Ugol' Ukr.* 10 no. 4:35 Ap '66

- Results of the new work practices of "Novovolynskaya" coal mine No. 3. G. P. Alekseenko. *Ugol' Ukr.* 10 no. 4:38-39 Ap '66

LYOV-VOLYN' BASIN—GEOCHEMISTRY

- Methodology for joint determination of chlorine and sulfur in solid mineral fuels. I. V. Ginzberg, A. G. Strel'kovskaya. *Geol. i geokhim. mestorozh. i vor. gor. isk.* no. 1:56-65 '65

LYOV-VOLYN' BASIN—TRACE ELEMENTS

- Geochemistry of accessory microelements of the coals of the Namur stage in the Lyov-Volyn' coal basin. I. A. P. Pinks. *Geol. i geokhim. mestorozh. i vor. gor. isk.* no. 1:30-35 '66

LYANCHIKHA RIVER (MARITIME TERRITORY)—PHYTOPLANKTON

- Phytoplankton of the Lyanchikha pond. V. V. Zhurkina. *Sool. DVFAN SSSR* no. 23:41-43 '64

LYMPHATICS

- Lymphatic system of the mammary gland in sheep. L. V. Domashneva. *Trudy AZVI* 13:186-189 '64
- Lymphatic system of the trachea in calves. V. M. Panhu. *Trudy AZVI* 13:178-181 '64

- Path of the flow of lymph from the distal end of pelvic extremities in sheep. L. V. Domashneva. *Trudy AZVI* 13:182-185 '64

LYMPHATICS—DISEASES

- Syndrome of extramedullary spinal tumor in the clinical aspects of some diseases of the blood system. G. R. Khiesonskii. *Sov. med.* 29 no. 4 39-43 Ap '66

LYMPHATICS—MICROBIOLOGY

- Microflora of the lymphatic nodes in complications of cancer of the lungs. V. A. Kochetkova, N. D. Garin. *Vop. onk.* 10 no. 11:3-7 '64

LYMPHATICS—RADIOGRAPHY

- Lymphography in oncologic diseases. B. P. Malveev. *Urol. i nefr.* no. 4:84-71 '65

LYOPHILIZATION

- Autotransplantation of bone marrow, preserved by deep refrigeration using polyvinylpyrrolidone, in clinical chemotherapy. S. S. Lavrik, A. A. Bukhsheva. *Probl. gemat. i perel. krovi* no. 7 17-51 '65

- Preservation of bone marrow under low temperatures for its clinical use. A. G. Fedotenko and others. *Probl. gemat. i perel. krovi* 11 no. 2:45-50 F '66

- Preservation of bone marrow with polyvinyl pyrrolidone and freezing in liquid nitrogen. S. S. Lavrik. *Probl. gemat. i perel. krovi* 11 no. 2:50-54 F '66

LYRIC POETRY

- (and see: remarks on lyric poetry, its heroes, and lyric content. V. Bogdanov. *Vop. lit.* 9 no. 11:69-82 N '65

LYSERGAMIDE—PHYSIOLOGICAL EFFECT

- Effect of adrenolytic and sympatholytic preparations on the changes in primary responses in the visual zone of the cortex induced by lysergic acid diethylamide. S. I. Aibakov and others. *Farm. i toks.* 20 no. 4:405-409 Ji-Ag '65

LYUBERTSY DISTRICT—COOPERATIVE MARKETING OF FARM PRODUCE

- Let them speak well about us cooperators. V. Gostilina. *Zakup. sel'khoz. prod.* no. 2 0-11 F '66

MACARONI

- Use of shaping dies with fluoroplast lining. A. I. Epifanova. *Khleb. i kond. prom.* 10 no. 4 40-41 Ap '66

MACARONI—PACKAGING

- Indirect expenditures and their effect on profitability. D. Landu. *Bukh. i uch. no.* 4:47-10 Ap '66

MACHINE ACCOUNTING

- (see also subdivision under Germany, East)
- Conference on the mechanization of accounting. *Sov. potreb. koop.* 10 no. 4:18 Ap '66
- Machine accounting for pension operations. L. Chislova. *Den i kred.* 24 no. 4:59-61 '66
- Machine accounting in educational institutions. A. Ryzhkov. *Bukh. i uch. no.* 3:33-34 Mi '66
- Problems of machine accounting. A. Plavrov. *Bukh. i uch. no.* 3:10 Ap '66

MACHINE PARTS

- Encourage the production of spare parts. V. Kolesnichenko. *Pion. khiz.* 43 no. 5:93 My '66

MACHINE PARTS—ABSTRACTS

- [Materials for machinery manufacture and the design of machine parts. Hydraulic drive] Ref. zhur.: Mashinostroi. mat., konstr. i rasch. det. mash. Gidr. nos. 3-4 Mr-Apr '66

MACHINE PARTS—DESIGN AND CONSTRUCTION

- This is what increases the service life of machines. I. Kudravin, O. Kulikov, G. Zaitsev. *Metalloved. i term. obr. met.* no. 6:2-4 Je '66

MACHINE PARTS—MAINTENANCE AND REPAIR

- Equipment for the bulldozer welding of hollow parts. I. A. Ulin, F. M. Mustafaev. *Avtom. svar.* 19 no. 3:67 Mr '66

MACHINE PARTS—TESTING

- Stand for checking large parts. D. V. Dolov. *Mashinostroi. i no.* 1:22 Ap '66

MACHINE-SHOP PRACTICE

- Calculating vibrating units for cleaning and finishing parts. N. A. Kuznetsov, I. V. Polotov, L. M. Shapiro. *Trudy NITMasha* no. 11:1-17 '65
- Making ribbed pipes for heat exchangers. N. A. Kuznetsov. *Trudy NITMasha* no. 11:18-21 '65
- Making wedges for repairing metal-cutting equipment. A. M. Krikov. *Mashinostroi. i no.* 4:39 Ap '66

MACHINE-SHOP PRACTICE (Continued)

Setting of size of dimensions and shape in the cross section of cylindrical parts V. A. Reznikov Vest. Mashinostroi 47 no. 4:50-52 Apr '66
[Setting of size of dimensions and shape in the cross section of cylindrical parts V. A. Reznikov Vest. Mashinostroi 47 no. 4:50-52 Apr '66]
[Setting of size of dimensions and shape in the cross section of cylindrical parts V. A. Reznikov Vest. Mashinostroi 47 no. 4:50-52 Apr '66]

MACHINE-TOOL INDUSTRY

(see also subdivision under Ryazan)

Classification of welded structures in the machine-tool industry. M. I. Pustynin, A. S. Belousov. Svar. prozv. 20 no. 2:40-42 F '66.

Machine-tool industry is a leading branch of the industry. V. E. Vashurin. Mash. i avtom. prozv. 20 no. 3:2-5 Mar '65.

MACHINE TOOLS

Automatic machine for cutting slots V. D. Kazakov. Blud. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 3:9-10 Mar '66.

Dynamic calculation of the turn mechanism for the position table of machine tool units F. K. Korolev i L. T. Smolal Vest. KhPI no. 1:4-22 '65.

Increasing technological potentialities of small machine-tool units S. M. Zaitseva Mashinostroi 16 no. 4:24-25 Apr '66.

Ivinskii, I. N., I. K. Novik, and A. A. Fursov. [Installation of electrical equipment in machine tools and automatic lines] Montazh elektrooborudovaniia na stankakh i avtomaticheskikh liniiakh. Moskva, Energiia, 1966. 83 p. (Biblioteka elektromontera, no. 193)

Machine tool for cutting hard materials. I. U. E. Rozan. Blud. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 3:10-11 Mar '66.

New machine tools. Stan. i instr. 37 no. 4:43-44 Apr '68.

MACHINE TOOLS—ATTACHMENTS

Checking attachment. V. I. A. Eglits, I. M. Edel'shtein. Mashinostroi 16 no. 4:20 Apr '66.

Design of correction devices. I. I. Kudashitskii. Stan. i instr. 37 no. 4:16-19 Apr '66.

MACHINE TOOLS—COOLING

Settlers for the cooling fluids of machine tools M. I. Logvin. Blud. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 2:9-10 F '66.

MACHINE TOOLS—DESIGN AND CONSTRUCTION

Analysis of automatic machine tools. V. S. Solov'ev. Tekhn. est. 3 no. 3:3 Mar '66.

Some problems in the scientific substantiation of the development of technology in machinery manufacture and of the models of machine tools. A. P. Vladzhevskii. Stan. i instr. 37 no. 4:3-5 Apr '66.

MACHINE TOOLS—MAINTENANCE AND REPAIR see subdivision under Middle Urals Economic region

MACHINE TOOLS—NUMERICAL CONTROL

Approximation of contours given in tables in programming part machining on program controlled machine tools. S. L. Dun, N. A. Pashkova, I. I. Trofimov. Vest. mashinostroi 46 no. 4:53-56 Apr '66.

Precision of linear interpolators. I. A. Vul'fson, S. I. Spivakovskii. Stan. i instr. 37 no. 4:19-22 Apr '68.

Program controlled machine tools in group lines. B. I. Kozlov. Mashinostroi 16 no. 4:23 Apr '66.

Using punched cards in operating program controlled machine tools. V. K. Karasev. Stan. i instr. 37 no. 4:22-23 Apr '66.

MACHINE TOOLS—SAFETY APPLIANCES

Protecting cutting tools and power heads from destruction by the overloading of machine tool units. F. F. Korolev, I. A. A. Grishko. Vest. KhPI no. 1:157-168 '65.

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

Economic analysis of the modernization of equipment. I. Kruchinin. Trudy INKH no. 35:84-78 '65.

Economic efficiency of the modernization of machine tools which are in operation in the machinery industry of the U. S. S. R. N. Kulikov. Trudy INKH no. 35:50-63 '65.

MACHINE TOOLS—VIBRATION

Total resistance to vibration of machine tools by cutting speed. M. E. El'iasberg. Stan. i instr. 37 no. 4:12-16 Apr '68.

MACHINE TRANSLATING

Algorithm of syntactical analysis for a model of a grammar of relationships. G. M. Il'in. NTI no. 1:51-53 '68.

Algorithms establishing congruences between letters of two different alphabets. B. V. Sukhotin. NTI no. 2:38-40 '68.

Algorithms for determining the spacing between words. E. M. Dzholos. NTI no. 3:35-40 '68.

Automatic translation system worked out by a group in mathematical linguistics of the Computer Center of Leningrad University. B. M. Lelkina and others. NTI no. 1:40-50 '68.

Structure of a sentence with similar members, based on data for the English language N. S. Gorkina. NTI no. 2:34-37 '66.

MACHINERY

Aggregation, standardization, and industrial design. A. Grashin. IU. Kizuchkov. Tekhn. est. 3 no. 2:22-28 F '66.

MACHINERY—ABSTRACTS

[Materials for machinery manufacture and the design of machine parts. Hydraulic drive] Ref. zhur. Mashinostroi mal. zhurn. i rasch. det. mash. Gid. nos. 3-4 Mar '66.

[Technology of machinery manufacture] Ref. zhur. Tekhn. mashinosti no. 1 Apr '66.

MACHINERY—DESIGN AND CONSTRUCTION

At the industrial design office. Prom. Aiz. 9 no. 1:63-64 Jan '66.

MACHINERY—RELIABILITY

Album of information on reliability and durability. V. G. Shmakov. Mashinostroi 16 no. 1:11 Apr '66.

MACHINERY—TECHNOLOGICAL INNOVATIONS

Some inventions in the field of machinery manufacture Vest. mashinosti 16 no. 1:87-88 Apr '66.

MACHINERY—TESTING

Using the magnetic anisotropy of metals in determining stresses in machine parts. A. N. Telepnev, G. V. Galeev. Trudy LITISBP no. 18:182-185 '65.

MACHINERY, AUTOMATIC

Universal equipment for building up an automatic line for machining piston pins M. V. Gaiatuev. Blud. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 3:32 Mar '66.

MACHINERY, KINEMATICS OF

Kinematics and the power conditions of crank presses for the extrusion of tubes and shaped products. I. A. M. Raskin, V. A. Zdanovich. Kuz. stam. prozv. 6 no. 10:35-40 O '64.

MACHINERY IN INDUSTRY

Technological progress in enterprises. I. R. Gordeev. Khleb. i pishch. prom. 10 no. 4:33-34 Apr '68.

MACHINERY INDUSTRY

(see also subdivision under Kaluga)

Development of the machinery industry and changes in the structure of machinery and equipment in 1961-1965. K. K. Vologradov. Vest. mashinosti 16 no. 1:71-78 Apr '66.

Horizons of the Soviet machinery industry. V. I. Sergievich. Shkola i prozv. 10 no. 5:85-86 May '68.

Machinery industry in the national economy of the U. S. S. R. A. A. Adamevskii. Shkola i prozv. 10 no. 4:83-71 Apr '66.

Obsolescence of machinery and the economic efficiency of its replacement. M. Feldman. Trudy INKH no. 35:20-49 '65.

MACHINERY INDUSTRY—ABSTRACTS

[Problems of technological progress and the organization of production in the machinery industry] Ref. zhur. Vop. tekhn. prog. i org. prozv. v mashinosti. nos. 3-4 Mar '66.

MACHINERY INDUSTRY—ACCOUNTING

(see also subdivision under Ural Mountain region)

Receiving daily operational data on the accounting for output and wages in a machinery plant. S. N. Golubeva. Trudy NITMasha no. 1:105-108 '65.

MACHINERY INDUSTRY—AUDITING AND INSPECTION

see subdivision under Leningrad

MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Donetsk; Kramatorsk; Siberia)

Efficient organization of working areas. B. I. Tonts. Mashinostroi 16 no. 4:12-16 Apr '66.

Use of capital assets in enterprises manufacturing heavy machinery. L. Fatukha. Nauch. dokl. vys. shkoly, ekon. nauki 8 no. 2:105-100 '66.

MACHINERY INDUSTRY—EXHIBITIONS

Field and farm machinery. V. Rozan. Nov. vrem. 23 no. 23:30 Fe '66.

MACHINERY INDUSTRY—FINANCE

see subdivision under Gorky

MACHINERY INDUSTRY—LABOR PRODUCTIVITY

see subdivision under White Russia

MACHINERY INDUSTRY—MANAGEMENT

(see also subdivision under Alma-Ata; Andizhan; Dzhambul, Kazakhstan; Petrozavlovsk)

Basis for the reduction of production cycle in machinery industry enterprises. T. Kravtsova. Trudy INKH no. 35:191-197 '65.

MACHINERY INDUSTRY—MECHANIZATION

Basic trends in the overall mechanization of the heavy machinery industry M. G. Ushakov. Mekh. i avtom. prozv. 20 no. 1:11-21 Mar '66.

MACHINERY INDUSTRY—PRODUCTION STANDARDS

(see also subdivision under Azerbaijan)

Milov, E. E. [Establishing technical work norms in the machinery industry] Tekhnicheskoe normirovaniye truda v mashinostroenii. Izd. 2, perer. Moskva, Mashinostroi, 1966. 100 p.

MACHINERY INDUSTRY—QUALITY CONTROL

All-Union conference on new welding techniques and the quality improvement of welding operations in machine manufacturing V. V. Stepanov, B. V. Buldakov. Avtom. svat. 19 no. 9:78-79 Mar '66.

Gostev, V. I. [Statistical control of production quality] Statisticheskii kontrol' kachestva produktov. Moskva, Mashinostroi, 1965. 203 p.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Siberia)

Achievements of modern science and technical progress in the manufacture of machinery A. I. Kozlov. Vest. mashinosti 16 no. 1:1-8 Apr '66.

Foreman and innovator I. A. Morozov, B. N. Boko. Mashinostroi 16 no. 1:32 Apr '66.

Innovators improve industrial production. D. V. Mikhalev. Mashinostroi 16 no. 1:16-18 Apr '66.

MACROMOLECULAR COMPOUNDS

Coefficient of translation friction of macromolecules as dependent on concentration in the medium and in solvents. I. A. Podolskiy, A. V. Podolskiy, V. A. Greshinovskii. Dokl. AN SSSR 167 no. 5:1102-1101 Apr '66.

Effect of destruction rate and of some plasticizers on the physical and chemical properties of the product of the double destruction. P. D. Dubinskii, I. G. Leonov, T. M. Ambakova. Trudy Inst. Khim. AN Gruz. SSR 11:193-199 '64.

Methods for chromatographic analysis of high-molecular compounds. G. M. Shumilkin. Trudy 1-go MGMI 1:11-17 '62.

New method of introducing aldehyde groups into polymer macromolecules containing nitrile groups. N. I. Konnova and others. Vysokomolekul. 6 no. 3:422-428 Mar '66.

MACROMOLECULAR COMPOUNDS—CONGRESSES

International Symposium on Macromolecular Chemistry. E. N. Matveeva, I. M. Stetsko, A. M. Matveeva. 20 no. 4:362-363 Apr '68.

MACROPHAGES

Comparative study of the anticarcinogenic activity of pentellin and sitoptonycin in macrophage cultures subjected to X-ray irradiation and in intact cultures. O. V. Chukhva. Antibiotiki 11 no. 2:157-160 Apr '66.

MAGADAN—ACCLIMATIZATION (PLANTS)

Live in love. N. Ivanov. Sov. profsoyuz 23 no. 4:21-23 Apr '66.

MAGADAN PROVINCE—CIVIL DEFENSE—JOURNALISM

Along the pages of "Magadan'skaya pravda." V. Malinin. Voen. zhurn. 42 no. 5:10-17 May '66.

MAGADAN PROVINCE—LABOR SUPPLY

Some characteristics and ways to improve the use of labor resources in the northeastern part of the U. S. S. R., as exemplified by Magadan Province V. I. Ivanovskii. Izv. SO AN SSSR no. 1. Ser. obshchestv. nauk no. 1:53-58 '66.

MAGMA

Hypsomeric law and its significance for the solution of the problem of magma formation. A. M. Kuznetsov. Geol. i geofiz. no. 4:108-119 '64.

MAGNESIUM—ANALYSIS

Atomic-absorption determination of magnesium in aluminum nitrate using a continuous radiation source. B. I. Ivanov, N. A. Koryeva. Zav. lab. 31 no. 5:566 '65.

Polarographic determination of magnesium in duranum by means of orichrome black T. E. M. Skolobova, L. M. Ivanishchenko. Dokl. AN URSR no. 3:370-372 '68.

MAGNESIUM—EFFECT ON PLANTS

Effect of magnesium on

MAGNESIUM—METALLURGY

Desulfuration of molten carnallite by metallic magnesium. E. I. Savinkova, G. T. Kozmyrov, G. A. Parilina. TSvet. met. 30 no. 4:56-61 Apr '66.

MAGNESIUM ALLOYS

Complexometric determination of indium in magnesium alloys. R. S. Volodarskaya, N. A. Kanaev, G. N. Derevianko. Zav. lab. 32 no. 4:413 '66.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM COMPOUNDS

Interaction of cyclic acetals with phenylethynyl magnesium bromide. A. S. Atavin, B. A. Tolstunov, S. L. Orlova. *Zhur. org. khim.*, 2 no. 2 206-209 1 '67

MAGNESIUM FERRATES, EFFECT OF TEMPERATURE ON

Effect of heat treatment on the magnetic and electric properties of magnesium-aluminum superhigh frequency ferrites. A. S. Khitilil. *Porosh. met.* 6 no. 4 51-54 Ap '68

MAGNESIUM HYDROXIDE

Formation of layers of magnesium hydroxide in gelatin and agar. F. M. Shermukhin. *Trudy I-go NMI* 17:60-71 '62.

MAGNESIUM-LEAD-GERMANIUM ALLOYS

Study of the system $Mg_{50}Pb_{50}$ - $Mg_{50}Ge_{50}$. L. S. Makarov and others. *Izv. AN SSSR. Neorg. mat.* 2 no. 3 485-488 M1 '66.

MAGNESIUM-MANGANESE ALLOYS

High-frequency oscillations in single crystals of magnesium-manganese ferrite. M. A. Monosov, V. V. Sutin, A. A. Tufikova. *Pis' v red. Zh. eksper. i teoret. fiz.* 3 no. 6 230-252 M1 '66.

MAGNESIUM SALTS

Detection of magnesium ions by means of p-nitrophenylstibinic acid. S. G. Pligin. *Zhur. anal. khim.* 21 no. 9 373-373 '66.

Thermodynamic properties of magnesium solutes. Z. L. Leshchinskaya, N. M. Selivanova. *Zhur. neorg. khim.* 11 no. 2 260-265 F '66.

MAGNETIC AMPLIFIERS

Design relationships for three-phase magnetic amplifiers with self-magnetization. A. G. Zubok, A. A. Salimov. *Astron. zh.* no. 3 113-124 '66.

Magnetic power amplifiers in the excitation system of electric propulsion engines. M. A. Shibaev, Inform. sbor. TSNIMF no. 142. *Tekhn. eksp. mor. flota* no. 39: 109-116 '65.

MAGNETIC CIRCUITS

Effect of the technology of the manufacture of the magnetic circuits of power transformers on steel losses. A. D. Gumeniuk and others. *Elekrotekhnika* 37 no. 4, 22-23 Ap '66.

MAGNETIC CIRCUITS—TESTING

Equipment for the quality control of magnetic circuit materials. G. S. Korzunin, I. U. A. Y. Jovin, R. I. Iannas. *Defektoskopia* 1 no. 6 23-27 '65.

MAGNETIC FIELDS

Calculation of vertical derivative components of the intensity of the potential field on a plane according to the distribution of the vertical component of the intensity given on it. V. N. Strakhov, M. I. Lapina. *Prkl. geofiz.* no. 15 163-201 '65.

Effect of a helical magnetic field on the ohmic heating of a plasma in a C-1 unit. P. I. Blinov and others. *Atom. energ.* 20 no. 4 310-315 Ap '66.

Effect of the magnetic field configuration on the heating of a plasma and its confinement in a magnetic-mirror machine. P. I. Blinov and others. *Pis' v red. Zh. eksper. i teoret. fiz.* 3 no. 6 255-258 M1 '66.

Effective magnetic field on a Co50 nucleus in a CoPd alloy. N. E. Alekseyevskii and others. *Pis' v red. Zh. eksper. i teoret. fiz.* 3 no. 6 318-321 Ap '66.

Electroconductivity of p-silicon in strong, pulsed magnetic fields. B. G. Izrael'yev. *Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk* no. 2 31-34 '66.

Experimental study of toroidal beams with heavy space charges formed in crossed electric and magnetic fields. A. A. Mol'nichenko, V. A. Filagin. *Izv. vys. ucheb. zav., radiofiz.* 9 no. 1 135-145 '66.

Integral methods of the interpretation of aerial measurements of a magnetic field. V. A. Larionov, O. A. Solov'ev. *Prkl. geofiz.* no. 15 202-212 '65.

Spherical aberration of axially-symmetric imbedded sectorial electric and magnetic fields. P. T. Dybov, V. I. Dymovich. *Fiz. elek.* no. 2 41-48 '65.

Studying the motion of charged particles in the magnetic dipole field occurring in the outer magnetic field using the Störmer method. V. P. Shaifman, I. N. Shvachunov. *Kosm. issl.* 4 no. 2 208-220 M1-Ap '66.

Theory of the transfer phenomenon in conductors in a magnetic field. D. D. Tshkhakia. *Fiz. met. i metalloved* 21 no. 3 325-330 M1 '66.

MAGNETIC FIELDS (COSMIC PHYSICS)

Critical wavelength in a system consisting of a collisionless gas of particles and a continuum in the presence of a homogeneous magnetic field. M. N. Maksimov. *Dokl. AN Tadzh. SSR* 9 no. 3 17-20 '65.

Dynamic dissipation of a magnetic field and the acceleration of particles. S. I. Syrovatskii. *Astron. zh.* 43 no. 2 340-355 Mr-Ap '66.

Galactic magnetic field in solar vicinity. L. L. Pronik. *Astron. zh.* 43 no. 2 201-209 Mr-Ap '66.

MAGNETIC FIELDS (COSMIC FIELDS)—MEASUREMENT

Magnetic measurement equipment of the space station "Elektron-2." L. M. Aleksanian and others. *Kosm. issl.* 4 no. 2 302-310 M1-Ap '66.

MAGNETIC MATERIALS—TESTING

Second Scientific and Technical Conference on Apparatus for Testing Ferromagnetic materials. I. I. Kifer. *Zav. lab.* 31 no. 7 909-919 '65.

MAGNETIC MEASUREMENTS

Interpretation of magnetic measurements by the "Pioneer-1" and its geophysical consequences. M. A. Gintzburg. *Kosm. issl.* 4 no. 2 296-301 M1-Ap '66.

MAGNETIC MOMENTS

Effects caused by the inertia of the magnetic moment. A. M. Rodichev, E. I. Khilobovits, R. G. Khilobovits. *Zhur. eksp. i teoret. fiz.* 50 no. 3 626-629 M1 '66.

MAGNETIC PROSPECTING—see subdivision under Russian Platform

MAGNETIC RECORDERS AND RECORDING

Automatic device for controlling magnetic recorders. P. M. Eremeev. *Vest. plotivovozd. chor.* no. 3 92-93 Mr '66.

Efimov, A. P. [Recording of sound and images] *Zapiski IZobrazheniya*, Moskva, Svyaz', 1966. 111 p. Type B1 magnetic carrier for pulse recording. S. Kh. Nazarov, A. P. Plotnev. *Tekhn. kino i telev.* no. 4 44-47 Ap '66.

MAGNETIC SEPARATION OF ORES

Method of separating nonmagnetic minerals in a magnetic field. O. M. Knaus. *TSvet. met.* 39 no. 4 25-27 Ap '66.

MAGNETIC TESTING

Automatic device for the sorting out of cast iron nipple discards according to hardness. V. A. Bogdanov and others. *Defektoskopia* 1 no. 6 35-40 '65.

Magnetic control of the surface hardening of a plastically deformed layer on steel parts. I. M. Shif, B. M. Neizvestinov. *Defektoskopia* 1 no. 6 23-25 '65.

Pulse device for the circular magnetization of products. G. I. Dmitriev, E. E. Stolskaya, D. A. Shurkin. *Defektoskopia* 1 no. 6 79-80 '65.

Using magnetic probes for flaw detection in steel pipe in an applied circular magnetic field. N. N. Zaitsepin and others. *Defektoskopia* 1 no. 6 3-8 '65.

MAGNETISM—PHYSIOLOGICAL EFFECT

Space biology and magnetic fields. I. U. A. Kholodov. *Priloda* 55 no. 4 114-115 '66.

MAGNETISM, TERRESTRIAL

(see also subdivision under Siberia Platform)
Akademiya nauk SSSR, Sibirskoe otdeleniye, Sibirskii Institut zemnogo magnitizma, ionosfery i rasprostraneniya radiovoln. [Studies in geomagnetism and aeronomy] *Issledovaniya po geomagnetizmu i aeronomii*, Moskva, Nauka, 1966. 287 p.

MAGNETITE

Comparative evaluation of the weighing capacity of magnetite and of various fine ground barites. A. P. Volkoskovskii and others. *Bulleten* no. 3 10-21 '66.

Delivery of magnetite, organization of its storage, and preparation of its suspension. V. S. Tikhonov, D. K. Glebov. *Ugol' UKr.* 10 no. 4 50 Ap '66.

Determination of the equilibrium constant in reduction by hydrogen of magnetite to iron at 1000° C. I. U. P. Vorob'ev, V. N. Bogoslovskii, G. I. Chufarov. *Dokl. AN SSSR* 167 no. 5 1112-1111 Ap '66.

Phase analysis of inclusions in the magnetic enrichment of ferrous quartzites and use of the induction method in magnetite determination. K. A. Pomenko and others. *Zav. lab.* 31 no. 6 711-712 '65.

Relation between the mineralogical composition and reduction rate of magnetite with various additions. S. Kh. Egonov and others. *Zhur. prikl. khim.* 39 no. 1 20-25 Ja '66.

Structure of solid solutions of magnetite in ferroschomitic. I. A. Novokhatskii, R. L. Gershtman, A. A. Savinskaya. *Izv. AN SSSR. Met.* no. 2 27-30 M1-Ap '66.

MAGNETITE—SPECTRA—see subdivision under Bug Valley

MAGNETITE CRYSTALS—MAGNETIC PROPERTIES

Temperature dependence of spontaneous magnetization of a single crystal of magnetite in the low temperature range. N. V. Volkenstein, T. D. Zotov. *Fiz. met. i metalloved* 21 no. 3 463-464 Mr '66.

MAGNETIZATION

Pulse device for the circular magnetization of products. G. I. Dmitriev, E. E. Stolskaya, D. A. Shurkin. *Defektoskopia* 1 no. 6 79-80 '65.

Simple device for magnetizing permanent magnets. M. B. Mintz. *Zav. lab.* 32 no. 4 496 '66.

MAGNETOHYDRODYNAMIC GENERATORS

Explosion-magnetic generators. A. D. Siskharov. *Usp. fiz. nauk* 88 no. 1 725-731 Ap '66.

Magnetohydrodynamic generators and possibilities of utilizing them. V. M. Stepanov. *Mos. sbor.* 17 no. 2 70-79 F '61.

Theory of the hydromagnetic dynamo. L. D. Pichakhchid. *Zhur. eksp. i teoret. fiz.* 50 no. 3 818-820 M1 '66.

MAGNETOHYDRODYNAMICS

Generation of magnetohydrodynamic waves in sunspots. M. Maril. *Astron. zh.* 43 no. 2 400-406 Mr-Ap '66.

Magnetohydrodynamic instability due to an electric explosion. K. B. Abramova and others. *Dokl. AN SSSR* 167 no. 1 778-781 Ap '66.

Magnetohydrodynamic theory of lubrication of a cylindrical bearing. I. A. Shvarts. *Izv. AN SSSR. Mekh. zhid i gaz* no. 1 9-15 Ja-F '66.

Magnetohydrodynamic waves. R. V. Polovin, K. P. Chukriyeva. *Usp. fiz. nauk* 88 no. 1 59-617 Ap '66.

Stability of a conducting fluid flow down an inclined plane in the presence of a magnetic field. I. U. P. Ladikov. *Izv. AN SSSR. Mekh. zhid i gaz* no. 1 3-8 Ja-F '66.

MAGNETOMETER

Magnetometer for studying fast processes. M. V. Belous, M. A. Vasil'ev, V. T. Cherem. *Zav. lab.* 32 no. 5 370-371 '66.

MAGNETO-OPTICS

Zeeeman effect and absorption spectrum of Mn^{2+} ions in ZnS . V. V. Ilchenko, I. U. A. Popkov. *Ukr. fiz. zh.* 11 no. 4 995-1003 Ap '66.

Zeeeman effect in excitation - magnon bands in the antiferromagnetic crystal MnF_2 . V. V. Ereminenko, I. U. A. Popkov, L. T. Kharchenko. *Pis' v red. Zh. eksper. i teoret. fiz.* 3 no. 6 233-237 Mr '66.

MAGNETORESISTANCE

Magnetoresistance transducers made from LaB_6 . S. Subhanov, M. V. Aizmanova, V. F. Sytkina. *Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk* no. 2 35-38 '66.

MAGNETRONS

Steady-state oscillations of an electron cloud in a cylindrical magnetron. Part I. Mechanism of stabilization. V. I. Vidorchik, V. M. Kontorevich. *Izv. vys. ucheb. zav. radiofiz.* 9 no. 1 155-166 '66.

Use of a probe with electron-beam indicator in measuring the potential distribution in an unsplit-anode magnetron in the static regime. L. M. Groshkov. *Izv. vys. ucheb. zav. radiofiz.* 9 no. 1 167-172 '66.

MAGNETS

Katani'son, O. G., and A. S. Edel'shtein. [Magnetic suspension in the instrument industry] *Magnitnaya podvieska [v prikladnoy stroitel'stve]*. Moskva, Energiya, 1966. 92 p. [Biblioteka po avtomatike, no. 167]

Metal-ceramic "magniko"-type magnets with a high coercive force. A. D. Altman and others. *Elektrotehnika* 37 no. 4 33-35 Ap '66.

Overvoltages of electromagnet steel mixers. N. I. Sirenko. *Elekrotehnika* 37 no. 4 51-53 Ap '66.

MAGNETOORISK—METALLURGICAL PLANTS

Work of railroads in the Metallurgical Combine. M. A. Kazin, *Prikl. pul. khoz.* 10 no. 5 16-10 '66.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1893-1930

Maikovsky and his contemporaries. N. Reformat'skaya. *Nov. mir* 42 no. 1 251-256 Ja '66.

Maikovsky in Kuzkaka. V. Katantian. *Vop. lit.* 9 no. 11 103-107 N '65.

MAKOP GAS FIELD—GAS, NATURAL—PROCESSING

The T-S diagram of natural gas from the Makop gas condensate field. M. M. Vasil'ev. *Gaz. delo* no. 3 20-22 '66.

MAIL ORDER BUSINESS

Supplying workers of important construction projects with goods. A. Mikhalev. *Sov. tovg.* 39 no. 1 11-42 Ja '65.

MAIOROV, MYKHAILO MOISEOVYCH, 1890-1940

M. M. Maiorov, party leader and historian. V. S. Levin. *Ukr. ist. zh.* 9 no. 2 124-127 F '65.

MAIZE—see Corn (Maize)

MAKARENKO, ANTON SEMENOVICH, 1868-1939

Against the falsification of A. S. Makarenko's pedagogical heritage abroad. V. I. Ivanov's'ka. *Rad. shk.* 44 no. 3 23-27 Mr '66.

MAKEYEVA—COKE INDUSTRY

Makoyevka Coke and Coal Chemicals Plant. I. M. Lotze-rov. *Koks i khim.* no. 3 55 '66.

MAKHARADZE DISTRICT—TEA

Tea cultivation as the basis of the economics of collective farms in Makharadze District. A. N. Toldze. *Subtrop. kul't.* no. 4 26-30 '65.

- MAKSIMENKOV, ALEKSEI NIKOLAEVICH**, 1906-
Interaction of nature and society and economic geography.
M. M. Zhukovskii. Izv. AN SSSR Ser. geogr. no. 2:95-102 Mr-Apr '66.
- MANAGEMENT**
Vital necessity of developing and improving socialist economic relations. A. M. Kovalev, Nauch. dokl. vys. shkoly, filos. nauki 9 no. 2:3-10 '66.
- MANGANESE**
Electrokinetic properties of manganese minerals as affected by illumination within the visible region of the spectrum. I. N. Habaev, I. G. Medvedev, R. Sh. Shafeyev. Dokl. AN SSSR 167 no. 5:1100-1101 Ap '66.
Vapor pressure of solid manganese. V. L. Bogatyrev, I. V. Golubtsov. Zhur. fiz. khim. 10 no. 1:938-940 Ap '66.
- MANGANESE—ANALYSIS**
Analysis of manganese-zinc ores using extraction. I. A. Shevchuk, N. N. Nikol'skaya, I. N. Simonova. Zav. lab. 31 no. 5:515-517 '65.
- MANGANESE—SPECTRA**
Electron paramagnetic resonance of Mn^{2+} in molybdates having scheelite structure. M. I. Samoilovich and others. Zhur. strukt. khim. 7 no. 1:109-110 Ja-F '66.
- MANGANESE ALLOYS**
Anodic dissolution of manganese and its alloy with nickel in fused alkali metal chlorides. G. N. Kuznetsov, I. P. Nichekov, S. P. Raspopin. Elektrokhimia 2 no. 1:505-508 Ap '66.
- MANGANESE ALUMINATE**
Phase equilibria diagram in the system $MnO-Al_2O_3$ (corundum). I. A. Novokhatkai and others. Zhur. neorg. khim. 11 no. 2:427-428 F '66.
- MANGANESE CARBONYL**
Allyl rearrangements in the reactions of nucleophilic substitution in 1-hydroxy-1-phenyl-2-propen-1-yl-cyclopentadienyl manganese tricarbonyl. K. N. Anisimov and others. Izv. AN SSSR, Ser. khim. no. 1:179-175 '66.
Stabilization of an intermediate π -carbonium ion in cyclopentadienyl manganese tricarbonyl. A. N. Neomolanov and others. Izv. AN SSSR Ser. khim. no. 1:729-730 '66.
- MANGANESE CATALYSTS**
Hydrogenation of nitrogen oxides on a manganese catalyst. M. G. Chikhobianishvili, V. T. Chagunova. Soob. AN Gruz. SSR 41 no. 3:591-596 Mr '66.
- MANGANESE COMPOUNDS—PHYSIOLOGICAL EFFECT**
Mutagenic properties of manganese compounds and some pesticides. D. S. Makarlan, R. N. Mandzhigaladze, V. I. Vashkidze. Soob. AN Gruz. SSR 41 no. 2:471-475 F '66.
- MANGANESE FLUORIDE CRYSTALS—SPECTRA**
Zeeman effect in exciton-magnon bands in the antiferromagnetic crystal MnF_2 . V. V. Eremin, I. U. A. Popkov, L. T. Kharchenko. Pis'ma v fiz. Zhur. eksp. i teor. fiz. 3 no. 8:233-237 Mr '66.
- MANGANESE IN THE BODY**
Effect of sun and temperature on the change in manganese content in various rat organs. L. S. Klemesheva, Uzb. biol. zhur. 10 no. 1:31-34 '66.
- MANGANESE ISOTOPES—SPECTRA**
Gamma spectrum of Mn^{56} . N. A. Voinova and others. Izd. fiz. 3 no. 4:593-597 Ap '66.
- MANGANESE—MAGNESIUM ALLOYS** see Magnesium-manganese alloys
- MANGANESE METABOLISM**
Effect of extirpation of solar plexus ganglia on the copper and manganese content in the blood. L. I. Khananava, Z. V. Karpiluk. Ukr. biokhim. zhur. 38 no. 2:132-135 '66.
- MANGANESE MINES AND MINING** see subdivision under Chikura (Georgia); Nikol'skii region (Ukraine)
- MANGANESE ORES** see subdivision under Korch Peninsula
- MANGANESE SALTS—SPECTRA**
Electron paramagnetic resonance of Mn^{2+} ions in polycrystalline zinc oxide. N. I. Kuntsevich, A. L. Pozniak, V. V. Svirydu, Vestn. AN BSSR, Ser. khim. i nat. no. 4:41-45 '66.
- MANGLISI REGION (GEORGIA)—GEOLOGY, STRATIGRAPHIC**
Oligocene sediments in the surroundings of Manglisi. D. U. Papava. Soob. AN Gruz. SSR 41 no. 2:365-368 F '66.
- MANGYSHLAK PENINSULA—AGRICULTURE**
Prospects of agricultural production. A. Leonov. Nar. khoz. Kazakh. 24 no. 3:78-80 Mr '66.
- MANGYSHLAK PENINSULA—GEOLOGY, STRUCTURAL**
Some characteristics of the distribution of local uplifts in the southern Mangyshlak and their oil and gas potential. M. F. Mikhlin and others. Neftegaz, geol. i geofiz. no. 4:23-27 '66.
- MANGYSHLAK PENINSULA—OIL SANDS**
Reservoir properties of the Jurassic and Cretaceous sediments in the southern part of Mangyshlak Peninsula. S. I. Chukabava and others. Izv. AN Kazakh. SSR, Ser. geol. 23 no. 2:3-11 Mr-Apr '66.
- MANGYSHLAK PENINSULA—PETROLEUM**
In the State Committee on Petroleum Production attached to the State Planning Committee of the Council of Ministers of the U.S.S.R. Neft khoz. 17 no. 7:67-68 F '65.
- MANGYSHLAK PENINSULA—PROSPECTING**
Accelerated preparation of an oil and gas base in the southern Mangyshlak Peninsula. Geol. i nef. gaz. 10 no. 1:1-4 Ap '66.
- MANGYSHLAK PENINSULA—SCARABAEIDAE**
Larvae of *Chloroneoma asitachanum* Sem. (Coleoptera, Scarabaeidae). L. N. Skopina. Zool. zhur. 15 no. 2:300-302 '66.
- MANIFOLDS (MATHEMATICS)**
Boundedness of variations of a manifold. A. M. L. Gromov, M. S. Melnikov. Trudy Mosk. mat. obshch. 14:337-337 '66.
- MANIKOV, MIKHAIL EFIMOVICH, 1895-**
M. I. Manikov, on his 70th birthday. Vop. fiz. i tekhn. 1:166-166 '65.
- MANNED SPACE FLIGHT**
Man goes to the moon. N. Vainarov. Grazhd. av. 23 no. 4:4 Ap '65.
Steps in the development. A. Leonov. Av. i kosm. no. 5, 27-31 My '66.
- MANNHEIM, KARL, 1893-1947**
Karl Mannheim and the problem of party split in the knowledge of history. P. N. Khmylev. Trudy Tifl. 178:89-84 '66.
- MANNICH REACTION**
Mannich reaction involving 1-hydroxy-3,5-dialkylacetophenones. A. A. Volod'kin, V. V. Lashkov, N. V. Vainarov. Izv. AN SSSR, Ser. khim. no. 1:757-758 '66.
- MANNITOL**
Solubility of mannitol in water. V. A. Fyutashenko, O. I. Pankratova. Zhur. prikl. khim. 38 no. 2:464-465 F '66.
- MANOMETER**
The DP floating differential manometers. A. A. Terent'ev. Bul. tekhn. i ekon. inform. Gos. nauch. i issled. inst. inform. 19 no. 7:27-29 Mr '66.
The DSS and DSP bellows-type differential manometers. A. A. Terent'ev. Bul. tekhn. i ekon. inform. Gos. nauch. i issled. inst. inform. 19 no. 2:19-20 F '66.
- MANUFACTURES—ABSTRACTS**
[Commercial, household, and commercial equipment] Ref. zhur. Komm. i byt. i tog. khoz. no. 3-1 Mr-Apr '66.
[Light industry] Ref. zhur.: Leg. prom. no. 4 Ap '66.
- MANUILOV, DMITRI ZAKHAROVICH, 1893-**
Festive meetings dedicated to the 80th birthday of D. Z. Manuilovich. H. P. Kravchenko. Ukr. iat. zhur. 8 no. 1:150 '64.
- MANUSCRIPTS (BIRCH DARK)** see subdivision under Novgorod
- MANUSCRIPTS, AZERBAIJANI**
Manuscripts of a divan by Mukhammad Amani. H. Azerbegly. Dokl. AN Azerb. SSR 21 no. 11:89-93 '65.
- MANYOSH DEPRESSION—GEOLOGY, STRUCTURAL**
Manyosh tectonic geosuture and its reflection in the Mesozoic and Cenozoic structure and recent uplift. I. U. A. Sudarikov. Trudy MINKHIGI no. 11:15-20 '66.
- MAPLE**
Effect of leaves and buds on the development of the stem structure in year-old seedlings of the European maple *Acer platanoides* L. E. A. Kondrat'eva-Mol'vill. Izv. zhur. 51 no. 3:372-381 Mr '66.
- MARCHLEWSKI, JULIAN DALTAR, 1866-1926**
Julian Daltar Marchlewski on the 100th anniversary of his birth. V. S. Nevelina, I. S. Izashvorskaya. Vop. ist. KPSS 10 no. 5:100-111 My '66.

MATHEMATICS—FORMULAE

TSikunov, A.E. [Collection of mathematical formulae] *Sbornik matematicheskikh formul*. Minsk, Vyssheshaya shkola, 1956 178 p.

MATHEMATICS—PHILOSOPHY

Quantitative relations in nature. E. I. Levi. *Uch. zap. Kaf. abstraktsiv. nauk vuz. g. Len.*, Filos. no. 7-10-51 '65

MATHEMATICS—STUDY AND TEACHING

.....

nachalnogo obucheniya matematike; posobie dlia uchitel'ia. Pod red. A. S. Pcheta. Moskva, Prosveshchenie, 1955. 374 p.

Developing the communist outlook in mathematics classes. I. F. Teslenko. *Rad. shk.* 44 no. 2:61-67 '66.

Interest as an educational stimulus. E. D. Popov. *Rad. shk.* 44 no. 3:67-71 Mr '66.

Mathematical training of economists and engineers. S. L. V. Kuznetsov, A. G. Pinsker. *Vest. vys. shkoly* 24 no. 3-22-27 Mr '66.

Teaching of mathematics and physics in schools. S. T. Zavalo. *Rad. shk.* 44 no. 2:1-9 F '66.

MATHEU FUNCTIONS

Use of the Mathieu equation in the study of the self-excitation of an induction generator. S. K. Bokhan. *Izv. AN Arm SSR Ser. tekhn. nauk*, 19 no. 1:21-29 '66.

MATRICES

Computation of integrals by classes of conjugate elements in a group of complex matrices. M. I. Graev. *Trudy Mosk. mat. ob-va* 14:279-298 '65.

Equivalence of systems of integral matrices. D. K. Faddeev. *Izv. AN SSSR, Ser. mat.* 30 no. 2:449-451 '66.

Learning matrices as classifiers of information. M. A. Aganinova, R. A. Akopjan. *NTI* no. 3:29-26 '66.

Mechanization of the calculation of translocation matrices. I. P. Nikitin. *Dop. AN URSR* no. 3:316-318 '66.

Some indications of the unboundedness and discreteness of the spectrum of Jacobi matrices. P. B. Naiman. *Dop. AN URSR* no. 2:141-113 '66.

Theory of analytic continuation of power series by lower triangular matrices. A. A. Melentsov. *Mat. sbor.* 69 no. 4:525-515 Ap '66.

Unitarity of the S-matrix in disturbed SU(6) symmetry. Nguyen Van Thieu, A. N. Tavkhelidze. *Dokl. AN SSSR* 167 no. 4:702-704 Ap '66.

MAURITANIA—ECONOMIC CONDITIONS

Mauritania: Toward a happy future. G. Abramov. *Azi. Afri. seg.* 9 no. 5:36-37 My '66.

MAY DAY (LABOR HOLIDAY)

The May Day fire. *Nov. vrom.* 23 no. 18:1-2 My '66.

MAYKIE VALLEY—FRESHWATER BIOLOGY

Hydrology of the body of water of Kuchulin. V. V. Zhurkinn. *Soob. DVFAN SSSR* no. 23:45-46 '64.

MAZURKIN, ALEKSANDR

Apoc on a ship's bridge. R. Sokolova. *Mol. komm.* no. 3:100-109 Mi '65.

MAZUT

Operation of water heating boilers on sulfur-bearing mazut. G. I. Zagorskii, N. S. Bogomolov. *Prom. onerg.* 21 no. 4:24-25 Ap '66.

Optimum consumption of mazut in a blast furnace. I. U. L. Lokontsev and others. *Metallurg* 11 no. 4:6-7 Ap '66.

Testing the "Skoda" diesel engine on a mixture of diesel fuel and mazut. V. Aronovskii, Zh. Tuparev, S. Zinov. *Rech. transp.* 24 no. 9:25-26 '65.

Using grid baffles in vacuum columns of mazut processing installations. M. A. Mamedov, Sh. Sh. Spektor, L. K. Davidian. *Nefttepor. i neftekhim.* no. 4:34-36 '66.

MEADOWS see Pastures and meadows

MEASLES—PREVENTIVE INOCULATION

(see also subdivision under Alma-Ata; Baku; Kaliningrad; Kharkov; Kiev; Kirghizistan; Latvia; Leningrad; Moldavia; Odessa Province; Rumania Province; Rostavl; Georgia; Sverdlovsk; Tiflis; Ukraine)

Active immunization against poliomyelitis using live vaccine during an outbreak of measles. L. N. Shitakhov and others. *Trudy Len. inst. epid. i mikrobiol.* 28:416-423 '65.

Basic trends and results of active immunization against measles. A. A. Smorodintsev and others. *Trudy Len. inst. epid. i mikrobiol.* 28:7-35 '65.

Clinical data on children inoculated with live measles vaccine. L. V. Byat'skova and others. *Trudy Len. inst. epid. i mikrobiol.* 28:149-156 '65.

Changes in the humoral immunity in children vaccinated against measles. E. S. Shikina. *Trudy Len. inst. epid. i mikrobiol.* 28:237-256 '65.

Characteristics of reactogenic and immunogenic properties of the Leningrad-4 live measles vaccine. N. M. Beliaeva. *Trudy Len. inst. epid. i mikrobiol.* 28:171-185 '65.

Characteristics of some reactogenic properties of live measles vaccine. V. E. Kuznetsov, K. G. Mepanishvili, E. S. Mateshvil. *Trudy Len. inst. epid. i mikrobiol.* 28:187-195 '65.

Characteristics of Soviet measles vaccines. A. A. Kolchulina, L. I. Semen'kova. *Trudy Len. inst. epid. i mikrobiol.* 28:67-91 '65.

Characteristics of the biological and cultural properties of the Leningrad-4 measles vaccine strain. V. N. Meshalova. *Trudy Len. inst. epid. i mikrobiol.* 28:92-100 '65.

Characteristics of the live measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology. T. D. Netsvetova. *Trudy Len. inst. epid. i mikrobiol.* 28:222-221 '65.

Characteristics of the reactogenicity of the live measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology. G. S. Revila, D. I. Safarov, S. L. Alimov. *Trudy Len. inst. epid. i mikrobiol.* 28:157-165 '65.

Clinical characteristics of reactions in children to measles vaccination and the course of measles in vaccinated children. N. G. Stepanova and others. *Trudy Len. inst. epid. i mikrobiol.* 28:230-234 '65.

Clinical data on the reactogenicity of measles vaccine. A. T. Kuz'micheva. *Trudy Len. inst. epid. i mikrobiol.* 28:121-130 '65.

Data for the evaluation of the epidemiological effectiveness of live measles vaccine prepared from the Leningrad-4 strain. M. I. Nikitin and others. *Trudy Len. inst. epid. i mikrobiol.* 28:300-320 '65.

Data for the study of reactogenic and epidemiological effectiveness of live measles vaccine prepared from the Leningrad-4 strain. M. I. Nikitin and others. *Trudy Len. inst. epid. i mikrobiol.* 28:321-329 '65.

Dynamics of virus-neutralizing antibodies in children vaccinated with live measles vaccine. M. A. Levashina and others. *Trudy Len. inst. epid. i mikrobiol.* 28:261-265 '65.

Effect of measles and live measles vaccine on diphterial immunity. N. V. Danikina. *Trudy Len. inst. epid. i mikrobiol.* 28:257-260 '65.

Epidemiological effectiveness of the Leningrad-4 live measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology in children's centers. N. D. Revenok, G. M. Groisman, I. A. Grozman. *Trudy Len. inst. epid. i mikrobiol.* 28:316-354 '65.

Morphological changes in experimental measles infection following vaccination against measles. I. G. Shvilt, A. S. Kozluk. *Trudy Len. inst. epid. i mikrobiol.* 28:101-117 '65.

Preliminary results of a study of a live measles vaccine from the Leningrad-4 strain. L. V. Kolesnikov and others. *Trudy Len. inst. epid. i mikrobiol.* 28:365-367 '65.

Present-day measles and reaction to the introduction of live measles vaccine. A. T. Kuz'micheva, L. V. Byat'skova, N. V. Matushina. *Trudy Len. inst. epid. i mikrobiol.* 28:140-148 '65.

Reactogenic and immunogenic properties of measles and mumps vaccines introduced separately and in combination. L. G. Peshchenko. *Trudy Len. inst. epid. i mikrobiol.* 28:301-305 '65.

Results of combined vaccination with live measles and parvovirus vaccines. M. N. Nasibov. *Trudy Len. inst. epid. i mikrobiol.* 28:424-432 '65.

Results of the study of a live measles vaccine prepared from the Leningrad-4 strain. L. U. Tarov, L. M. Bolchuk, A. A. Smorodintsev. *Trudy Len. inst. epid. i mikrobiol.* 28:57-77 '65.

Results of the study of live tissue vaccines against epidemic parvovirus in association with measles vaccines. M. N. Nasibov, E. S. Shikina. *Trudy Len. inst. epid. i mikrobiol.* 28:280-290 '65.

Results of the use of the Leningrad-4 live measles vaccine during increasing measles morbidity. N. D. Revenok, A. A. Smorodintsev. *Trudy Len. inst. epid. i mikrobiol.* 28:361-371 '65.

Serological and epidemiological data on the study of associated vaccines against measles and mumps. E. S. Shikina and others. *Trudy Len. inst. epid. i mikrobiol.* 28:291-300 '65.

Studies of clinical reactions in children to the introduction of the measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology. L. V. Livanova. *Trudy Len. inst. epid. i mikrobiol.* 28:206-211 '65.

Studies on biological, reactogenic, and immunogenic properties of a new variant of a live measles vaccine prepared from the Leningrad-5 strain. G. M. Denisov, L. M. Bolchuk, E. S. Shikina. *Trudy Len. inst. epid. i mikrobiol.* 28:176-186 '65.

Studies on the culture and immunogenic properties of cold-resistant variants of the Leningrad-4 vaccine strain. I. M. Bolchuk, N. V. Iakovleva, A. A. Smorodintsev. *Trudy Len. inst. epid. i mikrobiol.* 28:30-55 '65.

Time of the appearance of immunity to measles following the introduction of live measles vaccine. N. D. Revenok. *Trudy Len. inst. epid. i mikrobiol.* 28:355-360 '65.

Use of hemagglutination inhibition reaction for the determination of measles antibodies. Report No. 1. Determination of measles antibodies in sera of children vaccinated against measles. A. A. Kolchulina, L. I. Semen'kova. *Trudy Len. inst. epid. i mikrobiol.* 28:266-272 '65.

Use of hemagglutination inhibition reaction for the determination of measles antibodies. Report No. 2. A. A. Kolchulina, L. I. Semen'kova. *Trudy Len. inst. epid. i mikrobiol.* 28:273-279 '65.

MEASLES VACCINE—ANALYSIS

Clinical study of the reactogenicity of live measles vaccines. S. G. Chesnik, L. A. Nefedova, V. M. Dolotovskii. *Sov. med.* 29 no. 3:126-132 Mr '66.

MEASLES VIRUSES

Studies on the culture and immunogenic properties of cold-resistant variants of the Leningrad-4 vaccine strain. L. M. Bolchuk, N. V. Iakovleva, A. A. Smorodintsev. *Trudy Len. inst. epid. i mikrobiol.* 28:39-55 '65.

MEASURE THEORY

Some denumerably additive vector measures. L. I. A. Savell'ev. *Dokl. AN SSSR* 167 no. 4:758-759 Ap '66.

MEASURING INSTRUMENTS

Device for measuring static deformations by the zero method with a simplified system of balances and readings. L. S. Tiubnikov. *Izv. VNIIG* 74:231-236 '64.

Device for testing samples of wires and bands of small cross sections for high-frequency cyclic torsion. Z. A. Timofeeva, L. B. Zhermunkova, V. F. Semena. *Zav. lab.* 32 no. 4:485-486 '66.

Instrument for determining the quality of the joints of large-panel buildings. I. U. Koybe. *Zh. st. i st. no. 4*:7-9 '65.

Slide rule for calculating the test breakdowns of piling. P. G. Zhurbin. *Transp. stol.* 15 no. 8:47-48 Ag '65.

Teaching the students how to use a slide gauge. A. M. Dobyshev, G. V. Demin. *Shkola i proizv.* 10 no. 4:35-38 Ap '65.

Transducer for measuring linear displacements at high temperatures. I. U. S. Il'in. *Zav. lab.* 32 no. 4:493-494 '66.

MEASURING INSTRUMENTS—MAINTENANCE AND REPAIR

Keep measuring equipment in excellent condition. M. F. Borisov. *Vest. protivovozd. obor.* no. 8:47-49 Ag '65.

MEAT

Analyzing the structural and mechanical properties of meat. M. N. Kilenko, A. I. Pelev. *Izv. vuz. ucheb. zav., pishch. tekhn.* no. 2:82-85 '66.

Hygienic aspects of thermal processing of chopped meat products. V. G. Gel'mberg, L. V. Chornikova. *Vop. pit.* 25 no. 2:71-76 Mi-Ap '66.

MEAT—ANALYSIS

Effect of dried tissue preparations on beef cattle meat yield and on the nutritional value of meat. A. Enikseev, S. Ushakov, G. Alifanov. *Mias. ind. SSSR* 37 no. 2:50-52 '66.

MEAT—COOLING

Basics for the production of supercooled meat. N. Golovkin and others. *Mias. ind. SSSR* 37 no. 2:7-9 '66.

MEAT—PRESERVATION

Changes in some physicochemical meat indices during storage at temperatures ranging from -2° to 5° C. M. Gorbulevskii, L. Malkutina. *Mias. ind. SSSR* 37 no. 2:41-43 '66.

MEAT—STERILIZATION

Bactericidal and bacteriostatic effect of meat treatment with high frequency currents. I. Korneev, N. Fedorov, I. Rogov. *Mias. ind. SSSR* 37 no. 2:47-49 '66.

MEAT, FROZEN—ANALYSIS

Chemical composition of frozen beef carcasses. N. V. Fyodorova, L. N. Mikhailova. *Vop. pit.* 23 no. 3:65-66 My-Je '61.

MEAT GRINDERS

Cast grinding plates for meat grinders. G. Savell'ev. *Mias. ind. SSSR* 37 no. 2:37-38 '66.

MEAT INDUSTRY

(see also subdivision under Armenia)

Brief summary of the results of the seven-year plan and basic trends in the development of the meat industry in the new five-year plan. G. Galeev. *Mias. ind. SSSR* 37 no. 2:1-3 '66.

In honor of the 23d Congress of the CPSU, N. Smirnova, O. Skotnikova. *Mias. ind. SSSR* 37 no. 2:4-6 '66.

It is possible to do without the middleman. K. Ivanov, Zakup. sel'khoz. prod. no. 3:37 Mi '66.

Potentials of the meat industry. S. Alekseev. *Mias. ind. SSSR* 37 no. 2:52-53 '66.

Reducing the loss of meat in storage. A. Zhavoronkov. *Sov. potreb. koop.* 10 no. 4:63-64 Ap '66.

MEAT INDUSTRY—BY-PRODUCTS

Some data on the effective use of the waste of the meat industry in intensive fattening of swine. V. M. Novikov. *Uch. zap. KVI* 93:108-112 '64.

Stabilization and separation of animal blood for edible purposes. E. Gol'dman, E. Kuzenko. *Mias. ind. SSSR* 37 no. 2:9-12 '66.

MEAT INDUSTRY—HYGIENIC ASPECTS see subdivision under Sochi

MEAT INDUSTRY—MANAGEMENT

Introducing the scientific organization of work.
IU, Zakhin. *Mas. ind. SSSR* 37 no. 2, 23-25 '66.
Make expedient use of State Bank loans. A. Kosogov.
Mas. ind. SSSR 37 no. 2, 27 '66.
Operating under the new conditions of planning and economic stimulation. B. Kholiavin. *Mas. ind. SSSR* 37 no. 2, 20-22 '66.

MEAT INDUSTRY—PRODUCTION STANDARDS

Need for a scientific methodology for the establishment of sound material norms. N. Spasianski. *Mas. ind. SSSR* 37 no. 2, 23-25 '66.

MEAT INDUSTRY—RESEARCH

Fifteenth European Congress of the representatives of the scientific research institutes of the meat industry, annotated review of reports. *Mas. ind. SSSR* 37 no. 2, 47-49 '66.

MEAT INDUSTRY—SPECIFICATIONS

Inter-republic technical specifications. V. Rusakov.
Mas. ind. SSSR 37 no. 2, 58 '66.

MEAT INSPECTION

Ways for solving the problem of procurement and veterinary inspection of saiga meat. E. F. Lozhkin. *Trudy AZVI* 13-158-163 '64.

MECHANICAL BRAINS

 see Cybernetics

MECHANICAL DRAWING—STUDY AND TEACHING

Chasova, V. V. [Mechanical drawing in school, a handbook for teachers] *Tekhnicheskoe chernenie v shkole*, possible dlya uchitel'ev. Pod red. N. S. Brilinga. Moskva, Prosveshchenie, 1965. 220 p.

Devices for the independent reading of mechanical drawings. V. V. Pokrolev, L. P. Kovalev. *Shkola i proizvod.* 10 no. 5, 76-79 '66.

Reading of mechanical drawings and the mounting of representations on cards. L. M. Eidel's. *Shkola i proizvod.* 10 no. 4, 42-48 '66.

Some shortcomings in the methods of teaching mechanical drawing. A. D. Boyvinnikov. *Shkola i proizvod.* 10 no. 4, 48-51 '66.

Studying the geometric bodies in the 7th grade. A. B. Ruzhitskii. *Shkola i proizvod.* 10 no. 4, 52-53 '66.

Training the students in mechanical drawing. V. I. Domukhovskii. *Nach. shkola* 34 no. 4, 40-43, 47 '66.

MECHANICAL ENGINEERING—STUDY AND TEACHING

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Program on the technology of metals and other building materials, or machinery manufacture departments in schools of higher learning] Programma po tekhnologii metallor i drugikh konstruktivnykh materialov dlia mashinostroitel'nykh spetsial'nostei i zashiti uchebnykh zvenetii. Moskva, Vysshaya shkola, 1965. 33 p.

MECHANICAL WEAR

Effect of certain food media on the wear of metals. G. A. Prela. *Fiz.-khem. mekh. mat.* 2 no. 1, 94-97 '66.

Machine for testing materials for abrasive wear due to dynamic loads. I. V. Petrov. *Zav. lab.* 32 no. 3, 361-363 '66.

Reproducibility of the results of wear tests by laboratory machines. V. S. Zoteev, V. A. Tikhomirova. *Zav. lab.* 32 no. 3, 347-351 '66.

Unit for studying wear due to the action of a glancing jet of abrasive fluid. S. G. Babaev, L. I. Zil'berman. *Zav. lab.* 32 no. 4, 499-501 '66.

MECHANICAL WEAR—TESTING

Khrushchov, M. M. [Laboratory wear tests of gear wheel materials] *Laboratornye metody ispytaniia na iznashivanie materialov zubchatykh kolec*. Moskva, Mashinostroenie, 1966. 151 p.

MECHANICS

Advances in the invariant theory of mechanics. V. IU. Ivashkevich. *Trudy SIMSKH* 33 pt. 2, 35-44 '64.

Akademiia nauk SSSR. Arkhiv. [L. Euler's manuscripts in the Archives of the Academy of Sciences of the U.S.S.R.] *Rukopisnye materialy L. Eilera v arkhive Akademii nauk SSSR*. Moskva, Nauka.

Vol. 2, pt. 1. [Studies in mechanics] *Trudy po mekhanike*, 1965. 573 p. [Its Trudy, no. 20]

Asymptotic methods of nonlinear mechanics as applied to nonlinear differential equations with delayed argument. IU, A. Mitropolskii, V. I. Fedchuk. *Ukr. mat. zhur.* 18 no. 3, 65-84 '66.

A case of concentrated loads. I. L. Sharinov. *Mat. po met. konstr.* no. 10, 84-91 '65.

Il'iushtin, A. A. [Mechanics of a solid medium] *Mekhanika sploshnoi sredy; uchebnoe posobie*. [Moskva] Izd-vo Mosk. univ. No. 1. 1965. 56 p.

Kogan, B. IU. [Application of mechanics to geometry] *Prilozhenie mekhaniki k geometrii*. Moskva, Nauka, 1965. 54 p. [Popularnye lektsii po matematike, no. 41]

[Textbook for a physics course] *Uchebnoe posobie po kursu fiziki*. [By] A. N. Volkov i dr. Moskva, Vses. znanchiy energ. inst.

No. 1. [Physical foundations of mechanics] *Fizicheskiye osnovy mekhaniki*, 1964. 127 p.

MECHANICS—ABSTRACTS

[Mechanics] *Ref. zhur. Mekh.* no. 4 '66.

MECHANICS—CONGRESSES

Second All-Union Congress on Theoretical and Applied Mechanics. V. S. Kalinin. *Sudostroenie* 30 no. 4, 72 '64.

MECHANICS—PROBLEMS, EXERCISES, ETC.

Problem situations in technical mechanics classes. I. Gol'din. *Prof.-tekhn. obs.* 23 no. 4, 14-15, 17 '66.

MECHANICS, ANALYTIC

Akademiia nauk Uzbekskoi SSR, Tashkent. Institut mekhaniki. [Studies in analytic mechanics] *Issledovaniia po analiticheskoi mekhanike*. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR, 1965. 184 p.

Relation of errors in autonomous coordinate determination to platform vibrations in inertial navigation systems. O. P. Boitshuk. *Dop. AN URSS* no. 3, 322-327 '66.

MECHANICS, APPLIED

Static calculation of structures together with the foundation under conditions of a plane problem. A. A. Khrapov. *Izv. VNIIG* 7-4, 133-141 '61.

MECHANICS, CELESTIAL

New approach to a qualitative analysis of the three-dimensional problem of two fixed centers. IU, I. Ivanov. *Trudy Astrofiz. inst. AN Kazakh SSR* 7, 32-44 '66.

Nonsteady-state scheme of planetary systems. Part I. T. B. Omarov. *Trudy Astrofiz. inst. AN Kazakh SSR* 7, 26-31 '66.

Rotating systems in a quasi-stationary state (I). T. A. Agekian. *Astron. zhur.* 43 no. 2, 425-434 '66.

Rotational instability of a gaseous disk. A. M. Fridman. *Astron. zhur.* 43 no. 2, 327-331 '66.

MECHANISMS

Kinematics of link gear. N. B. Bok. *Trudy Tsil. sel'khoz. inst.* 3 no. 3, 1-9 '65.

Pilipenko, M. N. [Free-wheeling mechanisms] *Mekhanizmy svobodnogo khoda*. Moskva, Mashinostroenie, 1966. 287 p.

MECHANISMS—DESIGN AND CONSTRUCTION

Pervitskii, IU, D. [Design and construction of precession mechanisms] *Raschet i konstruirovaniye tekhnicheskikh mekhanizmov*. Moskva, Mashinostroenie, 1965. 548 p.

MECHANIZATION

 see subdivision under Sverdlovsk Province

MEDIASTINUM—TUMORS

Compression of the pulmonary artery in tumors of the anterior mediastinum. G. L. Feofilov, E. S. Shafer. *Khirurgiya* 42 no. 4, 114-116 '66.

MEDICAL AND PHARMACEUTICAL CHEMISTRY

 see Chemistry, Medical and pharmaceutical

MEDICAL AND SURGICAL USES OF EARTHS

 see Earths, Medical and surgical uses of

MEDICAL BOTANY

 see Botany, Medical

MEDICAL CLIMATOLOGY

 see Climatology, Medical

MEDICAL ETHICS

A talk at night. L. Nemenova. *Mol. komm.* no. 3, 30-36 '65.

MEDICAL GEOGRAPHY—ABSTRACTS

[Medical geography] *Ref. zhur.: Med. geog.* no. 4 '66.

MEDICAL GEOGRAPHY—CONGRESSES

Geographical environment and the health of man; all Union conference, E. S. Kancher. *Vest. AN SSSR* 36 no. 3, 182 '66.

MEDICAL GYMNASTICS

 see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

 see subdivision under Ukraine

MEDICAL INSTRUMENTS AND APPARATUS—CATALOGS

[Medical instruments, apparatus, and equipment; a catalog] *Meditsinskie instrumenty, pribory, apparaty i oborudovanie, katalog*. Moskva, Vses. ob'edineniye "Soluzhimekspert", [Parallel texts in Russian, English, and French]

Book 1. [Sections: 01, Anatomy. 02, Laboratory and drug store equipment. 03, Diagnosis] *Razdel 01, Anatomia. 02, Laboratornye i aptekhnnoe oborudovanie. 03, Diagnostika*. [n.d.] 495 p.

Book 2. [Sections: 04, Instruments for puncturing, injection, and suction. 05, General surgery. 06, Neurosurgery] *Razdel 04, Instrumenty dlia prokolov, vpyekivani i otsasvaniia. 05, Obshchaya khirurgiya. 06, Neirokhirurgiya*. [n.d.] 447 p.

Book 3. [Sections: 07, Ophthalmology and optometry] *Razdel 07, Oftalmologiya i ochkovaya optika*. [n.d.] 189 p.

Book 4. [Section: 08, Otorhinolaryngology] *Razdel 08, Otorhinolaringologiya*. [n.d.] 167 p.

Book 5. [Sections: 09, Urology. 10, Obstetrics and gynecology] *Razdel 09, Urologiya. 10, Akusherstvo i ginekologiya*. [n.d.] 155 p.

Book 6. [Section: 11, Stomatology] *Razdel 11, Stomatologiya*. [n.d.] 141 p.

Book 7. [Section: 12, Traumatology, orthopedics and mechanotherapy] *Razdel 12, Travmatologiya, ortopediya i mekhanoterapiya*. [n.d.] 120 p.

Book 8. [Sections: 13, Roentgenology and radiology. 14, Physiotherapy] *Razdel 13, Rentgenologiya i radiologiya. 14, Fizioterapiya*. [n.d.] 131 p.

Book 9. [Sections: 15, Medical furniture and equipment. 16, Sterilization. 17, Disinfection and disinsection] *Razdel 15, Meditsinskaya mebel' i oborudovanie operatsionnykh. 16, Sterilizatsiya. 17, Dezinfektsiya i dezinfektsiya*. [n.d.] 159 p.

(DNLM)

MEDICAL LABORATORIES

(see also subdivision under Chernigov; Vinnitsa)

Characteristics of laboratory work connected with antibiotic therapy. A. B. Chernomorka. *Zhur. mikrobiol. i epidemiologii*, 43 no. 3, 115-119 '66.

MEDICAL PARASITOLOGY—BIBLIOGRAPHY

 see Bibliography—Medical parasitology

MEDICAL PERSONNEL

Fatherly concern for the personnel. *Apt. delo* 13 no. 6, 3 '64.

MEDICAL RECORDS

Chamberless method for disinfecting anamniotic records by ethylene oxide. V. S. Antonov. *Voen.-med. zhur.* no. 3, 52-54 '66.

MEDICAL STATISTICS

Some problems of the methodology for statistical analysis of morbidity among the personnel of a unit. A. V. Voropal. *Voen.-med. zhur.* no. 3, 22-27 '66.

MEDICAL TESTS

Evaluation of the test for the determination of the functional state of the adrenal cortex. G. A. Shesternin. *Sov. stud. nauch. i tekhn. gos. med. inst.* no. 1, 11-14 '63.

MEDICINE

Brief reports. V. A. Kropachev and others. *Sov. med.* 20 no. 4, 145-151 '66.

Conception of specificity in medicine. U. P. Vasil'eva. *Sov. stud. nauch. i tekhn. gos. med. inst.* no. 2, 12 '65.

MEDICINE—ABSTRACTS

Abstracts. B. S. Danilova and others. *Voen.-med. zhur.* no. 4, 81-85 '66.

Abstracts. I. P. Pankrats and others. *Sov. med.* 20 no. 3, 142-145 '66.

Abstracts. M. G. Chufarov and others. *Voen.-med. zhur.* no. 3, 77-82 '66.

*[Medical abstracts] *Med. ref. zhur.* sect. 2, vol. 10 no. 4 '66, Sect. 3, vol. 10 no. 4 '66, Sect. 4, vol. 10 no. 4 '66, Sect. 7, vol. 10 no. 2 '66, Sect. 8, vol. 10 no. 3 '66, Sect. 9, vol. 10 no. 2-3 '66, Sect. 9 no. 8 '66, Sect. 10, vol. 10 no. 3 '66, Sect. 11, vol. 10 no. 3 '66, Sect. 12, vol. 12 nos 4-5 '66, Sect. 13, vol. 10 no. 3 '66.

MEDICINE—BIBLIOGRAPHY

 see Bibliography—Medicine

MEDICINE—CONGRESSES

14th All-Union Conference of Therapists. *Voen.-med. zhur.* no. 3, 91-93 '66.

MEDICINE—PHILOSOPHY

Brief review of the literature on philosophical problems of modern biology and medicine during the period 1960-1965. V. P. Petlenko. Voen.-med. zhur. no. 3 93-96 Mr '66.

Kerzhakov, O. V. [Problem of causality in medicine. Social problems in medicine [by] A. M. Izulkin. Criticism of the philosophical principles of some theories and trends of medicine in capitalist countries [by] I. U. P. Lisitsin]. Problema prirochnosti v meditsine. Sotsialnye problemy meditsiny [by] A. M. Izulkin. Kritika filosofskikh osnov nekotorykh teorii i napravlenii meditsiny kapitalisticheskikh stran [by] I. U. P. Lisitsin. Moskva, Znanie, 1965 62 p. (Biblioteka "Filosofskie problemy meditsiny," no. 5)

Peizhenko, V. P. [Problem of entirety in modern medicine. Problem of structural and functional relations in medicine]. Problematselostnosti v sovetsennoi meditsine. Problema strukturno-funktsional'nykh otnoshenii v meditsine. Moskva, Znanie, 1965 56 p. (Biblioteka "Filosofskie problemy meditsiny," no. 3)

Significance of the dialectical materialist influence on the physician. E. A. Ivashina. Sbor. stud. nauch. rab. Arkh. gos. med. inst. no. 2-3 '65.

Somegnoseological problems of modern medicine. N. S. Bobrov, S. E. Popov. Voen.-med. zhur. no. 4, 10-15 Ap '66.

Tsaregorodtsev, G. I., and V. D. Zhirnov. [Dialectical materialism and medicine. Problem of the social and the biological in medicine [by] G. I. Tsaregorodtsev]. Dialekticheskiy materializm i meditsina. Problem sotsial'nogo i biologicheskogo v meditsine [by] G. I. Tsaregorodtsev. Moskva, Znanie, 1965 62 p. (Biblioteka "Filosofskie problemy meditsiny," no. 1)

MEDICINE—STUDY AND TEACHING

Wide way to science for the youth. S. P. Speranskii. Sbor. stud. nauch. rab. Arkh. gos. med. inst. no. 2, 1-2 '63.

MEDICINE, INDUSTRIAL

Epidemiology and clinical aspects of epidermophytosis in workers of some industrial enterprises in Azerbaijan. A. A. Solentstun, A. S. Tufanov. Sbor. stud. nauch. rab. Arkh. gos. med. inst. no. 2, 54-55 '63.

MEDICINE, INTERNAL

Chazov, E. I. [Thromboses and embolisms in the clinical aspects of internal diseases]. Trombozy i embolii v klinike vnutrennikh boleznei. Moskva, Meditsina, 1966, 262 p. (DNLM)

MEDICINE, MILITARY

Chernomophylaxis of tuberculosis in servicemen. V. Kh. Bodarev. Voen.-med. zhur. no. 3, 41-45 Mr '66.

Concictely, purposefully, efficiently. E. Ol'nev, P. Kleishchenko. Tyf i snib. Sov. Voen. Sl. 26 no. 3, 21-24 Mr '66.

Early diagnosis of glaucoma in servicemen. A. A. Trifakov, N. P. Pureskii. Voen.-med. zhur. no. 3, 75-76 Mr '66.

Medical control of the progress of training tankmen in the forcing of water barriers. A. A. Shiparkovskii. Voen.-med. zhur. no. 3, 11-14 Mr '66.

Pepic ulcer in young servicemen. G. A. Villunov, G. I. Glezer, V. I. Gubanov. Voen.-med. zhur. no. 3, 36-39 Mr '66.

Problems of cancer prevention in the work of a military doctor. T. Pozhkov. Voen.-med. zhur. no. 4, 93-95 Ap '66.

Procurement of blood under field conditions. A. V. Siagov. Voen.-med. zhur. no. 4, 75-78 Ap '66.

Vitamin saturation of the body in tankmen during periods of field exercises and firing. I. A. Donilov. Voen.-med. zhur. no. 4, 51-53 Ap '66.

MEDICINE, MILITARY—BIBLIOGRAPHY see Bibliography—Medicine, Military

MEDICINE, NAVAL

Experience in the organization of a nonsail station for the procurement and preservation of blood aboard a ship. V. A. Kolesnikov. Voen.-med. zhur. no. 4, 87-90 Ap '66.

Ways to decrease incidence of acute appendicitis in submariners during cruises. I. U. D. Mallarenko, I. U. D. Tselishev. Voen.-med. zhur. no. 3, 50-61 Mr '66.

MEDICINE, RURAL

(see also subdivision under Ural Mountain region)

Experience in the prevention of hypertension in a rural medical district. L. E. Mikhno. Sov. med. 20 no. 4: 103-107 Ap '66.

Fluses and menses. A. Sachkov. Okhr. truda i sol. strakh. 9 no. 5, 7-9 My '66.

MEDOVAN, BORIS ISRAILEVICH, 1916-

The 50th birthday of B. I. Medovan. Avtom. avar. 10 no. 3, 79-80 Mr '66.

MEDULLA OBLONGATA

Microelectrode study of the polysensory neurons of the fultulus cuneatus nucleus. T. S. Naumova, N. A. Lasochkina, Zhur. vys. nerv. deiat. 10 no. 2, 312-320 Mr-Apr '66.

MEDULLOBLASTOMA

Metastasis of cerebellar medulloblastomas in children beyond the limits of the central nervous system. V. V. Khekhlova. Vop. neirofhir. 30 no. 1, 45-46 Ja-F '66.

MEIRKHOLO'D, VSEVOLOD EMI'LEVICH, 1874-1942

Vs. E. Meirkholo'd and "Bois Godinov." A. Fev. al'skil. Teatr 27 no. 3, 91-92 Mr '66.

MELANOMA

Cytologic examinations in the diagnosis of pigmented tumors of the skin. D. B. Dzhamahoeva. Vop. onk. 10 no. 11, 39-46 '64.

Skin melanomas. A. K. Apatenko, I. U. S. Dranitskii. Voen.-med. zhur. no. 1, 47-50 Ap '66.

MELLITES see subdivision under Kotay Valley

MELONS

Effect of various soil densities on the germination and development of melons. L. P. Bobkova. Sbor. trud. po agron. fiz. no. 11, 107-111 '65.

MELONS—DISEASE AND PEST RESISTANCE

Resistance of melons to diseases in relation to irrigation. A. I. Filov, L. P. Bobkova. Sbor. trud. VIR no. 2, 57-60 '64.

MELONS—IRRIGATION

Resistance of melons to diseases in relation to irrigation. A. I. Filov, L. P. Bobkova. Sbor. trud. VIR no. 2, 57-60 '64.

MELTING

Electron gun for crucibleless zone refining. L. I. U. Ralnes, A. I. Makarevich. Zav. lab. 31 no. 6, 718-719 '65.

MELTING POINTS

Rule of the half. I. P. Bazarev. Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2, 112-113 Mr-Apr '66.

MEMORY

Interrelationship of the genetic apparatus and the physiological function of the neuron in the mechanism of conditioned reflexes and memory. F. Z. Meison, R. I. Kuglikov. Zhur. vys. nerv. deiat. 10 no. 2, 274-291 Mr-Apr '66.

Rogovin, M. S. [Philosophical problems of the theory of memory]. Filosofskie problemy teorii pamiatl. Moskva, Vysshaya shkola, 1966. 107 p.

MENDEL'EV, DMITRII IVANOVICH, 1834-1907

Dmitrii Ivanovich Mendeleev, creator of the scientific basis of modern alcoholometry. S. Z. Ivanov. Perm. i spir. prom. 32 no. 3, 43-45 '66.

MENINGITIS

Activity of sulfadimethoxine (madrilon) in pneumococcal meningitis in rabbits. I. Isamukhamedov and others. Farm. i toka. 20 no. 4, 484-486 Ji-Ag '65.

Pathomorphological changes in experimental pneumococcal meningitis in rabbits treated with sulfanilamides of prolonged action. I. Isamukhamedov, A. I. Iakovleva, G. N. Pershin. Farm. i toka. 20 no. 4, 400-405 Ji-Ag '65.

MENOPAUSE

State of endometrial stroma in menopausal hemorrhages. V. A. Munder'sham, O. I. Chepik. Vop. onk. 12 no. 4, 29-35 '66.

MENSTRUATION

Study of protein fractions in the blood serum in healthy and sterile women with normal and disturbed menstruation cycle. V. I. Babidze. Sob. AN Gruz. SSR 41 no. 3, 581-586 Mr '66.

MENSURATION

Errors of results and methods of measurements. K. I. Abadzhii. Trudy NITMasha no. 1, 62-62 '66.

MENSURATION—ABSTRACTS

[Mensuration and measurement techniques] Ref. zhur.: Moir. i izm. tekhn. no. 4, 4 Ap '66.

MENTAL ILLNESS

Mental disorders in burn disease. B. A. Tselibeev and others. Sov. med. 20 no. 3, 79-83 Mr '66.

Zenevich, G. V. [Problems of outpatient service for patients with mental and nervous diseases]. Voprosy dispensarnizatsii psikhicheskoi i nervnobi'nykh. [Leningrad] Meditsina, 1966. 223 p. (Biblioteka vracha organizatora) (DNLM)

MENTADIENE

Presence of terpinolene in Soviet turpentine. I. I. Bardyshev, G. V. Molchan, V. I. Kulikov. Zhur. prikl. khim. 39 no. 3, 672-676 Mr '66.

MERCANTILE BUILDINGS—DESIGN AND CONSTRUCTION

Efficiency of capital investments. Z. Bim. Sov. iorg. 39 no. 3, 8-8 F '66.

MERCAPTANS

Homolytic rearrangement and symmetrization of butyl phenyl mercaptide and butyl p-tolylmercaptide of acetone. A. B. I. et al., G. N. Savedova, R. Kh. Fiedlina. Izv. AN SSSR Sci. Chem. no. 1, 711-713 '66.

MERCAPTO COMPOUNDS—PHYSIOLOGICAL EFFECT

Effect of mercaptoamino compounds and uracil derivatives on catalase activity. G. N. Pershin, N. I. Fadeeva. Farm. i toka. 20 no. 2, 221-223 Mr-Apr '65.

MERCAPTO GROUP

Sulfhydryl group content in the blood serum of rabbits in chronic intoxication with mercury fumes in low concentrations. M. M. Gimadecv. Farm. i toka. 28 no. 1, 183-184 Ji-Ag '65.

MERCAPTOPHOS

Hygienic evaluation of some orchard and vine crops treated with methylmercaptophos. E. A. Markarian. Vop. pit. 2, 5 no. 1, 60 My-Je '64.

MERCERIZATION

New developments in the manufacture of shrinkproof fabrics. L. G. Kleen'ina, A. I. Rodin. Tekst. prom. 20 no. 4, 70-71 Ap '66.

MERCHANT MARINE see subdivision under Underdeveloped areas

MERCHANT MARINE—COST OF OPERATION

Basic principles of the methodology for determining the economic efficiency of capital investments for the planned enlargement of the seagoing transport fleet. O. A. Novikov, A. A. Pantin. Trudy TSNIIMF no. 70, 3-21 '68.

Methodological problems in the analysis of the economic efficiency indices of capital investments for the enlargement of the seagoing transport fleet. N. I. Starovoitov. Trudy TSNIIMF no. 70, 38-42 '66.

Use of mathematical methods and electronic computers to determine the effectiveness of capital investments for the enlargement of the seagoing transport fleet. N. I. Dmitrieva, A. I. Khalif, V. V. Chalov. Trudy TSNIIMF no. 70, 22-37 '66.

MERCHANT MARINE—LABOR PRODUCTIVITY

Ways for improving the work organization of ship crews. R. S. Rez, I. U. Brzechzhinskii. Trudy TSNIIMF no. 70: 78-85 '68.

MERCHANT MARINE—MANAGEMENT

Basic trends in automating the operative management of the shipping fleet. K. N. Denisov, A. N. Kiselev. Trudy TSNIIMF 8 no. 5, 133-144 '63.

Economic problems in extending the operational period of seagoing vessels. A. G. Zamakhovskii. Trudy TSNIIMF no. 70, 61-77 '66.

MERCHANT MARINE—MATHEMATICAL MODELS

Study of the stability and method for correcting the optimal plan in linear programming problems. A. I. Khalif. Trudy TSNIIMF no. 70, 43-50 '66.

MERCHANT MARINE—SIGNALING

Vorovkin, I. U. [Electroluminescent devices for automatic control on ships]. Elektroluminescentnye ustroystva avtomat. avtomatiki. Leningrad, Sudostroy-nit, 1966. 149 p.

MERCHANT MARINE—STATISTICS

Data on the launching of merchant ships abroad in 1963. Sudostroyenie 30 no. 4, 64-66 Ap '64.

MERCHANT SEAMEN

The selection and training of specialists should be definitely improved. N. Moseichuk. Rech. trnnp. 23 no. 3, 3-6 Mr '64.

MERCURY

(see also subdivision under Kach Peninsula)

Some data on the transfer of mercury into a solution during the interaction of cinchona with solutions of varying acidity. K. A. Vorobiova and others. Geol. zhur. 28 no. 1, 115-116 '66.

MERCURY—METALLURGY

Advantageous composition of the pipe system in mercury condensers. V. A. Bogdanov and others. TSvet. met. 30 no. 3, 40-41 Mr '66.

Mercury extraction from hydrochloric acid solutions by certain organic containing organic solvents. I. N. Pisk-sin, Z. A. Anisimova, V. G. Tapisova. Sbor. inst. stati i sploy. no. 4, 313-349 '66.

MERCURY—PHYSIOLOGICAL EFFECT

Therapeutic-prophylactic nutrition of workers exposed to mercury vapors. V. M. Gametova, M. S. Marshak. Vop. pit. 25 no. 2, 45-46 Mr-Apr '66.

METALLIC FILMS—ELECTRIC PROPERTIES

Scattering of conduction electrons in very thin films. I. V. Iogansen. Zhur. eksp. i teor. fiz. 50 no. 3 709-716 Mr '66.

METALLIC FILMS—MAGNETIC PROPERTIES

Effective permeability of thin magnetic films as a function of the amplitude of a radio-frequency field. K. M. Polivanov, A. L. Iumkin. Fiz. met. i metalloved. 21 no. 3 367-373 Mr '66.

METALLIC FILMS—MEASUREMENT

Beta thickness meter for measuring the thickness of a chromium coating on the cylinder of an internal combustion engine. A. S. Kuvshinov, B. S. Kamancov, A. I. Shiflet. Zav. lab. 31 no. 6 750-751 '65.

Methods for electron diffraction measurement of the deformation of thin films. B. T. Bolko, A. T. Pngachev. Zav. lab. 32 no. 1 115-118 '66.

METALLIC FILMS—TESTING

Studying the temperature and structural dependence of ferromagnetic properties of nickel films obtained by the chemical method. N. V. Kotelnikov, I. V. Bobov. Fiz. met. i metalloved. 21 no. 3 351-357 Mr '66.

Use of measurements by the probing method in calculating the Hall constant of epitaxial semiconducting films. V. I. Kon'kov. Zav. lab. 32 no. 4 151-153 '66.

METALLIC FILMS—THERMAL PROPERTIES

Measuring the heat conductivity of thin plates and films. V. A. Benzen-Splidenova. Zav. lab. 32 no. 4 155 '66.

METALLIC FILMS—THERMOELECTRIC PROPERTIES

Electrical and thermoelectric properties of thin copper films. K. K. Zhil'ik. Fiz. met. i metalloved. 21 no. 3 346-350 Mr '66.

METALLIC ORGANIC COMPOUNDS see Organometallic compounds

METALLIC OXIDES

Chemical analysis of the phase composition of the system $MgO - Cr_2O_3 - ZrO_2$. I. A. V. Klucharov, O. A. Kunt'. Zhur. prikl. khim. 39 no. 1 220-223 Ja '66.

Determination of local structural parameters of an impurity ion with unfilled 3d shell in oxides having spinel and garnet structure. A. N. Men', V. E. Nafsh. Zhur. strukt. khim. 7 no. 1 71-79 Ja '66.

Effect of various metallic oxides on the oxidative dehydrogenation of isopentane to isoprene involving iodine. I. A. Tshisov and others. Neftekhimiya 6 no. 1 71-74 Ja-F '66.

High-temperature chemistry of cerium in the systems cerium oxides - Al_2O_3 , Cr_2O_3 , CaO . A. I. Leonov and others. Izv. AN SSSR. Neorg. mat. 2 no. 3 517-523 Mr '66.

Interaction of lanthanum and neodymium oxides with oxides of elements of groups III and IV of the periodic system. A. B. Andreeva, E. K. Koles. Zhur. prikl. khim. 19 no. 3 439-438 Mr '66.

Physicochemical conditions for the low-temperature carbonylizing of high-melting metal oxides. G. A. Meerson, L. M. Rukhtskina. Sbor. Inst. stali i splav. no. 41 241-253 '66.

Structure and composition properties of metal hydroxides and metal oxides. N. F. Diachenko, M. D. Fiksov. Vestn. AN SSSR. Sci. khim. i v. no. 1 21-30 '66.

Study of the system $P_2O_5 - MgO - Al_2O_3 - Na_2O$ as a basis for the production of readily fusible emetals. K. P. Ararov, A. S. Algonadzhiev. Zhur. prikl. khim. 38 no. 2 113-116 F '65.

Subsolidus structure of the six-component system $P_2O_5 - CaO - Al_2O_3 - ZrO_2 - TiO_2 - SiO_2$. A. S. Iosozimov, N. V. Iud'ko. Dop. AN URSS no. 2 200-203 '66.

Thermodynamics of evaporation of refractory oxides at high temperatures. B. F. Iudin, A. K. Karlik, Zhur. prikl. khim. 19 no. 1 537-511 Mr '66.

METALLIC OXIDES—THERMODYNAMICS

Thermodynamic properties of the binary oxide $ZnO - SiO_2$. G. B. Borisov, A. I. Lainer. Sbor. Inst. stali i splav. no. 41 322-326 '66.

METALLOGRAPHY

Correlation between intragranular and intergranular double X-ray reflections in polycrystalline metals. V. I. Betekhtin, A. I. Stulaker. Fiz. met. i metalloved. 21 no. 3 358-361 Mr '66.

Damping of ultrasonic waves as means of studying and controlling the structure of a metal. G. V. Zarchontsev. Defektoskopiya 2 no. 1 13-21 '66.

Microexamination of weldments obtained by diffusion welding in vacuum. S. E. Ushakova, B. N. Zaslavin, I. I. Kokorova. Avtom. svar. 19 no. 3 77 Mr '66.

Vibration method of strain hardening and its influence on the structure of metals. M. A. Karnov, A. E. Shehen-nikova. Metalloved. i term. obr. met. no. 4 22-26 Ap '66.

METALLOGRAPHY—CONGRESSES

Readers correspondence conference at the Moscow Automobile Plant. Metalloved. i term. obr. met. no. 6 61-62 Ja '65.

METALLURGICAL ANALYSES

Calcium distribution between steel and slag, containing two anions of different valency. D. I. A. Poyolotskii, M. I. Kichayev, V. A. Kozlov. Izv. AN SSSR, Met. no. 2 5-8 Mr-Apr '65.

Physicochemical properties of high-manganese slag and of the semifinished product. G. N. Oks and others. Sbor. Inst. stali i splav. no. 41 131-140 '66.

Reflection of beta-particles and its application to the analysis of metallurgical systems. V. G. Guglin, A. A. Zhukhovitskii. Sbor. Inst. stali i splav. no. 41 52-68 '66.

METALLURGICAL FURNACES

General theory of heat-generator furnaces. M. A. Glukov. Vop. priozv. stali no. 10 56-65 '65.

Investigating the residual mass in reverberatory furnace hearth bottoms. K. Tungushbaev, M. Kh. Nogaev, R. T. Pulenbaev. TSvet. met. 39 no. 4 15-48 Ap '66.

METALLURGICAL LABORATORIES

Improvement of the quality of metallurgical products and the objectives of plant laboratories. Zav. lab. 31 no. 7 779-780 '65.

METALLURGICAL PLANTS

(see also subdivision under Magnitogorsk)

Construction of water pipelines in the area of metallurgical combine. T. V. Vasilko. Vod. isan. tekhn. no. 3 30-39 Mr '65.

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Diesel locomotive operation in hot material transportation in industrial enterprises. I. A. Bunkin, E. I. Iepi. tina. 9 no. 9 12-13 S '65.

METALLURGICAL PLANTS—HEATING AND VENTILATION

Study of inflow air streams. V. S. Omel'chuk. Vod. isan. tekhn. no. 5 15-10 My '65.

METALLURGICAL PLANTS—MANAGEMENT see subdivision under Ityskoye (Kazakhstan)

METALLURGICAL RESEARCH

Second Plenum of the Central Administration of the Scientific and Technical Society of the Ferrous Metallurgy. V. E. Molodova. Koks i khim. no. 1 62-63 '66.

METALLURGY

Basics of industry. V. E. Bolko. Sov. voen. 48 no. 9 2-1 Mr '66.

Improvement of the quality of metallurgical products and the objectives of plant laboratories. Zav. lab. 31 no. 7 779-780 '65.

The invention of iron. N. Mezenin. V msh. knig. 6 no. 3 18 Mr '66.

Objective of the five-year plan. A. N. Kornenkov. Metallurg. 11 no. 4 1-2 Ap '66.

METALLURGY—ABSTRACTS

[Metallurgy] Ref. zhur.: Met. nos. 3-4 Mr-Apr '66. Avtorskii ukazatel' za 1965 g.

METALLURGY—CONGRESSES

All-Union Conference of Blast and Sintering Furnace Operators. N. V. Fedotovski. Met. i gornorud. prom. no. 2 92-93 Mr-Apr '66.

All-Union scientific and technical conference on expanding sintering and blast furnace practices. N. I. Savolov. V. V. Dan'shin. Stal' 26 no. 1 307-309 Ap '66.

METALLURGY—EQUIPMENT AND SUPPLIES

Largest exhibit of a pavilion. N. Iudin. Inform. biul. VDNKH no. 3 14-15 Mr '66.

METALLURGY—STUDY AND TEACHING

Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. [Program on the technology of metals and other building materials for machinery manufacture departments in schools of higher learning] Programma po tekhnologii metallurgii mashinostroitel'nykh spetsial'nostei vysshiykh uchebnykh zavedeniy. Moskva, Vysshaya shkola, 1965. 33 p.

METALS

Changes in the physicochemical properties of paint coatings due to atmospheric conditions. S. N. Kazarnovskii, G. M. Molgina. Trudy TSNI MPS no. 306 52-74 '66.

Influence of heavy metals on the catalytic effect of sodium sulfide and diethylthiocarbamate in iodine-azide reaction. A. K. Babko, L. V. Markova. Ukr. khim. zhur. 32 no. 3 281-283 '66.

Kolesnikov, V. A. [Handbook on the technology of metals for professional technical schools] Posobie po tekhnologii metallurgii dlya professional'no-tekhnicheskikh uchilishch, Frunze, Respubl. uchebno-metodicheskii kabinet, 1963. 93 p.

Mechanism of the action of oil-soluble corrosion inhibitors. I. U. M. Shukhtei. Khim. i tekhn. i masst. 11 no. 3 36-10 Zh '66.

Paint coatings as a means to prevent corrosion-fatigue damages in metal structures. G. M. Molgina. Trudy TSNI MPS no. 306 75-86 '66.

Passivity of metallic materials. A. I. Shullin, N. N. Milutin. Zhur. prikl. khim. 38 no. 2 349-355 F '65.

Studying the solutions for the joint degreasing and pickling process. L. F. Dzhum, Lakhoias mat. i kh. prom. no. 2 17-50 '66.

Thermodynamics of chemical reactions taking place during the saturation of metal surfaces with some elements. G. N. Vassilov and others. Izv. AN SSSR. Neorg. mat. 2 no. 3 413-417 Mr '66.

METALS—ANALYSIS

Chemical and spectral determination of impurities of barium, iron, cadmium, and copper in sodium and potassium chromates. G. A. Pevtsov, T. G. Manova, M. D. Shirokova. Trudy IREA no. 27 67-72 '65.

Chemical and spectral determination of inorganic microimpurities (survey). T. G. Manova. Trudy IREA no. 27 5-66 '65.

Chemical and spectral method of determining microimpurities in ethyl alcohol of orthosilicic acid. G. A. Pevtsov, T. P. Skuzovatova. Trudy IREA no. 27 73-78 '65.

Complexometric method of determining aluminum, zinc, and calcium content of organic compounds. A. A. Zelenetskaya, I. M. Vorontsova. Metal. zhur. prom. 32 no. 2 22-23 F '66.

METALS—COLD WORKING

Effect of vibration on the plastic deformation of metals. N. V. Potukov, N. V. Mikhailov, P. A. Rebrunet. Dokl. AN SSSR 167 no. 4 873-875 Ap '66.

New machines for working metals by surface pressure. G. M. Azarevich, S. I. Maslennikova. Trakt. i sel'khoz. mash. no. 4 39-42 Ap '66.

This is what increases the service life of machines. I. Kudriavtsev, O. Kulikov, G. Zaitsev. Metalloved. i term. obr. met. no. 6 12-4 Ja '65.

METALS—FATIGUE

Effect of stress concentration on the fatigue strength of mechanically inhomogeneous welds. P. I. Kudriavtsev. Zav. lab. 32 no. 4 463-168 '66.

Fatigue tests conducted at varying stress amplitudes on resonance test stands. V. P. Kozlov, I. A. Golubev. Zav. lab. 31 no. 7 878-880 '65.

Relation between the process of brittle fracture and the resistance to cyclic loads in a damaged condition. A. V. Volkov. Zav. lab. 31 no. 7 867-869 '65.

Scale effect in fatigue fracture due to similarity distortion. V. I. Izakson. Zav. lab. 31 no. 7 864-867 '65.

METALS—FINISHING

Machine for brightening rolled steel with electric profiles. A. I. Mushkautsan, G. B. Shpigun. Blat. tekhn. ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform. 9 no. 3 20 Mr '66.

Problems in producing cast-iron "charged" grinding plates. I. G. Proskuriakov, I. S. Ryzhov. Lit. proizv. no. 3 11-13 Mr '66.

Semi-automatic line for blackening parts. D. I. Shcherbina, V. I. Dudochkin, I. V. Popova. Blat. tekhn. ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform. 19 no. 2 27-28 F '66.

METALS—FRACTURE

Connection between the rate of crack propagation and the amount of plastic deformation. V. M. Finkel'. Fiz. met. i metalloved. 21 no. 3 461-463 Mr '66.

Electron fractograph study of fractures in low-alloy steel. S. V. Bornshtein, P. I. Sokolovskii, R. G. Arone. Metalloved. i term. obr. met. no. 6 48-49 Je '65.

METALS—HARDENING

Determination of basic parameters for the cooling of cylinders during jet hardening. G. N. Khalfets and others. Proizv. i ub. no. 15 72-79 '65.

Vibration method of strain hardening and its influence on the structure of metals. M. A. Karnov, A. I. Shehen-nikova. Metalloved. i term. obr. met. no. 4 22-26 Ap '66.

METALS—HEAT TREATMENT

Apparatus for studying the thermomechanical treatment of metals. S. Z. Bokshtein and others. Zav. lab. 31 no. 6 745-747 '65.

METALS—HYDROGEN CONTENT

Possibility of the simultaneous spectroscopic determination of hydrogen and oxygen in metals. S. B. Shubina, S. I. Kilina, L. A. Bazanova. Zav. lab. 31 no. 6 694 '65.

METALS—MAGNETIC PROPERTIES

Using the magnetic anisotropy of metals in determining stresses in machine parts. A. N. Telepnev, G. V. Galov. Trudy LTITSBP no. 18 182-185 '65.

METHYL GROUP (Continued)

Mobility of hydrogen in methyl groups of ethers of benzones and polymethylbenzenes. A. I. Shatonshtein and others. *Zhur. ob. khim.* 36 no. 4:827-831 Ap '66.
Retardation of organic acids in their interaction with free methyl radicals in the liquid phase. O. Dobla, J. Nemes, R. Kerepes. *Zhur. fiz. khim.* 40 no. 2:328-332 F '66.

METHYL SULFOXIDE

Dimethyl sulfoxide and its use. P. S. Boiman. *Priruch.* 55 no. 4:119-120 '66.

METHYLATION

Ceratin secondary processes for the preparation of cocaine by methylation of morphine. L. G. Domina and others. *Zhur. prikl. khim.* 38 no. 2:399-403 F '65.

METHYLENE GROUP

Conductance of zinc oxide as affected by the adsorption of free methylene bisulfides. I. A. Masnikov. *Dokl. AN SSSR* 167 no. 5:1091-1097 Ap '66.

METHYLENIMINE

Synthesis of azomethines based on the condensation of furfural, furyl acetone, and 5-methylfurfural with monoethanolamine. I. V. Kamenskii, I. A. Korotkiy, E. V. Mamedov. *Zhur. prikl. khim.* 39 no. 3:727-728 Mr '66.

METHYLTITIMOL BLUE

Method of determining aluminum in metallic titanium with methylthymol blue. V. N. Tikhonov, M. I. Grankina. *Zav. lab.* 32 no. 3:278-279 '66.

Photometric determination of aluminum with methylthymol blue. V. N. Tikhonov. *Zhur. anal. khim.* 21 no. 3:275-280 '66.

METMYOGLOBIN

Physicochemical characteristics of metmyoglobin from *Delphinus delphis*. B. P. Atanasov. *Dokl. khim.* 31 no. 1:50-52 Ja-F '66.

MICA

(see also subdivision under Mamm-Chuya District)

Comparison of the rheological properties of mica plastics manufactured from muscovite, phlogopite, and vermiculite. V. I. Zhelaznykh, N. M. Vukob, A. V. Golovushkin. *Izv. vys. ucheb. zav., inzh.* 9 no. 1:25-13 Ap '66.

MICA CRYSTALS

Absorption of water vapors on the surface of mica crystals. V. D. Parovozhnev, M. S. Metak, koll. *Zhur.* 28 no. 2:254-257 Ab-Apr '66.

MICE

(see also subdivision under Muslanay Province; Second Rank)

Some functional characteristics of the structure of the cardiovascular system in mice (rodents). I. L. Tumayev. *Dop. AN URSSR* no. 2:263-266 '66.

MICE—GENETIC RESEARCH

Pictographic effect of the gene brachypodism-1 in mice. E. K. Gintei, B. V. Koninkhov. *Genetika* no. 3:83-92 '66.

MICELLES

Effect of alkylamides of saturated fatty acids on the critical concentration of micelle formation of potassium stearate and laurate. P. A. Danchenko, T. P. Kudina. *Ukr. khim. zhur.* 32 no. 3:279-280 '66.

MICROBIAL GENETICS

Yield of virulent mutants in irradiated populations of intracellular temperature phage λ as an index of the disturbance of the function of regulation (repression) of genetic information. G. E. Fradkin. *Genetika* no. 3:105-114 '66.

MICROBIAL METABOLITES

Biological activity of some bacterial polysaccharides. E. I. Milovskii. *Antibiotiki* 11 no. 2:123-125 F '66.

MICROBIOLOGY—CULTURES AND CULTURE MEDIA

Use of hydroxylapatite for rapid removal of indicator dyes from culture media. S. A. Kibardin, T. A. Nikolaeva. *Vop. virus.* 11 no. 1:103-104 Ja-F '66.

MICROBIOLOGY—TECHNIQUE

Analysis with 1b bacteriophage as a supplementary test for the differentiation of *Brucella* species. N. N. Osutovskaya, E. I. Kalmarova. *Zhur. mikrobiol., epid. i imm.* 43 no. 3:75-78 Mi '66.

Carrier state of pathogenic *Staphylococci* in newborn infants and study of toxin formation in isolated cultures. N. V. Karnitskaia, M. I. A. Evdoshova. *Zhur. mikrobiol., epid. i imm.* 43 no. 3:89-93 Mr '66.

Desynchronization of asynchronously dividing microbial cells. I. A. Basmak'yan. *Zhur. mikrobiol., epid. i imm.* 43 no. 3:18-21 Mr '66.

MICROCLIMATOLOGY see subdivision under Moscow

MICROELECTRONICS—CONGRESSES

Symposium on microminiaturization. *Avtom. i telem.* no. 3:180-182 '66.

MICRO-ORGANISMS, EFFECT OF DRUGS ON

Comparative study of the susceptibility to antibiotics and nitrofurantoin preparations of bacteria of the genus *Salmonella* isolated from farm animals and poultry. I. P. Zavr'yalov. *Uch. zap. KVI* 90:198-201 '64.

Correlation between the catalase activity and resistance to drugs in *Mycobacterium tuberculosis* circulating in southeastern Africa. M. P. Zykov. *Zhur. mikrobiol., epid. i imm.* 43 no. 3:49-53 Mr '66.

Factors determining the resistance degree in various strains of *Bacillus subtilis* to penicillin. S. M. Chal'kovskaya, T. G. Venkina. *Antibiotiki* 10 no. 1:333-337 Ap '66.

Parazolin, preparation for the treatment of drug-resistant forms of bacterial infection. E. A. Gonorovich and others. *Sov. med.* 29 no. 4:116-120 Ap '66.

Obtaining attenuated strains of paratyphoid bacteria under the effect of some antibiotics and chemical preparations. B. A. Matvienko, N. A. Isengeldin. *Trudy AZVI* 13:92-100 '64.

Phthiocide-resistance of *Mycobacterium tuberculosis* and its significance in clinical practice. V. P. Belogurova, V. K. Dargelich. *Sov. med.* 29 no. 3:68-72 Mr '66.

MICRO-ORGANISMS, EFFECT OF RADIATION ON

Ultrafine structure of radiation-resistant *Flavobacterium bacilli*. I. B. Pavlova, Z. G. Pechina. *Zhur. mikrobiol., epid. i imm.* 43 no. 3:8-10 Mi '66.

MICRO-ORGANISMS, NITROGEN-FIXING

Effect of some herbicides on the development of nitrogen-fixing bacteria. V. Rankov and others. *Agrokhimia* no. 4:115-120 Ap '66.

MICROSCOPY

Morphological characteristics of cross-linked polyamide fibers. T. T. Strashova, N. V. Mikhailov, V. I. Malboroda. *Khim. volok.* no. 2:33-36 '66.

MICROTOMY

Testing the strength of abrasive grains in microtomy. N. I. Bogomolov. *Zav. lab.* 32 no. 3:352-354 '66.

MICROWAVE MEASUREMENTS

Direct reading four-decibel band-type impedance meter. V. A. Ischenko. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:71-80 Ja-F '66.

High-frequency pulse indicator. V. A. Petrov, V. M. Svetlichnyi. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:132-133 Ja-F '66.

Interferometer for measuring the dielectric constant of dielectrics in the millimeter radio wave band. E. A. Vorob'ev. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:130-132 Ja-F '66.

MICROWAVE RELAY SYSTEMS see Radio relay systems

MICROWAVES

Application of the system of equations of traveling-wave tube to the theory of a reflex triaxial klystron. N. M. Sovolov, K. N. Snopko. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:42-51 Ja-F '66.

Calculation and measurement of the absorption of millimeter and submillimeter radio waves in atmospheric water vapor. S. A. Zhevakina, A. P. Naumov. *Izv. vys. ucheb. zav., radiotekh.* 8 no. 8:109-109 '66.

Calculation of characteristic conductivity of waveguide filters. L. M. Andrusenko. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:149-151 Ja-F '66.

Calculation of the electromagnetic field of a vertical (horizontal) electrical dipole in a spherically layered medium. V. F. Kul'ko, V. M. Mykhailovskiy. *Dop. AN URSSR* no. 3:359-365 '66.

Characteristics of reflection of complex metal-dielectric lattices. V. S. Il'in. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:81-89 Ja-F '66.

Comparison of different types of lines according to transmitted power. I. S. Kovalev. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:143-145 Ja-F '66.

Consideration of the effect of distributed losses of the start conditions of a backward wave amplifier using a given field method. V. S. Mikhailovskii, G. P. Polin. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:123-124 Ja-F '66.

Contribution to the linear theory of a relativistic traveling-wave tube. N. M. Sovolov, A. N. Shostopov. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:52-56 Ja-F '66.

Derivation of a frequency shift using a traveling-wave tube. R. N. Bondarenko, G. I. Gladyshev. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:146-148 Ja-F '66.

Design of radial microwave trap filters. I. V. Korenev, E. L. Rabl'it'. *Elektrosvyaz'* 20 no. 4:78-80 Ap '66.

Effect of random errors on the radiation pattern coefficient of antennas with automatic phasing. A. I. Alzenberg. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:105-113 Ja-F '66.

Effect of small dielectric losses on the characteristics of a resonant valve in a plane parallel waveguide. G. A. Rad'kin. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:124-126 Ja-F '66.

Fluctuations of electron beams in systems with centrifugally-electrostatic focusing and helical high-frequency electrodes. G. N. Korostalev. *Iz. vuz. ucheb. zav., radiotekh.* 9 no. 1:34-41 Ja-F '66.

Increase of the amplification coefficient of M-type microwave amplifiers. I. V. Lebedev, O. V. Betskil, I. V. vys. ucheb. zav., radiotekh. 9 no. 1:15-14 Ja-F '66.

Interference of electromagnetic waves between the probes of microwave devices. V. N. Rudakov, M. G. Aleksandrova. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:90-98 Ja-F '66.

Nature of cross polarization radiation of axisymmetrical mirror antennas with counterphase field distribution. V. P. Naibul. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:114-122 Ja-F '66.

Optimal dimensions of helices interacting with the transverse waves of an electron beam. I. U. I. Urov. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:15-33 Ja-F '66.

Principal factors affecting the radiation pattern of a dielectric antenna. G. Zh. Rankis. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:97-104 Ja-F '66.

Raman scattering of microwaves by plasma oscillations. N. F. Perepelkin. *Fiz. v. red. Zhur. eksp. i teoret. fiz.* 3 no. 6:258-261 Ja-F '66.

Reflection factor of a wave guide with a large number of nonuniformities. I. U. P. Voropaev, I. I. Makovoz. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:140-142 Ja-F '66.

Semiconductor wave guide attenuator with electrically combined control for microwave power stabilization. V. T. TSarenko, G. V. Bagrov, V. V. Borzenko. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:63-70 Ja-F '66.

Space charge density waves in E-type devices. G. N. Korostalev. *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:134-136 Ja-F '66.

Use of dielectric couplers in some microwave devices. S. M. Finkel'shtein, M. Z. Chasnik, *Izv. vys. ucheb. zav., radiotekh.* 9 no. 1:59-62 Ja-F '66.

Vibrator with a reflector fed by a directional coupler. V. D. Kuznetsov, V. K. Paramonov. *Elektrosvyaz'* 20 no. 3:26-32 Mr '66.

MICROWAVES—PHYSIOLOGICAL EFFECT

Effect of microwaves on absorption processes from the cavity of the knee joint. M. I. Tsenko. *Fiziol. zhur. [Ukr.]* 10 no. 6:793-797 N-D '64.

MIDDLE AGES—HISTORIOGRAPHY

At the sources of the socioeconomic school in the Russian bourgeois and liberal historiography of the Middle Ages. B. G. Mogil'nikhtskii. *Trudy TGU* 178:178-252 '65.

MIDDLE AGES—HISTORY

Agbatova, E. V., and G. M. Donskoi. [Methodology of teaching the history of the Middle Ages] *Metodika prepodavaniia istorii srednikh vekov, posobie dlia uchitel'ei*. Moskva, Prosveshchenie, 1966. 312 p.

MIDDLE EAST see Near East

MIDDLE URAL ECONOMIC REGION—MACHINE TOOLS—

MAINTENANCE AND REPAIR

Economic efficiency of capital repair and the modernization of equipment. L. K. Smirnovskii, R. Z. Akberdin. *Izv. SO AN SSSR* no. 1 Ser. obshchestv. nauk no. 1:23-32 '66.

MIGRAINE

Rheography in migraine patients before and after treatment with diadynamic currents. G. S. Zharkova. *Vop. kur., fizioter. i tech. fiz. kul't.* 31 no. 1:49-53 '66.

MIGRATION, INTERNAL see subdivision under Ukraine; United States

MIKESHIN, GEORGI VLADIMIROVICH, 1911-1965

In memory of Georgii Vladimirovich Mikeshin (May 11, 1911-April 22, 1965). A. V. Astrov. *Rast. res.* 2 no. 1:154-157 '66.

MIKHAILOV, NIKOLAI VASIL'EVICH, 1905-

Nikolai Vasil'evich Mikhailov; on his sixtieth birthday. *Vysokom. soed.* 8 no. 3:564-565 Mr '66.

MIKLUKHA-MAKAI, NIKOLAI NIKOLAEVICH, 1846-

Chumachenko, A. A. [Man from the moon; a tale about the great Russian traveler Miklukha-Makai] *Chatovka a luny; povest' o velikom russkom puteshestvennike Miklukho-Maklae*. Moskva, Det'skaiia literatura, 1965. 64 p.

Our friend from days gone by. V. Mel'nikov. *V mire knig* 6 no. 3:14 Mr '66.

MIL STEPPE see Kura Lowland

MILITARISM see subdivision under Germany, West

MILITARY AERONAUTICS see Aeronautics, Military

MINE GASES (Continued)

- Deaerification of a worked-out area. A. M. Karpov, V. F. Lysakov. *Bezop. truda v prom.* 7 no. 11 4-5 N '63.
- Deaerification of coal seams. A. T. Gorbachev, S. V. Lutsenko. *Fiz.-tekhn. probl. razrab. poliskop.* no. 6 11-23 '63.
- Gas discharge in a mine section under various ventilation conditions. L. P. Romenskii, N. D. Kozenko, V. I. Vagin. *Izv. vys. ucheb. zav. gor. zhur.* 9 no. 2 46-49 '66.
- Studying gas permeability of the coal block in the zone of influence of mine workings. M. S. Shtakay, V. A. Pomortsev. *Ugol' Ukr.* 10 no. 4 51-56 Ap '66.
- Temperature conditions in the face area of a gas-containing coal seam in one of the criteria for evaluating the behavior of roof rock. V. G. Perekhnenko, V. P. Vityayko. *Ugol' Ukr.* 10 no. 4 12-13 Ap '66.

MINE GASES—SAFETY APPLIANCES

- Competition for the best suggestion for the design of a device for controlling the condition of the coal mine atmosphere. *Bezop. truda v prom.* 7 no. 11 38 N '63.
- Device for the automatic sampling of mine air. Sh. Kh. Kik'keev, Lu Go-Zhum [Lu Kuo-jung]. *Bezop. truda v prom.* 7 no. 11:19-20 N '63.

MINE HOISTING

- Ladder conveyor for open-pit mining. I. I. Balagurov and others. *Mekh. i avtom. p. olzv.* 20 no. 1 18-21 Ap '66.
- Simplified calculation of dimensions of the shaft cage in open mines. G. L. Shtimov, V. A. Timofeyev. *Met. i gornorud. prom.* no. 2 57-59 Mi-Ap '66.

MINE HOISTING—ELECTRIC DRIVING

- Selecting a system of automatic control for electronically excited drives of mine hoisting machines. N. I. Budnikov. *Izv. vys. ucheb. zav. gor. zhur.* 9 no. 2 145-149 '66.

MINE HOISTING—SAFETY MEASURES

- Signalization in the cage at the receiving platform from the moving cage. M. I. Dakhov. *Bezop. truda v prom.* 7 no. 11 25 N '63.

MINE RAILROADS

- Commotation of traction engines of mine electric locomotives with pulsating voltage feeding. M. V. Gokhsel'd, M. I. Pecherzhenskii. *Izv. vys. ucheb. zav. ; gor. zhur.* 9 no. 2 112-116 '66.
- Melikhov, I. V. [Assistant engineer of an electric locomotive on a wide-gauge strip mine railroad] Pomushchik makhinista i elektromashinistov na karn'ernakh. Moscow, Nedra, 1965. 32 p.

- A new method of assembling single-wheel axes of mine electric locomotives. G. I. Andreev, V. F. Samoleikin, I. I. Shat'ko. *Izv. vys. ucheb. zav. gor. zhur.* 9 no. 2: 88-91 '66.

- Optimum gear ratio of the transmission of mine electric locomotives. V. G. Shorin, A. D. Bogoditskii. *Izv. vys. ucheb. zav. gor. zhur.* 9 no. 2 92-95 '66.

MINE SAFETY—CONGRESSES

- International conference on safety in the mining industry. V. S. Komarov. *Bezop. truda v prom.* 7 no. 11:33, N '63.

MINE SANITATION see subdivision under Kazakhstan

MINE SURVEYING

- Development of the survey control network at a strip mine by a combined method. S. G. Bataevskii. *Ugol' Ukr.* 10 no. 4 64-65 Ap '66.

MINE TIMBERING

- (see also subdivision under Karagunda Basin)
- Generalization of the experience of using powered supports and units in the flat mines of the Kuznetsk Basin. A. K. Kozlovskii, V. V. Angarskii, N. N. Danilenko. *Fiz.-tekhn. probl. razrab. poliskop.* no. 6 118-127 '65.
- Selecting an efficient lining for the crosscuts of major workings in deep mines. M. I. Bibulina. *Ugol' Ukr.* 10 no. 4 11-16 Ap '66.

- Static calculation of circular supports under mixed boundary conditions along their contour. S. V. Kuznetsov, V. A. Lytkin, A. N. Dranovskii. *Fiz.-tekhn. probl. razrab. poliskop.* no. 6 29-31 '65.

- Studying manifestations of rock pressure in the longwall of a steeply pitching seam equipped with the "Dnep" supports. L. O. Shchepchenko and others. *Ugol' Ukr.* 10 no. 4 11-14 Ap '66.

MINE VENTILATION

- Aeration of small but very long blind workings. A. N. Alifanov. *Met. i gornorud. prom.* no. 2 89-90 Mi-Ap '66.
- Aerodynamic resistance in caving. V. A. Litov, *Izv. vys. ucheb. zav. gor. zhur.* 9 no. 2 55-56 '66.
- A device for air-flow measurements by remote control. I. U. V. Piatetskii, Met. i gornorud. prom. no. 2 87-89 Mi-Ap '66.

- Efficient systems for the ventilation of airway sections in gaseous mines with flat and inclined seams. M. A. Patrushev. *Ugol' Ukr.* 10 no. 4 43-47 Ap '66.
- Finding the maximum length of a working by the heat factor. I. I. Batorov. *Ugol' Ukr.* 10 no. 4 47-48 Ap '66.
- Gas discharge in a mine section under various ventilation conditions. L. P. Romenskii, N. D. Kozenko, V. I. Vagin. *Izv. vys. ucheb. zav. gor. zhur.* 9 no. 2 46-49 '66.

- Methods of calculating the most advantageous cross sections of mine workings. A. M. Kurnakov. *Fiz.-tekhn. probl. razrab. poliskop.* no. 6 108-117 '65.

- Remotely controlled main ventilation fans. N. K. Vilisov. *Gor. zhur.* no. 1 63-64 Ap '66.

- Studying the cooled zones surrounding mine workings taking into account the inhomogeneity of rocks. E. I. Baralov, A. S. Hattayev, D. N. Shekhanov. *Dop. AN URSR* no. 3:355-358 '66.

MINE VENTILATION—COLD WEATHER CONDITIONS

- see subdivision under Karagunda Basin

MINE VENTILATION—EQUIPMENT AND SUPPLIES

- Methods of determining the optimum fan pressure for auxiliary ventilation. B. M. Titov. *Izv. vys. ucheb. zav. gor. zhur.* 9 no. 2 104-111 '66.

MINE WATER

- (see also subdivision under Dzhuzkazgan District)
- Effect of the displacement of the elongated open-pit bottom on water influx. V. M. Nekhoroshev. *Razved. i otkr. nuch.* 31 no. 3 46-49 Mi '65.

MINERAL INDUSTRIES—ECONOMIC ASPECTS

- Technical and economic indices of the work of metallurgical and mining enterprises in the U. S. S. R. for 1965. A. D. Polishchuk. *Met. i gornorud. prom.* no. 2 90-91 Mi-Ap '65.

MINERAL METABOLISM

- Characteristics of mineral metabolism in chicks fed various doses of chlorotetracycline. M. I. Latsankov, L. I. Padushchik. *Vestn. AN BSSR. Ser. sel'sk. khoz. nauch.* no. 4 117-121 '65.

MINERAL OILS

- Refining of amber oil by the sorption method. V. P. Sumatkov, Z. M. Volodutskaia, T. F. Samoilova. *Zhurn. prikl. khim.* 39 no. 3 671-679 Mi '66.

MINERAL OILS—ADDITIVES

- Mechanism of the action of polymethacrylate on a depressant for mineral oils. M. I. Shukhmanov, A. A. Petrova, A. P. Galabin. *Neftekhimiya* 5 no. 2 264-263 Mi-Ap '65.

MINERAL WATERS

- (see also subdivision under Dzhernuk region, Armenia; Edinaz Mount region, Kazakhstan; Osetia, North; Kerch Peninsula, Kislovodsk; Kuyalnik, Ukraine; Muski, Pyatigorsk)
- Mechanism of the effect of mineral waters on the motor activity of the gallbladder. F. L. Natushidze. *Soob. AN Gruz. SSR* 41 no. 3 713-718 Mi '66.

- Mineral waters, sulfurous see subdivision under Taigi (Daghestan)

MINERAL WATERS, SULFUROUS

- see subdivision under Taigi (Daghestan)

MINERAL WOOL

- Effect of some technological factors on the quality of mineral wool. T. P. Fedotova. *Sbor. trud. VNIISTROM* no. 1 40-49 '64.
- Equipment for the production of mineral wool. Mel. i gornorud. prom. no. 2:79-80 Mi-Ap '66.
- Improving the water resistance of mineral wool slabs with carbamide resins. I. A. Alifanovich. *Sbor. trud. VNIISTROM* no. 1 59-58 '64.
- Viscosity of some ash fusions. G. S. Pozdnikova, K. E. Gozlovskov. *Sbor. trud. VNIISTROM* no. 1 114-121 '64.
- Ways to prevent the ignition of slag wool. N. Smirnov. *Pozh. delo* no. 11:28 N '65.

MINERAL WYVE VODY (STAVROPOL TERRITORY)—AERONAUTICS, COMMERCIAL

- Care of man is the main thing. V. Sheremet, Gruzhi. av. 23 no. 5:3-4 N '66.

MINERALOGY

- (see also subdivision under Turkmenistan)
- Content of selenium and tellurium in pyrite and melnikovite-pyrite associating with it. M. I. Dzhandzhgava. *Soob. AN Gruz. SSR* 41 no. 1 639-645 Mi '66.

- Davydovskii, A. N. [Fundamentals of geology, mineralogy, and petrography] Osnovy geologii, mineralogii i petrografii. Kiev, Budivelnik, 1966. 162 p.

- New aspects of petrographic reaction series olivine-magnetite series. M. I. Rozhnov. *Zap. Vses. min. ob-va* 94 no. 3:318-323 '65.

- Hydrothermal reactions of plagioclase with chlorite solutions as applied to skarn formation in aluminum silicate rocks. D. V. Kalinin. *Dokl. AN SSSR* 167 no. 4 802-804 Ap '66.

- Importance of studying geosynclinal pulsations in an attempt to solve the problem of the origin of meteorites. M. Ramovich. *Meteoritika* no. 26 109-111 '65.

- Interpretation of mineralogical spectra of unconsolidated deposited for paleogeographic reconstructions. E. G. Anan'eva. *Vestn. Mosk. un. Ser. 5' Geog.* 21 no. 2 116-119 Mi-Ap '66.

MINERALOGY—CONGRESSES

- Results of work in the field of mineralogical thermometry and barometry in 1963-1965. *Geol. geofiz.* no. 1 141-148 '66.

MINERALOGY, DETERMINATIVE

- Analysis of certain two-component ores by the gamma-ray reflection method. G. A. Pashchenyi, E. P. Leman. *Vop. rud. geofiz.* no. 0 134-136 '65.

- Laboratory determination of the iron and ash content in coal with the aid of gamma- and beta-ray reflections. G. A. Pashchenyi. *Vop. rud. geofiz.* no. 0:28-33 '65.

MINERALS

- (see also subdivision under Kalmyk A. S. S. R., Kazakhstan Mountains; Polesye)

- Diborophite, a boron-beryllium titanate phosphate. A. S. Nazarov, N. N. Kuznetsova, D. P. Shashkin. *Dokl. AN SSSR* 167 no. 1 805-807 Ap '66.

- Finkel'shteyn, D. N. [Natural and synthetic minerals; a textbook for students] Priroda i iskusstvennyye mineraly, posobie dlia uchashchekhsia. Moskva, Prosveshchenie, 1965. 128 p., illus.

- First find of "xodginito" in the U. S. S. R. V. A. Khivostova and others. *Dokl. AN SSSR* 167 no. 5 1135-1138 Ap '66.

- The mineral "snukovite." V. S. Zaitsev. *Priroda* 55 no. 4 115-116 '66.

- Precipitation and properties of zeolites synthesized from natural minerals. I. A. V. Mikhlin. *Vestn. AN BSSR. Ser. khim. nauch.* no. 1 114-118 '66.

- Sorption of long-chain amine salts on minerals. G. A. Pokhodina, N. V. Vdovenko. *Ukr. khim. zhur.* 32 no. 3 256-259 '66.

- Use of minerals for the thermometry of Pro-Cambrian rocks. S. B. Lobach-Zhuchenko, I. N. Krylov. *Geokhimiya* no. 2:230-235 F '66.

- MINERALS—EFFECT ON PLANTS see Plants, Effect of minerals on

MINERALS IN FOOD

- Phosphorus, calcium, magnesium and iron content of cottage cheese. E. I. Ponomareva, Z. M. Tel'mova. *Vop. pit.* 23 no. 7 65 My-Je '64.

MINERALS IN PLANTS

- (see also subdivision under Ural Mountains)
- Trace element content of soil and needles of main pine forest types in the southern taiga. A. I. Orlov, L. P. Orlova. *Agrokhimiya* no. 4 66-67 Ap '66.

MINERALS IN SOIL

- Electron microscopic study of the aggregation of some minerals and soil in relation to polymers. L. Kh. Taimanov. *Vestn. Mosk. un. Ser. 5' Biol. i pochv.* 21 no. 1:121-126 Ja-F '66.

MINERALS IN THE BODY

- Blood mineral spectrum in the leukemia dynamics of children. V. A. Leonov, A. K. Ustinovich. *Dokl. AN BSSR* 10 no. 3:219-221 Mi '66.
- K, Na and Ca content in the plasma and erythrocytes of rats in hyperparathyroidism. D. N. P. Spiricheva, V. B. Spirichev. *Vop. med. khim.* 11 no. 3:20-28 My-Je '65.

MINERS—DISEASES AND HYGIENE

- Dust collector device in boring holes with air hammer drills. T. P. Rogovets. *Bezop. truda v prom.* 7 no. 11:24-25 N '63.

MINES AND MINERAL RESOURCES

- (see also subdivision under Algeria)
- On the road to further progress. *Geol. rud. mestorozh.* 8 no. 2:3-1 Mi-Ap '66.
- Physicochemical methods of extracting mineral raw materials for the chemical industry. N. V. Melnikov, V. Zh. Aizens. *Fiz.-tekhn. probl. razrab. poliskop.* no. 1 79-82 '65.

MINES AND MINERAL RESOURCES—HYGIENIC ASPECTS

- Problems of industrial hygiene at fluorite mines in connection with the incidence of pneumoconiosis. I. A. Apol'. *Nek. vop. khim. i kraev. pat.* no. 4:70-71 '65.

MINES AND MINERAL RESOURCES—STATISTICS

- (see also subdivision under United States)
- Comparing the indices of the development of the extracting industry of the U. S. A. and the U. S. S. R. V. Tabolev. *Vestn. stat.* no. 4:38-44 '66.

MOISTURE—EFFECT ON SEEDS see Seeds, Effect of moisture on

MOISTURE—MEASUREMENT

Moisture increase on the droplet of a solution of hygroscopic substance falling in aqueous aerosol. I. V. Romanov, V. A. Gerasimov, O. M. Tolst. Khol. zhur. 28 no. 2:268-271 Mar-Apr '66

Operation of the DVIP moisture measuring instrument in the Moscow Cold Storage Warehouse V. F. Mokhanov, L. A. Golovatskikh. Khol. tekh. 43 no. 4:15-46 Apr '66

Use of devices for the measurement and regulation of air moisture in refrigerating compartments. I. S. Kurylev, S. I. Anisovskii. Khol. tekh. 43 no. 4:20-23 Apr '66

MOKSHA RIVER—PARASITES—FISHES

Study of the parasite fauna of fish in the Moksha River. P. A. Dobsonyslov, A. I. Dushin. Uch. zap. Mord. gos. univ. no. 47:55-59 '65

MOLASSES

Accelerated method of determining the rate of yeast growth on molasses of various composition. E. A. Pleyakov, L. D. Belova. Khim. i kum. prom. 10 no. 4:21-22 Apr '66

MOLDAVIA—APPLE—DISEASES AND PESTS

Ecology of apple leaf spot in Moldavia. Zh. G. Martalikh. Infek. zab. kul't. rast. Mold. no. 4:72-81 '65

MOLDAVIA—APPLE—FERTILIZERS AND MANURES

Effect of foliar feeding on the yield of apples. A. L. Pionova. Effek. udob. v ust. Mold. no. 4:127-132 '65

MOLDAVIA—CHERRY—DISEASES AND PESTS

Virus diseases of sour cherries. K. N. Dashkeeva, I. S. Popushol. Infek. zab. kul't. rast. Mold. no. 4:63-64 '65

MOLDAVIA—CLOTHING INDUSTRY—MANAGEMENT

Industry and trade. A. Lopushanskii. Sov. torg. 30 no. 2:22-25 Apr '66

MOLDAVIA—CORN (MAIZE)—WATER REQUIREMENTS

Effect of the various methods of basic tillage of carbonated rich silty loam Chernozem in Moldavia on the moisture condition of soils and corn water requirements. S. S. Gerasimovich. Sbor. trud. po agron. fiz. no. 11:205-209 '65

MOLDAVIA—COURTS

Solemn session commemorating the 40th anniversary of the Supreme Court of the Moldavian S. S. R. Blud. Verkh. Suda no. 3:34 '65

MOLDAVIA—CROPS AND SOILS

Withering of stone fruit trees on various soil types of Moldavia. I. S. Popushol, L. F. Onofrash. Infek. zab. kul't. rast. Mold. no. 4:82-106 '65

MOLDAVIA—CUCUMBER MOSAIC VIRUS

Antigenicity of the cucumber mosaic virus in nature. S. N. Dashkeeva. Infek. zab. kul't. rast. Mold. no. 4:60-62 '65

MOLDAVIA—FERTILIZERS AND MANURES

Theoretical bases for recommendations for the distribution and efficient use of fertilizers and the practical activity of agrochemical services. I. G. Dikuev. Effek. udob. v ust. Mold. no. 4:3-16 '65

MOLDAVIA—FORAGE PLANTS—FERTILIZERS AND MANURES

Effect of mineral fertilizers on the yield and raw protein content in mixtures of winter crops with legumes. V. A. Paskal. Effek. udob. v ust. Mold. no. 4:27-29 '65

MOLDAVIA—FRUIT—DISEASES AND PESTS

New species of fungi of the family Lophotomataceae on the fruit trees of Moldavia. L. A. Marzhina, Zh. G. Martalikh. Infek. zab. kul't. rast. Mold. no. 4:5-8 '65

Pathogenic fungi causing the infections of apple and pear branches. Zh. G. Martalikh. Infek. zab. kul't. rast. Mold. no. 4:29-40 '65

MOLDAVIA—GEOCHEMICAL PROSPECTING

Conditions governing the introduction of geochemical prospecting in Moldavia and the Ukraine. D. F. Mitakovich. Geol. zhur. 23 no. 6:6-21 '63

MOLDAVIA—GEOLOGY, STRUCTURAL

Akademika nauk Moldavskoi SSR. Otdel paleontologii i stratigrafii. [Paleontologies of Moldavia] Paleontologika Moldavii. Kishinov, Kurlia moldoveniaske, 1965. 62 p.

MOLDAVIA—GRAPES—VARIETIES

Characteristics of nutrition and metabolism in the grapes of various varieties. L. I. Biblina. Effek. udob. v ust. Mold. no. 4:99-120 '65

Effect of fertilizers on the yield and quality of different grape varieties. L. I. Biblina, A. L. Popov, N. I. Shcherbakova. Effek. udob. v ust. Mold. no. 4:121-126 '65

MOLDAVIA—INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

Departmentalism hinders the creation of industrial complexes. A. Bolshakov, S. Orlov. Ekon. stroi. 8 no. 5:25-27 May '66

MOLDAVIA—LEGUMES—FERTILIZERS AND MANURES

Use of mineral fertilizers for the enrichment of forage crops with proteins. V. A. Paskal. Effek. udob. v ust. Mold. no. 4:17-26 '65

MOLDAVIA—LOPHOTOMATACEAE

New species of fungi of the family Lophotomataceae of the fruit trees of Moldavia. L. A. Marzhina, Zh. G. Martalikh. Infek. zab. kul't. rast. Mold. no. 4:5-8 '65

MOLDAVIA—MEASLES—PREVENTIVE INOCULATION

Reactive properties of the Leningrad-4 measles vaccine according to data from Moldavia. N. D. Revunkov and others. Trudy Len. inst. epid. i mikrobiol. 26:166-171 '65

MOLDAVIA—MILITARY EDUCATION

Before the army threshold. G. Skidrin. Voen. znan. 42 no. 4:30-31 Apr '66

MOLDAVIA—NITROGEN FERTILIZERS

Effectiveness of nitrogen fertilizers in common cereals in Moldavia as related to the dates of placement. G. I. Mustata. Effek. udob. v ust. Mold. no. 4:186-191 '65

MOLDAVIA—OAK

Effect of density on the growth and selection of best trees in the oak clusters. P. G. Vdovin. [Sbor. rab.] VNIILMI no. 43:95-101 '63

MOLDAVIA—PHYSICAL THERAPY

Activities of the Scientific Society of Physiotherapists and Health Resort Specialists of the Moldavian S. S. R. I. Koltai, O. Kozhokova. Vop. kul't. i fizioter. i lech. fiz. kul't. 30 no. 2:168 Mar-Apr '63

MOLDAVIA—PLANT PHYSIOLOGY—RESEARCH

Coordinating conference of Ukrainian and Moldavian researchers on plant physiology and biochemistry. V. A. Kapitanchuk. Fiziol. rast. 13 no. 2:380-382 Mar-Apr '66

MOLDAVIA—PLUM—DISEASES AND PESTS

Strips mosaic, a virus disease of plums in Moldavia. T. D. Verderavskaya, L. K. Vosmin'sh. Infek. zab. kul't. rast. Mold. no. 1:55-59 '65

MOLDAVIA—POLITICS AND GOVERNMENT

Moldavian SSR. Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the Moldavian S. S. R. fifth session, May 14-15, 1965. Verbatim report] Zasedaniia Verkhovnogo Soveta Moldavskoi SSR shestogo sozyva (plataia sessiia) 14-15 maiia 1965 goda. Stenograficheski otech. Kishinev, Karta moldoveniaske, 1965. 210, 194 p. [In Moldavian and Russian]

MOLDAVIA—POTATOES—IRRIGATION

Irrigating vegetables and potatoes. P. I. Dvornikov. Vest. sel'khoz. nauk. 10 no. 3:28-31 Mar '65

MOLDAVIA—SOCIAL GROUP WORK

Mobile clubs move along our country's roads. V. Rudian. Agitator 34 no. 9:17 May '66

MOLDAVIA—SOILS—PHOSPHORUS CONTENT

Phosphate balance of some soils of Moldavia. N. A. Tutunbaev, L. I. Burinka. Effek. udob. v ust. Mold. no. 4:165-179 '65

MOLDAVIA—STONE FRUIT—DISEASES AND PESTS

Results of the testing of new fungicides in controlling the monilia disease of fruit trees. I. S. Popushol. Infek. zab. kul't. rast. Mold. no. 4:9-14 '65

Some biological characteristics of Monilia species in the Moldavian S. S. R. I. S. Popushol, M. F. Kulik. Infek. zab. kul't. rast. Mold. no. 4:1-64 '65

Withering of stone fruit trees on various soil types of Moldavia. I. S. Popushol, L. F. Onofrash. Infek. zab. kul't. rast. Mold. no. 4:82-106 '65

MOLDAVIA—SUGAR BEETS—FERTILIZERS AND MANURES

Effect of mineral fertilizers on the yield and quality of sugar beet seeds. V. I. Moraru. Effek. udob. v ust. Mold. no. 4:60-65 '65

Phosphorus and nitrogen compounds in sugar beet seedlings in relation to fertilizers. V. I. Moraru. Effek. udob. v ust. Mold. no. 4:66-70 '65

MOLDAVIA—SUNFLOWERS—FERTILIZERS AND MANURES

Effect of soil type and fertilizers on the yield of sunflower seeds and the biochemical indices of the oil. D. I. Karastan. Effek. udob. v ust. Mold. no. 4:92-95 '65

MOLDAVIA—TOBACCO BLUE MOLD

Results of studying the resistance to downy mildew in tobacco varieties and species. M. I. Timonshil, K. N. Dashkeeva, I. S. Popushol. Infek. zab. kul't. rast. Mold. no. 1:15-28 '65

MOLDAVIA—TRAFFIC SAFETY

Traffic organization and safety. Avt. transp. 46 no. 1:48 Apr '66

MOLDAVIA—VEGETABLES—IRRIGATION

Irrigating vegetables and potatoes. P. I. Dvornikov. Vest. sel'khoz. nauk. 10 no. 3:28-31 Mar '65

MOLDING (FOUNDING)

Dimensional and weight precision of castings made in molds squeezed under high pressure. L. A. Kremnev and others. Lit. proizv. no. 3:1-4 Mar '66

Production of cylinder bush cores and molds on jolting molding machines. L. A. Tkachenko, V. P. Shcherbina. Lit. proizv. no. 3:11-12 Mar '66

Strength of cohesion of inserted pieces with the metal of the casting. M. L. Zaslavskii. Lit. proizv. no. 3:34-37 Mar '66

MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES

Conveyor jigs with a fastening device for assembling cylinder block molds. B. K. Bogorodskii, P. S. Dmitriev. Lit. proizv. no. 3:42-43 Mar '66

Overflowing of molding sand after preliminary packing. G. F. Balandin, V. I. Semenov. Lit. proizv. no. 3:20-22 Mar '66

MOLDING MACHINES

The AL9A271 automatic line for making molds for small flask casting. A. G. Nuzinov. Riut. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 19 no. 2:25-27 Apr '66

MOLECULAR ORBITALS

Calculation by the method of M. O. (L. C. A. O.) molecules containing two phenyl rings separated by a group of atoms. Report No. 2. L. I. Lagutskaya. Zhur. strukt. khim. 7 no. 1:88-92 Jan-Feb '66

Comparison of basic results in the interpretation of electronic spectra of pyrene, perylene, and coronene by the methods of modeling free electrons and M. O. (L. C. A. O.). M. A. Kovner, A. A. Terkhov. Teoret. i eksper. khim. 2 no. 1:103-106 '66

Effect of the p-nitrophenyl substituent on the electronic spectra of β -diketone anions. C. I. A. Gien, G. I. A. Vang. Dokl. AN SSSR 167 no. 4:827-830 Apr '66

Parameter of asymmetry of electric field gradient in molecular crystals. N. E. Ambinder, V. S. Grechishkin, A. N. Osipenko. Zhur. strukt. khim. 7 no. 1:111-114 Jan-Feb '66

MOLECULAR ROTATION

Spin-orbit interaction with a self-consistent field for molecules with open shells. Report No. 2. E. D. German, A. A. Levin, M. E. Diatkina. Zhur. strukt. khim. 7 no. 1:130-139 Jan-Feb '66

MOLECULAR SIEVES

Adsorptive properties and secondary porous structure of adsorbents having molecular-sieve effect. Report No. 12. Specific features of microporous adsorbents in the adsorption of vapors of different substances. M. M. Dablin, E. G. Zhukovskaya, K. O. Murdmas. Izv. AN SSSR Ser. khim. no. 1:620-627 '66

MOLECULAR SPECTRA

Calculation and interpretation of the vibrational spectra of diborane compounds. Part 3. V. N. Kapshala. Zhur. fiz. khim. 40 no. 4:845-849 Apr '66

Effect of the position and nature of the substituent on the vibration spectra of five-membered heteroaromatic systems. I. A. M. Kimol'tud and others. Zhur. strukt. khim. 7 no. 1:42-47 Jan-Feb '66

Vibrational spectra of ethylchlorosilanes. Part 3. Ethylchlorosilanes. I. U. A. Pentin, S. T. Rudakova. Vest. Mosk. un. Ser. 2: Khim. 21 no. 1:3-5 Jan-Feb '66

MOLECULAR STRUCTURE

Brownian molecular movements in liquids of like molecular structure. I. I. Adamenko, I. O. Chernav'ska. Ukr. fiz. zhur. 11 no. 3:336-340 Mar '66

Calculation of electronic structures of molecules by the electronic orbital method. I. T. Lash. Zhur. strukt. khim. 7 no. 1:80-87 Jan-Feb '66

Conformational analysis of naphthalene, acenaphthene, and of some of their derivatives. V. G. Dastevskii. Zhur. strukt. khim. 7 no. 1:93-102 Jan-Feb '66

Effect of the structure of the molecule and solvent on the relative reactivity of carboxylic acids in reactions with free methyl radicals in the liquid phase. I. Nemes, N. N. Ugareva, O. Dobish. Zhur. fiz. khim. 40 no. 2:468-468 Feb '66

Nature of electronic states of molecules and the mechanism of their transformations. Part 2. D. N. Shigorin, V. G. Plotnikov. Zhur. fiz. khim. 40 no. 2:295-308 Feb '66

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MORDOVIA—LEPTOSPIROSIS

Some problems of the etiology and specific prophylaxis of leptospirosis in animals in the Mordovian A.S.S.R. I. E. Nikolaev. Uch. zap. Mord. gos. un. no. 47:119-122 '65.

MORDOVIA—PARASITES—DOMESTIC ANIMALS

Let us intensify the control of parasitic diseases of farm animals in Mordovia. I. I. Podchin, P. P. Golyashenkov, A. P. Machinskii. Uch. zap. Mord. gos. un. no. 47:13-16 '65.

MORDOVIA—POTATOES—GRADING AND STANDARDIZATION

What is told by our practice. A. Ulianochkin. Zakup. sel'khoz. prod. no. 3:32-33 Mr '66.

MORDOVIA—POULTRY—DISEASES AND PESTS

Results of the control of coccidiosis and cannibalism of baby chicks. N. I. Sarychev, A. P. Machinskii. Uch. zap. Mord. gos. un. no. 47:60-66 '65.

MORDOVIA—TAENIA

Cysticercosis in farm animals and taeniasis in man in the Mordovian A.S.S.R. and their prophylaxis. L. A. Stepanov. Uch. zap. Mord. gos. un. no. 47:22-25 '65.

MORDOVIA—TRICHINA AND TRICHINOSIS

Natural foci of trichinosis in Mordovia. A. P. Machinskii, D. S. Shepelev. Uch. zap. Mord. gos. un. no. 47:26-31 '65.

MORDOVIA—WATER—POLLUTION

Hygienic evaluation of some ponds in the Mordovian A.S.S.R. D. S. Shepelev, L. I. Shegoleva. Uch. zap. Mord. gos. un. no. 47:34-41 '65.

MORDOVIAN A.S.S.R. see Mordovia

MORPHINE

Certain secondary processes for the preparation of cocaine by methylation of morphine. L. G. Demina and others. Zhur. prikl. khim. 38 no. 2:399-403 F '65.

MORPHINE—PHYSIOLOGICAL EFFECT

Reflex responses in the cardiac sympathetic nerves and their changes under the influence of morphine. N. V. Kaverina, I. U. B. Rozonov. Blot. eksp. biol. i med. 61 no. 2:60-64 F '66.

MORPHOLOGY

Riga, Melitinas instituts. [Current problems of normal and pathological morphology; a festschrift on Professor V. A. Kal'berg's 70th birthday] Aktual'nye voprosy normal'noi i patologicheskoi morfologii; sbornik nauchnykh rabot, posvashchennykh 70-letiiu professora V. A. Kal'berga. Riga, "Zvaizme," 1965. 309 p.

MORPHOLOGY (ANIMALS)

Age-related morphology of sheep kidneys. A. F. Shapilov. Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no. 5:83-88 S-O '64.

MORTAR

Automation of mortar mixing. F. Gurt. Stroitel'arkhit. 12 no. 3:32-33 Mr '64.

Viscosity of cement mortars made with vibration ground cement. I. H. Arabadzhan. Izv. VNIIG 74:273-279 '64.

MOSAIC DISEASES

Stipa mosaic, a virus disease of plums in Moldavia. T. D. Volderavskaya, L. K. Vesnin'sh. Infek. zab. kul't. rast. Mold. no. 4:55-59 '65.

MOSAICS see subdivision under Moscow

MOSCOW—AGRICULTURAL COLLEGES

Centennial of the Timiriazev Agricultural Academy. K. M. Sontau. Vestn. AN BSSR. Ser. sel'khoz. nav. no. 4:134 '65.

MOSCOW—AIR DEFENSES, MILITARY

Defenders of the Moscow sky. F. M. Bondarenko. Tekh. i voorn. no. 10:4-9 O '65.

MOSCOW—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Design-plan construction. L. Diubek. Stroitel'arkhit. Mosk. 15 no. 3:12-19 Mr '66.

On the assembly line of a housing construction combine. V. Galitskiy. Stroitel'arkhit. Mosk. 15 no. 3:10-22 Mr '66.

Sixteen-story apartment house built in Novyye Chergasmushki. V. Danovskiy, M. Shvekhman. Stroitel'arkhit. Mosk. 15 no. 3:30-40 Mr '66.

MOSCOW—ARCHES, TRIUMPHAL

Arch of triumph changes its address. M. Adrianov. Stroitel'arkhit. Mosk. 15 no. 4:10-11 Ap '66.

MOSCOW—ART GALLERIES AND MUSEUMS

Ermonevskiy, V. V. [State Tretyakov Gallery, a depository of Russian art] Gosudarstvennaya Tretyakovskaya galeriya - sokrovishchitsa russkogo iskusstva. Leningrad, Khudozhnik RSFSR, 1965. 44 p. illus. (Narodnaya biblioteka po iskusstvu)

MOSCOW—ASTRONOMY—SOCIETIES, ETC

From the early years of the Moscow Society of Amateur-Astronomers (U. G. Perel', Zein i vesl. 2 no. 2:62-69 Mr-Apr '66)

MOSCOW—AUTOMOBILE PARKING

Important city-planning problem. A. Lysogorskiy. Stroitel'arkhit. Mosk. 15 no. 4:33-35 Ap '66.

MOSCOW—BRIDGES

Moscow's great bridges in the construction program from 1945 to 1962. K. N. Meikulov. Gor. khoz. Mosk. 39 no. 3:11-17 Mr '65.

MOSCOW—BUILDING LAWS

Moscow in the year 1665. M. Ponomarev. Pozh. delo no. 11:7-8 N '65.

MOSCOW—CARGO HANDLING

Port operation between navigation seasons. I. Peltapavlovskiy, L. Zakrzhevskiy. Rech. transp. 23 no. 3:18-19 Mr '64.

MOSCOW—CITY PLANNING

Before the first general plan for the reconstruction of Moscow, 1924-1931. Gor. khoz. Mosk. 39 no. 3:11-13 Mr '65.

Beginning of the realization of the general plan for the reconstruction of Moscow, 1935-1944. Gor. khoz. Mosk. 39 no. 3:13-15 Mr '65.

Designs and achievements. N. Evstratov. Stroitel'arkhit. Mosk. 15 no. 3:30-31 Mr '66.

Our capital; its present state and its future. M. Posokhin. Stroitel'arkhit. Mosk. 15 no. 3:5-7 Mr '66.

Reconstruction of the central area of a large city. N. Kotli, V. Lavrov. Arkhit. SSSR no. 2:1-7 '66.

Thirty years of the first general plan for the reconstruction of Moscow. V. F. Pionyslov. Gor. khoz. Mosk. 39 no. 3:6-10 Mr '65.

MOSCOW—CLOCKMAKING AND WATCHMAKING

Overall automation of the machining of plates for the women's wristwatch "Slava." A. N. Bordiukov, N. D. Chubarov. Blot. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. tekhn. inform. 10 no. 2:37-39 F '66.

The time of examinations and the "Slava" clocks. B. Kiylov. Mol. komm. no. 3:101-104 Mr '65.

MOSCOW—CLOTHING INDUSTRY—ACCOUNTING

Direct contacts and the unification of documents. A. Kachurov, Z. Nikolaeva. Sov. toig. 39 no. 2:28-28 F '66.

What figures tell. I. A. Edel'man. Sov. toig. 39 no. 2:10-21 F '66.

MOSCOW—COLD STORAGE WAREHOUSES—EQUIPMENT AND SUPPLIES

Operation of the DVIP moisture measuring instrument in the Moscow Cold Storage Warehouse. V. F. Moldanov, L. A. Golovatskaya. Khol. tekhn. 43 no. 1:15-16 Ap '66.

MOSCOW—COMMUNITY AND SCHOOL

Practices of Zamoskvorech'ye. L. Zemliannikova. Sem'ia i shkola 21 no. 3:5 Mr '66.

MOSCOW—CONFECTIONERY INDUSTRY—MANAGEMENT

Economic work in an enterprise under the new conditions. K. Rutov, V. Givatskaya. Sots. trud 11 no. 4:32-39

MOSCOW—CONSERVATORIES OF MUSIC

Vorovskiy Street, Nos. 30-36. A. Shalkhet, E. Shumov, B. Kengurov. Stroitel'arkhit. Mosk. 15 no. 4:30-32 Ap '66.

MOSCOW—CONSTRUCTION INDUSTRY

First results of work under new conditions. I. Naumov. Na stroit. Ros. 7 no. 3:26-27 Mr '66.

Great goals. V. Premyslov. Stroitel'arkhit. Mosk. 15 no. 3:1-4 Mr '66.

In the executive committee of the Moscow soviet. Stroitel'arkhit. Mosk. 15 no. 4:3 of cover Ap '66.

Main Construction Administration of the City of Moscow, in 1966. N. Pashchenko. Stroitel'arkhit. Mosk. 15 no. 3:10-11 Mr '66.

New developments in construction in Moscow. V. Premyslov. Na stroit. Ros. 7 no. 3:1-2 Mr '66.

MOSCOW—CONSTRUCTION INDUSTRY—FINANCE

Finished product, profit, and quality. N. Naumov, N. Vinokurova. Ekon. stroit. 8 no. 5:32-35 My '66.

MOSCOW—CONSTRUCTION INDUSTRY—MANAGEMENT

Assembly-line methods and progressive labor organization in construction. G. Shafan. Sots. trud 11 no. 4:87-94 Ap '66.

Conditions are new, but procedures are old. A. Ben'tamin-Zeda. Ekon. stroit. 8 no. 5:30-39 My '66.

Important economic experiment. D. Novikov, L. Abramson. Stroitel'arkhit. Mosk. 15 no. 3:23-25 Mr '66.

MOSCOW—DAIRY INDUSTRY—MANAGEMENT

Quality of milk and dairy products. N. Fedorov. Sov. toig. 39 no. 1:11-15 Ja '66.

MOSCOW—DEPARTMENT STORES—HEATING AND VENTILATION

Experience in adjusting the ventilation system of the "Moskva" department store. V. I. Libchak, V. I. San. tekhn. no. 5:13-15 My '65.

MOSCOW—DESCRIPTION

Kolodnyi, L. E. [Moscow through the eyes of a reporter] Moskva glazami reportera. [Moskva, Mosk. rabochii, 1966] 262 p.

MOSCOW—ECONOMIC CONDITIONS

Heroic cities report. Sov. voln. 47 no. 17:4-5 S '65.

MOSCOW—ELECTIONS

Organs of authentic sovereignty of the people. Gor. khoz. Mosk. 39 no. 3:1-2 Mr '65.

MOSCOW—ELECTRIC EQUIPMENT INDUSTRY—FINANCE

The enterprise prepares for work in the new way. I. Kutylin. Plan. khoz. 43 no. 5:70-74 My '66.

MOSCOW—ELECTRONIC COMPUTERS

Economic efficiency of using electronic computers in accounting. Z. Khranov. Nauch. dokl. vys. shkoly, ekon. nauki 9 no. 2:112-117 '66.

MOSCOW—ENDOCRINOLOGICAL SOCIETIES

In the Moscow Scientific Society of Endocrinologists. E. Z. Ginchin. Probl. endok. i gorm. 12 no. 2:123-124 Mr-Apr '66.

MOSCOW—EXHIBITIONS

At the Exhibition of the Achievements of the National Economy. G. G. Mirzabekov. Mekh. i avtom. protzv. 20 no. 4:27-30 Ap '66.

Duty and vocation of exhibition experts. A. Svetailo. Inform. blit. VDNKH no. 3:38-39 Mr '66.

Moscow, Sokolniki. O. Gurov, F. Petrov. Tekh. i voorn. 10 no. 12:66-71 D '65.

U.S.S.R. Exhibition of National Economic Achievements, 1966. V. N. Kotov. Tekh. i voorn. 24 no. 2:74-75 F '66.

MOSCOW—FIRES AND FIRE PREVENTION

Moscow in the year 1665. M. Ponomarev. Pozh. delo no. 11:7-8 N '65.

MOSCOW—FUR TRADE

The fur and pelt trade of Moscow. R. Ershova. Sov. toig. 39 no. 1:20-23 Ja '66.

MOSCOW—GLIDING AND SOARING

Young glider pilots. A. Vinokurov. Kryn. rod. 17 no. 5:12-13 My '66.

MOSCOW—GRAIN ELEVATORS

Reversible remote control of rotary pipes in the elevator of the Tselurpa Milling Combine. B. Krichigin. Aluk.-elev. prom. 32 no. 3:11-12 Mr '66.

MOSCOW—GRAIN TRADE—MANAGEMENT

The living history. V. Igoreva. Zakup. sel'khoz. prod. no. 3:42-15 Mr '66.

MOSCOW—HISTORY

Latsheva, G. P., and M. G. Rabinovich. [Moscow in the distant past] Moskva v dalekom proshlom. Moskva, Nauka, 1966. 248 p. (Nauchno-populnarnaya seriia)

MOSCOW—HOME AND SCHOOL

Parents learn too. . . G. Perova. Sem'ia i shkola 21 no. 2:30-31 F '66.

MOSCOW—HOTELS, TAVERNS, ETC.—HEATING AND VENTILATION

Studies of the contour system of heating the "Iunoski" Hotel. A. Z. Ivanskiy. Sbor. trad. NIIST no. 17:64-82 '66.

MOSCOW—HOUSING MANAGEMENT—ACCOUNTING

Centralization of accounting in housing management. A. Nemshevtch. Bukhg. uch. no. 4:10-15 Ap '66.

MOSCOW—LIBRARIES, PRIVATE

Razgon, L. E. [Under the monogram "Rb" a book about N. Rubakin] Pod shifrom "Rb" kniga o N. Rubakine. Moskva, Znanie, 1966. 125 p.

MOSCOW—MATHEMATICAL SOCIETIES

Summaries of papers delivered at the sessions of the Section of Probability Theory and Mathematical Statistics of the Moscow Mathematical Society. Teor. verolot. i se prim. 11 no. 1:193-208 '66.

1679

MOTION PICTURES—SETTING AND SCENERY

Soluz khudozhnikov RSFSR. Moskovskoe otdelenie.
[Work of the artists of the theater and motion picture]
Raboty khudozhnikov teatra i kino. Moskva, Sovetskii khudozhnik, 1965. [?] p illus. (Vyslavka "Moskva - stoliitsa nashel Rodiny")

MOTION PICTURES, DOCUMENTARY

(See also subdivision under Azerbaijan)

True to fact. V. Shilevskov. Sov. voen 47 no. 16-21 Ag '65.

MOTION PICTURES IN EDUCATION

Economics, science, production. Ekon. i zhizn' 8 no. 3:84-85 Mr '66.

Nikolaevskii, G. K., P. V. Panov, and G. L. Trukach.
[Use of motion pictures in instruction and research in technical institutions of higher learning] Kinofkatsiia uchebno-nauchnogo pi otessa v tekhnicheskikh vuzakh. Khar'kov, Khar'kovskii universitet, 1965. 70 p.

MOTION PICTURES IN INDUSTRY

Motion pictures on industrial safety. Bezop. truda v prom. 7 no. 11-39 N '63.

MOTOR FUELS see subdivision under Novokuybyshevsk (Kuybyshev Province)

MOTOR FUELS—ADDITIVES

Additive for increasing the thermooxidative stability of hydrocarbon fuels. G. F. Bol'shakov, I. U. A. Brik, F. U. Rachinskii, Khim. i tekhn. topi. i masel 11 no. 3:52-54 Mr '66.

MOTOR SHIPS

Leont'evskii, E. S., and N. M. Renski, comps. [Handbook for the mechanic and machinist of a motor ship] Spravochnik mekhanika i stolovistu teplokhoda. Izd. 2., pererab. i dop. Moskva, Transport, 1965. 501 p

Motor ship "Bobruyskies." I A Zaitsev, B. A. Goloburdin. Sudostroenie 30 no. 6:1-4 Je '64.

MOTOR SHIPS—MAINTENANCE AND REPAIR

Indices for evaluating the technical operation of motor ships. A. Aleksandrov. Rech. transp. 25 no. 3:24-27 '66.

MOTOR VEHICLE DRIVERS

(See also subdivision under Kirov)

Improve the training of young specialists. G. Akhatov. Avt. transp. 46 no. 4:54-55 Ap '66

Training specialists. Avt. transp. 41 no. 3:48-49 Mi '66.

MOTOR VEHICLES—BRAKES

Effect of antiblocking devices on the braking efficiency of a motor vehicle. S. I. Lomka. Avt. transp. [Kiev] no. 2: 80-95 '66.

Experimental investigation of the efficiency of decelerating braking of a motor vehicle by the diesel engine. A. R. Sukhorukov and others. Avt. transp. [Kiev] no. 2, 95-101 '66.

Filling unit for hydraulic brakes. A. Kamentsov, M. Khandin, E. Tishchenko-Royskii. Avt. transp. 40 no. 4:21 Ap '66.

MOTOR VEHICLES—COLD WEATHER OPERATION

Operating motor vehicles in northern regions. V. Kochetkov. Avt. transp. 40 no. 4:22-23 Ap '66.

MOTOR VEHICLES—DESIGN AND CONSTRUCTION

Specifications of new makes of motor vehicles. Avt. transp. 46 no. 4:31-34 Ap '66.

MOTOR VEHICLES—DYNAMICS

Basic indices of the roadability of motor vehicles and theoretical premises for their determination. G. B. Bezborodova. Avt. transp. [Kiev] no. 2:64-70 '66.

MOTOR VEHICLES—ENGINES

Changes in the lubrication system during the running-in of an engine. I. P. Sova. Avt. transp. [Kiev] no. 2:32-35 '66.

Determining dimensions of air-intake holes for engines. G. M. Vasserman, V. I. Dechev, V. D. Ol'niak. Avt. prom. 32 no. 3:10-16 Mr '66.

Selecting basic dimensions of a motor-piston engine. A. A. Voinik, A. S. Tseslinskii. Avt. prom. 32 no. 3: 11-14 Mr '66.

Selecting the criterion for evaluating the technical condition of an engine. N. A. Bilalovich. Avt. transp. [Kiev] no. 2:10-24 '66.

Teaching how to eliminate engine trouble using a stand. K. Potresov. Avt. transp. 40 no. 4:50-52 Ap '66.

Wear of cylinders of motor vehicle engines. M. A. Grigor'ev, N. N. Ponomarev, E. I. Shanin. Avt. prom. 32 no. 3:4-7 Mr '66.

MOTOR VEHICLES—IGNITION

Selecting parameters for contact-transistor ignition. M. Vasil'ev. Avt. transp. 44 no. 3:60 Mr '66.

MOTOR VEHICLES—LAW

Decision No. 2 of the Plenum of the Supreme Court of the U.S.S.R. of April 9, 1965, entitled "Judicial practice in cases involving violations of regulations on traffic safety and operation of motor vehicles on municipal electric transportation." Bluz Verkh Suda no. 3 10-12 '65

MOTOR VEHICLES—MAINTENANCE AND REPAIR

Advice to motor-vehicle mechanics. Obsh. truda i sots. strakh 9 no. 5:22-25 My '66.

Diagnosis is a base for the maintenance and repair of motor vehicles. L. Mandrik. Avt. transp. 44 no. 3 20-21 Mi '66

Reconditioning bushing and crank bearing seats. V. Chertkov. Avt. transp. 46 no. 4 29-30 Ap '66.

Reliability and the problem of repairing motor vehicles. G. A. Malyshov. Avt. prom. 32 no. 3:17-20 Mr '66.

Using natural gas at a motor-vehicle repair plant. V. Lile, E. Kholoslov. Avt. transp. 46 no. 4:27-29 Ap '66.

Voroshchak, F. P., and L. A. Abelevich. [Handbook for the mechanical engineer, vol. 1: Design of motor-vehicle repair enterprises] Spravochnik inzhenera-mekhanika, tom: Proektirovaniye avtomobilnykh predpriyatiy. Moskva, Transport, 1966. 333 p. chart (insert)

MOTOR VEHICLES—RELIABILITY

Nesvitskii, I. A. I. [Reliability of a motor vehicle] Na-dezhnost' avtomobila. Moskva, Transport, 1966. 74 p. (Nauchno-populjarnaya biblioteka avtomobilista)

MOTOR VEHICLES—TECHNOLOGICAL INNOVATIONS

Exchange of experience. Avt. transp. 44 no. 3:51-55 Mi '66

Exchange of experience. Avt. transp. 46 no. 4 50-60 Ap '66.

MOTOR VEHICLES—TESTING

Effect of road conditions on the efficiency and durability of motor vehicle units. L. S. Prikhod'ko. Avt. transp. [Kiev] no. 2:25-31 '66

MOTOR VEHICLES—TIRES

Operating properties of motor vehicles with wide-profile tires. L. Velikanov. Avt. transp. 44 no. 3:42-44 Mi '66.

Organizing a stand for mounting, dismounting and rotating tires. D. Shvets. Avt. transp. 46 no. 4 22 Ap '66

Shop for maintenance and exchange of motor-vehicle tires. V. Filonenko. Avt. transp. 44 no. 3:21-22 Mr '66

MOTOR VEHICLES—TRANSMISSION DEVICES

Selecting parameters of standard hydraulic torque converters for the BelAZ-type motor vehicles. N. D. Mazakov and others. Avt. prom. 32 no. 3:24-27 Mr '66.

MOTOR VEHICLES, AMPHIBIOUS

Red'kin, M. G. [Amphibious wheeled and full-track vehicles] Plavalushchilo kolesenye i gusechnyye mashiny. Moskva, Voenizdat, 1966. 109 p.

MOTORBOATS

Motorboat "Marinka." L. Sel'nikov. Shkola i proizv. 10 no. 4:95-98 Ap '66.

MOTORBUS INDUSTRY

see subdivision under Lvov

MOTORBUS LINES

Determining efficient zones for the use of urban motor-buses. D. Elkin. Avt. transp. 46 no. 4 10-12 Ap '66.

MOTORBUS TERMINALS

see subdivision under Kuybyshev

MOTORBUSES

Average capacity norms for the LAZ motorbuses. A. Gal'bert. Avt. transp. 46 no. 4:17-18 Ap '66.

MOTORBUSES—DESIGN AND CONSTRUCTION

Basic requirements of the arrangement of large size urban motorbuses. V. V. Osopchugov. Avt. prom. 32 no. 3:28-30 Mr '66.

MOTORBUSES—VIBRATION

Some characteristics of the vibrations of the LAZ short-distance motorbuses. A. M. Gorelik, I. G. Zatserekovnyi. Avt. prom. 32 no. 3:20-24 Mr '66.

MOTORIZATION, MILITARY—STUDY AND TEACHING

They operated as in battle. N. Maltugin. Ty i snab. Sov. voen. Sil 26 no. 3:27-31 Mr '66.

Training is going on in an organized manner. N. Birzov, A. Vorob'ev. Ty i snab. Sov. voen. Sil 26 no. 3: 13-15 Mr '66.

Young drivers come into service. V. Turushkin. Ty i snab. Sov. voen. Sil 26 no. 3:31-35 Mr '66.

MOTORTRUCKS

Working out the scientific and methodological basis for the "Tractors and motortrucks" textbook in Azerbaijan. Kh. K. Kulev. Uch. zap. AzSKH no. 1: 170-185 '64.

MOTORTRUCKS—BODIES

Combined body for slate transportation. A. Gasyulin. Uch. zap. 40 no. 4 40-41 Ap '66

MOTORTRUCKS—MAINTENANCE AND REPAIR

Preventive-maintenance buildings for motortrucks. D. Khvorostov. Avt. transp. 46 no. 4 19-20 Ap '66.

MOTORTRUCKS—TESTING

Testing the GAZ-53 motortrucks equipped with diesel engines. K. V. Gorbunov. Avt. prom. 32 no. 3:14-17 Mr '66.

MOTORTRUCKS—TRANSMISSION DEVICES

Stand for the running-in and testing of the gearboxes of the "ZIL" and "GAZ" motortrucks. V. I. Belov. Uch. zap. Mord. gos un. no. 45 44-50 '64

MOUNDS see subdivision under Azerbaijan

MOUTH—CANCER

Clinical course and treatment of malignant neoplasms of the accessory sinuses of the nose and of the oral cavity. V. P. Shukhtina. Sov. stud. nauch. rab. Arkh gos med. inst. no. 2:48 '63

MOUTH—DISEASES

Role of metal dental prostheses in the pathogenesis of leukoplakia and lichenoid lesions of the oral cavity. G. A. Kudinov, A. I. Mashitilison. Sov. med. 20 no. 4: 134-130 Ap '66.

MOUTH—TUMORS

Oncological alertness of stomatologists and dentists. M. V. Mukhin. Voenn. med. zhur. no. 4 44-47 Ap '66.

MOVEMENT (PHYSIOLOGY)

Mechanochemistry of elementary motions of living substances. S. A. Buznashcheva. Usp. biol. Khim. 7:267-281 '65

MOVEMENT (PHYSIOLOGY)—MATHEMATICAL MODELS

Motor characteristics of man as an n-dimensional continuum. V. M. Zaitseva, M. A. Golik. Teor. i prikl. fiz. kul. 20 no. 4:12-21 Ap '66

MOVEMENT DISORDERS

Electroencephalographic recording of hyperkinesia caused by guanidine, tetraethyl ammonium, α -aminopyridine, and dihydrobenzocenes in warm-blooded animals. A. I. Podle-nala. Bluz eksp. biol. i med. 61 no. 3:73-77 Mr '66.

MOWING MACHINES—HYDRAULIC EQUIPMENT

Magnitude of hydraulic power loss in the hydraulic drive of the cutting apparatus of a mower. I. S. Bobovich. Trudy TsELsel'khoz inst. 3 no. 3:24-35 '65.

MUD VOLCANOES see subdivision under Caspian Lowland

MUGODZHAR HILLS—WATER, UNDERGROUND—COMPOSITION

Microelements in the underground waters of the Mugodzharsk fold area. K. M. Davletgalieva. Izv. AN Kazakh. SSR. Ser. geol. 23 no. 2 52-57 Mr-Ap '66.

MUKACHEVO (UKRAINE)—SELF-SERVICE STORES

In an urban food store. A. Zalats. Sov. tovg. 39 no. 1:34-35 Ja '66.

MULBERRY

Amino acid content in the leaves of mulberry (Morus alba L.) and Scorzonera hispanica L. G. V. Samokhvalova, V. P. Korzhonko, L. M. Gail'mova. Nauch. dokl. vys. shkoly; biol. nauk 1 no. 2:175-178 '66.

MULBERRY—VARIETIES see subdivision under Azerbaijan

MULTIPLE SCLEROSIS

Viruses isolated from encephalomyelitis and multiple sclerosis patients. Study of the pathomorphology of experimental infection in chicks and chick embryos. E. N. Bychkova, R. M. Shen, A. I. Vanog. Vop. virus 11 no. 1:66-72 Ja-F '66.

MUMPS—PREVENTIVE INOCULATION

Reactogenic and immunogenic properties of measles and mumps vaccines introduced separately and in combination. L. G. Feshchenko. Trudy Len. inst. epid. i mikrobiol. 28:301-306 '65.

Results of combined vaccination with live measles and parotitis vaccines. M. N. Nasibov. Trudy Len. inst. epid. i mikrobiol. 28:424-432 '65.

Results of the study of live tissue vaccines against epidemic parotitis in association with measles vaccines. M. N. Nasibov, E. S. Shukina. Trudy Len. inst. epid. i mikrobiol. 28:280-290 '65.

Sociological and epidemiological data on the study of associated vaccines against measles and mumps. E. S. Shukina and others. Trudy Len. inst. epid. i mikrobiol. 28:291-300 '65.

MUNCH—THEATER

An anti-fascist play in Munich T. Polyakova Feat. 27 no 3 138-139 Mr '66.

MUNICIPAL ENGINEERING—EQUIPMENT AND SUPPLIES

Kotchenko, N. V., and L. N. Kotchenko. [Engineering equipment for rural settlements] Inzhenernoe oborudovanie sel'skikh naselennykh mest Moskva, Stroizdat, 1968 343 p.

MUNICIPAL SERVICES

(see also subdivision under Moscow)

Ways of further improving public service systems E. Keller Arkh. SSSR no. 2 10-11 '66

MURGAB VALLEY—MINING BEES

Netting of the mining bee Halictus quadricinctus F (Hymenoptera, Apoidea) in the Murgab Valley, T. A. Yudaev Izv. AN Turk. SSR Ser. biol. nauk no. 1 87-89 '66

MURMANSK PROVINCE—BOTANY

[Flora of Murmansk Province] Flora Murmanskoi oblasti Moskva, Nauka No 5 1966 548 p.

MURMANSK PROVINCE—LIBRARIES AND READERS

Each library is a bibliographer M. Shuvakova, V. Vlasova, L. Driabazhga. Bibliotekar' 43 no 1 49 30 Ap '66

MUSCLE

Dissociation of phosphorylases A and B from the muscles of a rabbit. N. B. Livanova and others. Biokhimiya 31 no. 1 194-200 Ja-F '66.

Division of muscular pyruvic dehydrogenase into 3 components. A. A. Glemzh, L. S. Zhil'ber. Vop. med. khim. 12 no. 2 217-218 Mr-Apr '66.

Fine structure of "myosin" protofibrils of the transverse-striated muscle fiber V. P. Gilev. Biokhimiya 11 no. 2 274-277 '66.

Isolation of the preparations of pure cell nuclei and myofibrils from skeletal muscles M. M. Zaslavskii, N. A. Gachechladze. Sootb. AN Gruz. SSR 41 no. 2 343-350 F '66

Some characteristic changes in the biological properties of muscle tissue in ontogeny. S. I. Fudeli-Osyrova. Fiziol. zhur. [Ukr.] 10 no. 6 739-748 N-D '64.

Study of antigenic properties of regenerating muscle tissue I. S. Khudavitsov. Bul. eksp. biol. med. 61 no. 3 92-95 Mr '66.

MUSCLE—TRANSPLANTATION

Morphological study of cardiac and somatic muscles following autotransplantation into the myocardium in dogs. G. I. Nepomniashchikh. Bul. eksp. biol. i med. 61 no. 2 109-113 F '66.

MUSCLES

Contractile properties of isolated vermiform processes in man and rabbits I. U. B. Temper, V. I. Gekhtman. Bul. eksp. biol. i med. 61 no. 2 21-24 F '66.

Pharmacological analysis of the effect of acetylcholine on an isolated musculus retractor penis in dogs. I. S. Gushchin. Farm. i toka. 28 no. 2 209-213 Mr-Apr '65.

MUSCLES—BLOOD SUPPLY

Characteristics of the blood supply of red and white muscles. O. R. Radzinskii. Fiziol. zhur. [Ukr.] 10 no. 6 806-809 N-D '64

MUSCLES—DISEASES

Pathomorphology of lesions of the fibers of skeletal muscles in experimental infection with coxsackie A viruses. I. U. A. Barshtein. Arkh. pat. 28 no. 2 68-75 '66.

MUSCLES—DENERVATION

Some indices of age-related characteristics of the course of denervation processes in a muscle. I. I. Parkhoty. Fiziol. zhur. [Ukr.] 10 no. 6 803-805 N-D '64

MUSCLES—MOTILITY

Study of the "gliding" process in muscle contraction by the diffraction method V. B. Emel'yanov, V. N. Efimov, G. M. Frank. Dokl. AN SSSR 167 no. 4 923-924 Ap '66.

MUSCLES—TUMORS

X-ray pneumography of tumors of soft tissues T. M. Shtein. Vop. onk. 12 no. 4 15-18 '66.

MUSCOVITE

Characteristics of biochemical decomposition of albite and muscovite. I. N. Antipov-Karatayev, I. G. Tsiurupa, V. A. Alferova. Kora vyvel. no. 7 53-58 '66.

MUSCOVITE—ANALYSIS see subdivision under Irkutsk Province

MUSCULAR DYSTROPHY

Activity of aldolase in subcellular elements of the muscles under normal conditions and in muscular dystrophy. V. A. Grigorenko, E. N. Medvedev. Vop. med. khim. 12 no. 2 193-196 Mr-Apr '66

MUSCULOSKELETAL SYSTEM

Vvedenskii's pessimal inhibition in muscle fibers of tonic skeletal musculature in frogs. N. M. Shamarina. Fiziol. zhur. 52 no. 4 370-379 Ap '66.

MUSEUMS see subdivision 'Art galleries and museums' under Moscow, Paris

MUSHROOM CULTURE

Method of developing artificial strains of cultivated champignons L. V. Garibova. Nauch. dokl. vyss. shkoly, biol. nauk no. 2 104-108 '66

MUSIC

Kallin, N. I. [The art of seeing and hearing] Iskustvo videti i slyshat' Moskva, Znanie, 1965 124 p. (Narodnyi universitet Pedagogicheskii fakul'tet, no. 7)

MUSIC—INSTRUCTION AND STUDY

There was no false note in the octave V. Sokolovskaya. Mol. komm. no. 3 17-50 Mr '65.

MUSIC—PERFORMANCE

Grun-Gruzhmalto, T. N. [Musical performance] O muzykal'nom ispolnitel'stve. Moskva, Znanie, 1965 85 p. (Narodnyi universitet: Fakul'tet literatury i iskusstva, no. 8)

MUSIC, ESTONIAN—BIBLIOGRAPHY see Bibliography—Music, Estonian

MUSIC, INCIDENTAL—HISTORY AND CRITICISM

Izraelskii, B. L. [Music in the performances of the Moscow Art Theatre, notes of a conductor] Muzyka v spektaklakh Moskovskogo Khudozhestvennogo teatra, zapiski dirigera. Moskva, VTO, 1965 313 p. illus

MUSIC AND COLOR—EXHIBITIONS

Electrical color-music at the Exhibition of Achievements of the National Economy of the U.S.S.R. B. Ivanov. Sbornik preizv. 10 no. 4 84-85 Ap '66.

MUSIC FESTIVALS

Song I. Vasililina. Teatr. 27 no. 3 65-69 Mr '66.

MUSICAL NOTATION

Kulakovskii, L. V. [How to learn to read music; the rudiments of notation] Kak nauchit'sia chitat' noty, notniia gramota. 3. izd. Moskva, Muzyka, 1966 45 p. (Universitetnyi kul'turny)

MUSKRATS see subdivision under Balkhash Lake

MUTUAL ECONOMIC ASSISTANCE COUNCIL

The Comecon, collaboration of aviators of fraternal countries. N. Opilshko. Glazhd. av. 23 no. 5 30-31 My '66.

Current problems of economic cooperation among socialist countries. O. Bogomolov. Mir. ekon. i mezhdunar. otn. no. 5 15-27 '66.

Economic cooperation of socialist countries: a talk with Comrade Antal Apró. Kommunist 43 no. 6 113-118 Ap '66

Forms and methods of intercommunication among the peoples of the socialist countries. Mikh. Senin. Mezhdunar. zhizn' 13 no. 5 16-25 '66.

In the working committees on automotive transportation of the Mutual Economic Assistance Council A. Volnov. Avt. transp. 44 no. 3 61 Mr '66

On steel lines of friendly countries. E. Nensberg, V. Shahtmatov. Tyi i snab. Sov. Voor. Sil. 26 no. 3 70-72 Mr '66.

MYCERIN

Absorption, distribution, and excretion of mycerin by the organism of healthy swine. L. P. Zav'yalov. Uch. zap. KYI 93:271-274 '64.

MYCOBACTERIUM

(see also subdivision under Africa, East)

Phthivazide-resistance of Mycobacterium tuberculosis and its significance in clinical practice. V. P. Belogurova, V. K. Dargevich. Sov. med. 29 no. 3 68-72 Mr '66.

MYCOPLASMA

Antigen for the complement fixation reaction and its use for serum diagnosis of diseases caused by Mycoplasma pneumoniae. M. S. Zakharova, N. M. Parubinovskaya. Zhur. mikrobiol., epid. i immun. 43 no. 3 60-65 Mr '66.

MYCOTIS

(see also subdivision under Archangel)

Isolated mycosis of the brain. V. P. Gruzanova. Vop. neirokhir. no. 3 58-59 '65.

MYDRIATICS

Effect of prolonged instillations of pharmaceutical preparations on the pupillary reactions of the eye in anesthetized dogs V. P. Baakakova. Farm. i toka. 28 no. 4 117 116 JI-Ag '65

MYOSINS

Fine structure of "myosin" protofibrils of the transverse-striated muscle fiber. V. P. Gilev. Biokhimiya 11 no. 2 274-277 '66.

Physicochemical study of the mechanism of enzyme inactivation Report No. 2 Thermodynamic analysis of the inactivation of enzymes - myosin and protein L. Kh. Eidus. Biokhimiya 11 no. 2 217-222 '66.

Some data on a comparative immunomorphological study of the myosin of striated and smooth muscles. V. S. Rukosuev. Arkh. pat. 28 no. 2 55-60 '66.

Study of structural parameters of myosin. S. N. Iudchenko and others. Biokhimiya 31 no. 1 190-193 Ja-F '66.

MYRICACEAE, FOSSIL

Fruits of Comptonia from Tertiary sediments in the U.S.S.R. P. I. Dorofeev. Dokl. AN SSSR 167 no. 1 910-913 Ap '66

MYTHOLOGY, AFRICAN

"The cultural hero" in African mythology: a contribution to the discussion on F. M. Nketin's book "Origins of the epos." E. S. Kodina. Sov. etn. no. 2 93-100 Mr '66

MYTILACEA, FOSSIL see subdivision under Caipatid Mountains

MYXOVIRUSES

Level of anti-erythrocyte auto-antibodies as related to the myxovirus infection in children. I. S. Lavrenko. Vop. virus. 11 no. 1 56-62 Ja-F '66

NAKHICHEVAN A.S.S.R.—POTTERY, ANCIENT

Studying the cultural types of painted pottery in Azerbaijan. V. G. Aliev. Mat. kul't. Azerb. 6:50-56 '65.

NAMES, GEOGRAPHICAL

Zhuchkevich, V. A. [Toponymy; a concise geographic study] Toponimika; kratkii geograficheskii ocherk. Minsk, Vysshniaia shkola, 1965 320 p.

NAMES, PERSONAL—HINDI

Emotional-estimative suffixes of personal names in Hindi. V. A. Chernyshev. Krat. soob. Biol. nar. Az. no. 8 161-16 '64.

NAPHTHALENE

Certain regularities in the electronic-vibrational spectra of substituted aromatic hydrocarbons. Part 1. A. I. Lutskaia, I. A. Antipova. Zhur. fiz. khim. 30 no. 1 898-906 Ap '66.

Conformational analysis of naphthalene, acenaphthene, and of some of their derivatives. V. G. Danbovskii. Zhur. strukt. khim. 7 no. 1 93-102 Ja-F '66.

Dehydrogenation of decalin and tetralin in the presence of activated coals. N. I. Shulkin, T. I. Naryshkina, Z. A. Rashchupkina. Notekhnika 6 no. 1 22-26 Ja-F '66.

NAPHTHOIC ACID

Reduction of naphtholcarboxylic acids. Part 10: Synthesis of 1, 3-tetraloncarboxylic acid and its enol acetate. N. S. Arsenko, N. M. Prizhailovskaya, V. N. Belov. Zhur. org. khim. 2 no. 2 322-324 F '66.

NAPHTHOQUINONE

Study of 1, 4-naphthoquinone. Part 1: Some 2, 3-derivatives of 1, 4-naphthoquinone. B. G. Boldyrev, V. T. Kotosnikov. Zhur. ob. khim. 30 no. 4 634-637 Ap '66.

NARCOTICS

Use of the crystallo-optic method in the study of synthetic substitutes for cocaine, morphine, and atropine. V. I. Pozdniakova. Farmats. zhur. 19 no. 3 13-16 '64

NATIONAL SELF-DETERMINATION see Self-determination, National

NATIONALISM

Moscow. Znuchina vysshniaia partitinaia shkola. [International communist, workers' and national liberation movements: a study and methodological manual] Mezhdunarodnoe kommunisticheskoe, rabochee i natsional'no-osvoboditel'noe dvizhenie; uchebno-metodicheskoe posobie. Moskva, Mysl'. No. 1. [Aleksandrov, V. V., and Z. A. Zamyatova. Second half of the 18th century to 1939] Vtoraiia polovina XVII v. - 1939 g. [Izd. 2.] 1965 160 p.

NATIONALITIES

(see also subdivision under Siberia, Eastern; Tatar A.S.S.R.)

A conference on the problems of internationalism. M. S. P. II. Ukr. ist. zhur. 10 no. 4 163-164 Ap '66.

NATIONALITIES (Continued)

Mutual enrichment and cultural amalgamation of socialist nations. N. S. Koznetsov. Trudy VSI no. 1-38-56 '62.

The role of technological progress in the development of socialist nationalities in the U.S.S.R. M. N. Rosenko. Vest. LGU 21 no. 5, 83-84 '66.

A united, great, and mighty family. Akhed Agayev. Kommunist 43 no. 6 61-71 Ap '66.

V. I. Lenin's efforts to develop the ideas of proletarian internationalism. O. P. Tsvetanova-Kyl. Ukr. ist. zhur. 10 no. 1 30-40 Ap '66.

Ways of the amalgamation of socialist nations in the U.S.S.R. A. P. Mashkov. Uch. zap. kaf. obshchestv. nauk. Kazg. LCU no. 7 135-146 '65.

NATKEVICAITĖ-IVANAUSKIENE, MARJA, 1905-Maria Naikveicaitė-Ivanauskienė, on her 60th birthday. I. Dagys. Bol. zhur. 51 no. 3, 454-457 Mr '66.

NATURAL GAS see Gas, Natural

NATURAL HISTORY—STUDY AND TEACHING

Development of cognitive interest in nature. L. I. Grekhova. Nach. shkola 34 no. 4, 19-22 Ap '66.

NATURAL MONUMENTS see subdivision under Crimean

NATURAL RESOURCES

Ferrous Lectures. Vest. AN SSSR 30 no. 3, 192 Mr '66, Moscow, Akademiya obshchestvennykh nauk. [Natural resources and the effectiveness of their utilization] Prirodnye resursy i effektivnost' ikh ispol'zovaniya. Moskva, Mysl', 1966, 246 p.

NATURAL RESOURCES—RESEARCH

Fiftieth anniversary of studying the productive forces of the U.S.S.R. G. D. Kuzochkin. Priroda 55 no. 4 81-86 '66.

NAVAL ARCHITECTURE

Lugovskii, V. V. [Nonlinear problems of the seaworthiness of a ship] Nelineinye zadachi morekhodnosti korablia. Leningrad, Sudostroenie, 1966, 234 p.

Strength of multilayer superstructures. G. V. Roltsov. Sudostroenie 30 no. 6 7-8 Je '64.

NAVAL ARCHITECTURE—BIBLIOGRAPHY see Bibliography—Naval architecture

NAVAL ARCHITECTURE—CONGRESSES

Scientific technological conference at the Leningrad Shipbuilding Institute. Sudostroenie 30 no. 4, 73 Ap '64.

NAVAL ARCHITECTURE—DESIGNS AND PLANS

Instrument for ruling plotting paper used for theoretical drawings of ships. K. B. Malinin. Sudostroenie 30 no. 6 60-61 Je '64.

NAVAL ARCHITECTURE—TABLES, CALCULATIONS, ETC.

Scale for the solution of the equation of weights. B. N. Volkov. Sudostroenie 30 no. 4, 16 Ap '64.

NAVAL ART AND SCIENCE

Theory of naval art and the modern navy. Mor. sbor. 47 no. 2, 11-47 F '64.

NAVAL DISCIPLINE

On patrol. V. Ilin. Mor. komm. no. 2, 14-17 '66.

NAVAL EDUCATION

At the Arctic frontier. V. Vukolov. Ty i sunb. Sov. Vost. Sil 20 no. 3, 6-11 Mr '66.

Constantly struggle against conventions and oversimplifications. V. G. Geymnovich. Mor. sbor. 47 no. 2: 63-67 F '64.

The first miles. P. Lavrent'ev. Voen. znan. 42 no. 4: 10-11 Ap '66.

NAVAL MEDICINE see Medicine, Naval

NAVAL MUSEUMS see subdivision under Yaroslavl'-Zaleskiy region (Yaroslavl Province)

NAVIES see subdivision 'Navies' under Russia

NAVIGATION

Analytical plotting of the trajectory of a navigated ship passing several ships moving in the opposite direction. V. N. Igolkin. Trudy TSNIIMF 8 no. 5, 15-21 '63.

NAVIGATION—BIBLIOGRAPHY see Bibliography—Navigation

NAVIGATION (AERONAUTICS)

Reliability of air navigation. G. F. Molokanov. Mor. sbor. 47 no. 2, 47-55 F '64.

NAZAROV, SERGEI TIKHONOVICH, 1904-1965

Sergei Tikhonovich Nazarov; obituary. Zav. lab. 31 no. 7, 911 '65.

NAZIROVA, EL'MIRA, 1928-

Mamedbekov, D. I. [Piano concert on Arab themes by F. Amirov and E. Nazirova] Fortep'annyi konsert na arabskie temy F. Amirova i E. Nazirov. Baku, Azerneshr, 1964, 48 p. (Simfonicheskiy proizvedeniya Azerbaidzhanских kompozitorov)

NEAR EAST

Scientific conference in Kishinev. R. I. Enchelhardt, M. I. Volodarskiy. Ukr. ist. zhur. 8 no. 1 153-154 '64.

NEAR EAST—POLITICS

Great Britain's Policy in the Middle East. V. Mirov. Nov. vsem. 23 no. 22, 10 My '66.

Kozhanov, V. E. [The role of Turkey in international relations in the Near East after the Second World War; a textbook for students of the Rostov Higher Party School] Rol' Turtsii v mezhdunarodnykh otnosheniakh na Blizhnem i Srednem Vostoke posle Vtoroi mirovoi volny, uchebnoe posobie dlia studentov RVPSi. Rostov-na-Donu, Vysshaya partiinaya shkola, 1965, 58 p.

NEBULAE

Brightness distribution in the Crab nebula on meter wavelengths. L. I. Matveenko, V. S. Artukh. Astron. zhur. 43 no. 2, 275-279 Mr-Apr '66.

NECK—DISEASES

Cervical osteochondrosis and its clinical manifestations. V. V. Shatobolt. Voen.-med. zhur. no. 3, 73-75 Mr '66.

Treatment of cervical osteochondrosis with traction outpatient conditions. Preliminary report. I. Z. Marchenko. Sov. med. 29 no. 3, 110-122 Mr '66.

NECTARIES

Origin of nectaries in vine crops (Cucurbitaceae Juss.) E. N. Nemirovich-Danchenko. Bot. zhur. 51 no. 3 431-435 Mr '66.

NEGROES

George Times, born in Ohio. B. L'vov. Sov. profsoyuz 22 no. 8 31-32 Ap '66.

NEMATODA

Black Sea mollusks in the life cycle of the nematode Gonitracum aduncum (Rad., 1803). A. V. Dolgikh. Zool. zhur. 15 no. 3, 454-455 '66.

Description of Selnura variobulbosa sp. n. (Nematoda, Aphelenchoididae). M. M. Khak. Zool. zhur. 45 no. 2: 203-205 '66.

Genus Pratylenchus Filipjev, 1931 (Nematoda, Pratylenchinae Thorne, 1940). M. M. Khak. Zool. zhur. 45 no. 3, 342-344 '66.

NEMCHINOV, VASILII SERGEEVICH, 1894-1965

Aleksandrian Vasilii Sergeevich Nemchinov; an obituary. G. M. Loza, B. E. Chember. Vest. sel'khoz. nauk 10 no. 3, 157-158 Mr '66.

NENETS NATIONAL AREA—FIRES AND FIRE PREVENTION

Far beyond the Arctic Circle. L. Nosov. Pozh. delo no. 3, 19 Mr '66.

NEODYMIUM—SPECTRA

Electron paramagnetic resonance of Nd³⁺ in YK(MoO₄)₂. L. D. Livanova. Zhur. strukt. khim. 7 no. 1, 108-109 Ja-F '66.

Electron paramagnetic resonance of neodymium in scheelite structures: BaMoO₄. A. A. Antipin and others. Zhur. strukt. khim. 7 no. 1, 110-111 Ja-F '66.

NEODYMIUM COMPOUNDS

X-ray structural investigation of neodymium nitrate trihydrate. K. F. Bolina and others. Zhur. strukt. khim. 7 no. 1, 130-131 Ja-F '66.

NEODYMIUM HYDROXIDE—OPTICAL PROPERTIES

Optical properties of rare-earth oxides. Part 4: Polymorphic study of neodymium acetate and hydroxide. S. S. Batsanov, G. N. Kusova. Zhur. strukt. khim. 7 no. 1, 122-123 Ja-F '66.

NEODYMIUM SELENIDE—SPECTRA

Spectra of Nd₂Se₃ powder in a reflected light. D. S. Mukhamedova, E. I. Larembash. Izv. AN SSSR. Neorg. mat. 2 no. 3, 437-439 Mr '66.

NEOPRENE

Effect of the magnitude of the static deformation on the dynamic fatigue strength of neoprene. I. T. Gidarov, S. F. Priakhina. Kauch. i rez. 24 no. 3, 36-39 Mr '65.

NEOSTIGMINE—PHYSIOLOGICAL EFFECT

Correlation of the changes in the function of the adrenal cortex with the blood and brain cholinesterase activity under the effect of prostiglin. E. V. Naumenko and others. Blud. eksp. biol. i med. 61 no. 3, 64-68 Mr '66.

NEPAL—SOCIAL LIFE AND CUSTOMS

Customs of mountain tribes (conclusion). John Morris. Ar. i Afr. vop. 9 no. 5 51-56 My '66.

NEPHELITE see subdivision under Altai Mountains; Azov Sea region, Lovozero Tundra, Sayan Mountains

NEPHELOMETERS

Basic result of delivery tests of the M-71 nephelometric backward-scatter apparatus. M. A. Gol'berg. Trudy NIIGMP no. 13 12-36 '65.

The M-71 nephelometric backward-scatter apparatus for measuring the meteorological limit of visibility in the dark time of the day. L. L. Dashkevich, M. A. Gol'berg, A. M. Mikhailova. Trudy NIIGMP no. 13 3-17 '65.

Theory of the nephelometric backward-scatter apparatus. M. A. Gol'berg. Trudy NIIGMP no. 13 18-31 '65.

NEPHELOMETRIC ANALYSIS

Phototurbidimetric determination of small amounts of calcium. N. D. Podolob, E. A. Malyskikh. Zhur. anal. khim. 21 no. 3 269-271 '66.

NERVES

Adenosinetrifosphatase activity of nerves during regeneration. O. M. Rozhmanova, A. V. Palladin. Ukr. biokhim. zhur. 38 no. 2 117-122 '66.

Effect of calcium ions on electrotonic changes in the critical level of depolarization and action potential of a single Ranvier's node. B. I. Khodorov, V. I. Beliaev. Biofizika 11 no. 2 288-291 '66.

NERVES—TRANSPLANTATION

Implantation of the saphenous nerve and the tibial nerve as a method for the treatment of trophic ulcer of the foot following traumatic lesions of the sciatic nerve. R. Z. Zaitsev. Vop. neirokhir. no. 3 57-58 '65.

NERVES, PERIPHERAL

Effect of electrophoresis and baths of Dzhermuk mineral water on the acetylcholine-cholinesterase system in diseases of the peripheral nervous system. S. A. Mirzolan, R. A. Chilingarian. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 1 20-25 '66.

Some morphological regularities of the innervation of the organs of the abdominal wall, pelvic girdle, and the free section of pelvic extremities in domestic mammals. A. E. Ryzhikh. Uch. zap. KVI 93:30-35 '64.

Structure and function of the peripheral nerves. I. U. K. Mindubaev. Uch. zap. KVI 93:9-14 '64.

Structure of nerve fibers composing the peripheral nerves. I. U. K. Mindubaev. Uch. zap. KVI 93:3-8 '64.

NERVES, SPINAL

Effect of the stimulation of the posterior spinal roots on the size of motoneuron synapses and on the potentials of the anterior roots. I. S. Baranova and others. Fiziol. zhur. 52 no. 4 393-397 Ap '66.

Electrotonic potential of the posterior spinal root in cats in response to tetanic stimulation. T. M. Mamonova. Fiziol. zhur. [Ukr.] 10 no. 6: 757-764 N-D '64.

Lumbosacral plexus and nerves of the pelvic extremity in domestic swine. Report No. 1. A. F. Ryzhikh. Uch. zap. KVI 93:15-21 '64.

Lumbosacral plexus and nerves of the pelvic extremity in domestic swine. Report No. 2. A. F. Ryzhikh. Uch. zap. KVI 93:22-29 '64.

NERVES, SPINAL—DISEASES

Intensified gangliopathy in lumbosacral radiculitis. P. I. Didenko. Vop. kur., fizioter. i lech. fiz. kul't. 30 no. 2, 16-152 Mr-Apr '65.

NERVOUS SYSTEM

Andriyashov, A. N., and T. A. Braksh, eds. [Nutrition and higher nervous activity] Pitanie i vysshaya nervnaya deiatel'nost'. [Leningrad] Meditsina, 1966, 205 p.

Changes in the reactivity due to thermal traumas in dogs with various types of higher nervous activity. A. S. Aladushkin. Uch. zap. KVI 93:236-244 '64.

Correlation between the susceptibility to spasms and the mobility of nervous processes. V. I. Eukin. Zhur. vyz. nerv. deiat. 16 no. 2, 369-371 Mr-Apr '66.

Effect of additional innervation on the regenerative processes following amputation of external organs in mammals. V. P. Kudakov, L. K. Danchenko. Nauch. dokl. vyz. shkoly: biol. nauk no. 2, 37-40 '66.

Effect of aminazine on the function of the flexor dominant. O. V. Vozilova, F. D. Shelkhon. Blud. eksp. biol. i med. 61 no. 3, 20-24 Mr '66.

Effect of helminths on the human central nervous system. M. V. Vorotnikov, R. S. Kitaeva, I. I. Iushkin. Uch. zap. Med. gos. un. no. 47:32-33 '65.

Foreword. Vop. srav. fiziol. anal. no. 2, 3-6 '66.

Khamidullina, A. Kh. [Nervous activity of the nursing infant under normal conditions and in acute toxicosis] Nervnaya deiatel'nost' grudnogo rebenka v norme i pri ostrykh toksikozakh. Moskva, Meditsina, 1966, 236 p. (Biblioteka prakticheskogo vracha) (DILM)

NERVOUS SYSTEM (Continued)

- Lability of neural processes in man. L. M. Kuz'nekh. *Fiziol. zhur. [Ukr.]* 10 no. 6 798-800 N-D '64
- Morphological changes in the nervous system following experimental autotransplantation of an extremity. S. K. Lapin and others. *Arkh. pat.* 28 no. 2 28-33 '65
- Phagocytic reaction of leucocytes as related to the functional state of the central nervous system. L. I. Kostikova. *Uch. zap. KVI* 93:173-178 '64
- Principle of the convergence of analysis in the evolution of animals. P. Sh. Vlasov and others. *Vop. srav. fiziol. anal.* no. 2 7-24 '66
- Some data on the study of typological reactivity in healthy and wounded animals during a moderate artificial hypothermia. Sh. N. Sharipov. *Uch. zap. KVI* 93:185-193 '64
- Some problems of modern neurophysiology and physiotherapy, the problem of interaction of organs in physiotherapy and health resort treatment. M. R. Mogensen. *Vop. kur., fizioter. i lech. fiz. kul't.* 31 no. 1: 14-20 '66
- Some vegetative reactions of cattle to thermal traumas. A. S. Aladyshkin. *Uch. zap. KVI* 93:245-250 '64
- Voronin, L. G. [A course of lectures on the physiology of higher nervous activity] *Kurs lektsii po fiziologii vysshei nervnoi deiatel'nosti*. Moskva, Vysshaya shkola, 1965, 392 p.

NERVOUS SYSTEM—DISEASES

- Changes in the hypothalamic nuclei during the development of nervous dystrophy. S. A. Babayan. *Biul. eksp. biol. i med.* 61 no. 2 102-105 F '65
- Conference of neuropathologists. R. Shakhnovich, N. Prokof'eva. *Sots. obespe.* 41 no. 3 31-33 Mr '65
- Esinovskaya, G. N. [Concise textbook on neuroendocrinology] *Kralkoe posobie po nei roendogenologii*. [Leningrad] Meditsina, 1965, 238 p. (DNLM)
- Excretion of some vitamins by neurological patients treated with the help of respiratory apparatus. A. A. Novakovskaya and others. *Vop. pit.* 25 no. 1:71-75 Ja-F '66
- Mamtsava, V. N., and I. A. Iurkova. [Prevention of nervousness in children] *Prepudrezhdenie detskoi nervnosti*. Moskva, Meditsina, 1965, 27 p. (Nauchno-popularnaya meditsinskaya literatura) (DNLM)
- Therapeutic use of electric sleep in some diseases of the nervous system. Kh. A. Isankov. *Vop. kur., fizioter. i lech. fiz. kul't.* 30 no. 2 173 Mr-Apr '65
- Zenevich, G. V. [Problems of outpatient service for patients with mental and nervous diseases] *Voprosy dispensertzatsii psikhicheskoi i nervnoi bolezni*. [Leningrad] Meditsina, 1966, 223 p. (Biblioteka vracha organizatora) (DNLM)

NERVOUS SYSTEM—ECHINODERMATA

- Temporary connections in starfishes. V. A. Sokolov. *Vop. srav. fiziol. anal.* no. 2:146-163 '66

NERVOUS SYSTEM—FISHES

- Cutaneous (epidermal) adaptation reactions in codfish and plaice as a result of the analytic activity of the brain. A. D. Chumarina. *Vop. srav. fiziol. anal.* no. 2:164-177 '66

NERVOUS SYSTEM—INSECTS

- Ultrastructural changes in the synaptic region of the visual ganglion in insects of varying functional states. O. K. Basurmanova. *Biofizika* 11 no. 2 253-266 '66

NERVOUS SYSTEM—MODELS

- Modeling of nervous systems. E. I. Levi. *Nauch. dokl. vys. shkoly, filos. nauki* 9 no. 2 52-60 '66

NERVOUS SYSTEM—SURGERY

- Combined trichloroethylene anesthesia in neurosurgery: clinical aspects of anesthesia and changes in the vascular tone. E. A. Damiir and others. *Vop. neurokhir.* no. 3 36-41 '65
- Use of trilene in neurosurgery. N. F. Nikolaeva. *Vop. neurokhir.* 30 no. 1:43-45 Ja-F '65

NERVOUS SYSTEM, AUTONOMIC

- Central mechanism of the vegetative changes in the symptom complex of female pathological climacteric. O. F. Makarchenko, V. F. Sosenko-Lubars'ka. *Fiziol. zhur. [Ukr.]* 10 no. 6:749-755 N-D '64
- Karney, A. I., and G. K. Kadyrov. [Reticular formation of the brainstem and vegetative functions] *Bash bein suttunumun torabazeri toremeleri ve vekelativ vezifleri*. Baki, Azerbaycan SSR Elmler Akademiyası nəşriyyatı, 1965, 191 p. [In Azerbaijani]
- "Multistage" sensitive innervation of the internal organs. D. M. Golub. *Dokl. AN BSSR* 10 no. 3 222-224 Mr '66

NERVOUS SYSTEM, AUTONOMIC—DISEASES

- Changes in the reactivity of the vegetative nervous system in children at late dates following X-ray therapy. O. M. Kulishko, T. D. Mirimova. *Sov. med.* 29 no. 4:60-65 Ap '66

NERVOUS SYSTEM, SYMPATHETIC

- Connections between the neurons of the sympathetic ganglion. V. I. Spok. *Biul. eksp. biol. i med.* 61 no. 2 12-17 Mr '66
- Functional unity of cells in the vegetative ganglia. I. V. Tors'ka. *Fiziol. zhur. [Ukr.]* 10 no. 6:800-802 N-D '64
- Heterosynaptic excitation of neurons of the sympathetic ganglion. V. I. Spok. *Fiziol. zhur.* 52 no. 4 355-359 Ap '66
- Mechanism of the effect of the sympathetic nervous system on cytopoiesis. V. L. Taitalovskii. *Fiziol. i leksp. kur.* 10 no. 1:73-74 Ja-F '66

NERVOUS SYSTEM, VASOMOTOR

- Effect of repeated irritation of the sympathetic chain on the vasomotor reactions in the vessels of extremities under hypothermia. I. M. Rodionov. *Vest. Mosk. un.* Ser. 6 *Biol. i med.* 21 no. 1-17 H Ja-F '66

NETHERLANDS—DRAINAGE

- Subsurface drainage in the Netherlands. V. N. Gorinskii. *Zemledelie* 28 no. 3 76-78 Mr '69

NETHERLANDS—GAS, NATURAL

- Natural gas in the Netherlands. T. A. Drazdova. *Gaz. delo* no. 3 33-41 '65

NETHERLANDS—GRASSES—FERTILIZERS AND MANURES

- Meadows of Holland in connection with the effect of nitrogen fertilizers on meadow vegetation. T. A. Rabotnov. *Sot. zhur.* 51 no. 3 458-462 Mr '60

NETHERLANDS—TANK VESSELS

- The tankers "Esso Deutschland" and "Esso Don Haag." V. M. Vekler. *Sudostroenie* 30 no. 4:59-61 Ap '64

NETS (MATHEMATICS)

- Multipolar transportation networks. V. A. Evstigneev. *Disk. anal.* no. 4:26-36 '65
- Nets on n-dimensional surfaces in projective space. V. T. Bozylev. *Izv. vys. ucheb. zav. imat.* no. 3:9-10 '66

NEUROCHEMISTRY

- Formation of free radicals in the nerve fiber in the course of stimulation. O. R. Kol's, I. M. Limanenko, B. N. Tarasov. *Dokl. AN SSSR* 107 no. 4 956-957 Ap '66
- Nucleic acid and protein content in the gill cells of the superior cervical sympathetic ganglion following its excitation. L. Z. Pevzner. *Ukr. biokhim. zhur.* 38 no. 2:123-127 '66

NEUROENDOCRINOLOGY

- Gorkiy, G. R. *Kovskii meditsinskii institut*. [Some mechanisms of visceral disorders in thyrotoxicosis; material for discussions at the 8th scientific conference of the Gorkiy Medical Institute on problems of neuroendocrine pathology] *Nekotorye mekhanizmy visseral'nykh narushenii pri tirotoksikoze, material k obsuzhdeniiu na VIII nauchnom konferentsii Gor'kovskogo meditsinskogo instituta po voprosam neuroendokrinologii*. Gor'ki, 1965, 45 p. (DNLM)

NEUROFIBROMATOSIS

- Neurofibromatosis with malignant degeneration. F. G. Uglov, V. N. Zubitsovskii. *Sov. med.* 29 no. 4:43-46 Ap '66

NEUROGLIA

- Characteristics of focal manifestations on the EEG in advanced gliomas of the brain. T. O. Faller, A. A. Sokolova. *Vop. neurokhir.* no. 3:14-18 '65
- Current state of the problem of tumors originating from the ependyma and the subependymal glia. B. V. Khominskii. *Vop. neurokhir.* no. 3:1-5 '65

NEUROLOGY

- Comparison of hemodynamic indices with the neurologic and ophthalmoscopic symptomatology of coarctation of the aorta. V. B. Gel'fand and others. *Grud. khir.* 8 no. 1:41-47 Ja-F '66

NEUROPSYCHOPHARMACOLOGY

- Effect of some neurotropic substances on the absorption of glucose from the gastrointestinal tract. V. R. Fal'tenberg-Blank. *Farm. i tova.* 28 no. 4:449-450 Ji-Ag '65
- Some data on the morphological and chemical changes in the blood of animals after the injection of a mixture of adrenaline, novocaine, and ethyl alcohol solutions into the cerebrospinal fluid. V. G. Bushkov, D. F. Danilov. *Uch. zap. KVI* 92:110-124 '64
- Use of chronometry in studying the effect produced on the vegetative centers of the brain by a mixture of adrenaline, novocaine, and ethyl alcohol solutions injected into the cerebrospinal fluid through a suboccipital puncture. B. G. Bushkov, A. S. Aladyshkin. *Uch. zap. KVI* 92:125-131 '64

NEUROSECRETION

- Effect of physical training on neurohumoral changes and protein metabolism. V. Romanovskii and others. *Fiziol. zhur.* 52 no. 4:415-419 Ap '60
- Histopathology of neurosecretory nuclei in different developmental types of schizophrenia. T. L. Goltsev. *Vest. AMN SSSR* 21 no. 3 37-44 '66
- Neurosecretory ingredient in the differentiation of hypophysial basophils. A. A. Volkovich. *Biul. eksp. biol. i med.* 61 no. 2 92-96 1 '66

NEUROSES

- Methodology of generating neuroses in African rhesus under experimental conditions. A. T. Sysoeva, V. G. Solova, N. G. Puzikov. *Zhur. vys. neur. dolat.* 16 no. 2:379-382 Mr-Apr '66

NEUTRAL RED

- Sorption capacity of tissues for neutral red. A. A. Kromin. *Shoi. stud. nauch. rab. Arkh. gos. med. in. A.* no. 2:6-7 '63

NEUTRINOS

- Direct production of lepton pairs by a neutrino beam in the electromagnetic field of a nucleus. M. S. Mironov and others. *IAd. fiz.* 3 no. 4:676-686 Ap '66
- Free neutrinos in the universe and the CP-parity problem in K^0 -meson decay. V. V. Vindimskii. *IAd. fiz.* 3 no. 1 701-703 Ap '66
- Inelastic processes in neutrino interaction with nucleons, and unitary symmetry. M. P. Rokalo. *Ukr. fiz. zhur.* 11 no. 4 351-358 Ap '66

NEUTRON DIFFRACTION CRYSTALLOGRAPHY

- Neutronographic study of a polycrystalline nitrobenzene. S. M. Asat'khanisov, IU. I. Konnov, IU. IA. Konakovich. *Fiz. mel. i metalloved.* 21 no. 3:384-387 Mr '66

NEUTRON SOURCES

- Use of neutron detectors and generators in neutron activation analysis. D. I. Leipunskii. *Zav. lab.* 31 no. 6 699-699 '65

NEUTRON SPECTROMETRY

- Flaw detection in thick heavy metals with the help of fast neutrons. V. I. Gorbanov, G. Sh. Pekarskii. *Defektskopika* 2 no. 1:35-39 '66

NEUTRONS

- Multiplicity of neutron production in (n, n) reactions. I. B. Bobodzhonov, A. A. Dzhamov, N. Kh. Azizkhov. *Dokl. AN Tadjik. SSR* 9 no. 3:12-14 '66
- Neutron polarization in the $C^{12}(n, n)^{12}C$ reaction at $E_n = 0$ at $E_n = 6$ Mev. N. P. Babenko, B. A. Bakhleva, IU. A. Nemilov. *IAd. fiz.* 3 no. 4:663-666 Ap '66
- Penetration of high-energy neutrons through a heavy concrete shielding. B. S. Sychev and others. *Atom. energ.* 20 no. 4:355-356 Ap '66
- Penetration of high-energy neutrons through iron-water mixtures. B. S. Sychev and others. *Atom. energ.* 20 no. 4:323-327 Ap '66
- Total cross sections of the isotope Et^{102} for slow neutrons. M. F. Vlasov and others. *Ukr. fiz. zhur.* 11 no. 4:219-244 Mr '66

NEUTRONS—EFFECT ON PLANTS see Plants, Effect of neutrons on

NEUTRONS—PHYSIOLOGICAL EFFECT

- Distribution of the absorbed dose of fast neutrons in a heterogeneous phantom. IU. I. Bageadze, B. M. Isaev. *Radiobiologiya* 6 no. 2:700-711 '66
- Effect of neutron irradiation on the processes of human metabolism. L. S. Chernikova and others. *Radiobiologiya* 6 no. 2:710-714 '66

NEUTRONS—SCATTERING

- Elastic and inelastic neutron scattering by molecules. G. K. Ivanov. *Zhur. eksp. i teo. fiz.* 50 no. 3:726-737 Mr '66

NEUTRONS—SPECTRA

- Mean neutron spectra in double and triple fission of ^{235}U by thermal neutrons. V. N. Nefedov and others. *Atom. energ.* 20 no. 4:342 Ap '66

NEVA RIVER—TEMPERATURE

- Some characteristics of the thermal regime of the Neva River according to data of the mechanized processing of observations. I. V. Nekrasova. *Trudy GGI* no. 131:60-71 '66

NEVSKII, VLADIMIR IVANOVICH, 1876-1937

- Vladimir Ivanovich Nevskii on the 90th anniversary of his birth. A. I. Vasil'ev. *Vop. ist. KPSS* 10 no. 5:160-168, My '66

NEW PRODUCTS

- Classification of potentialities and determining time necessary for the mastering of production. V. P. Pandakov. *Izv. SO AN SSSR* no. 1, Ser. obshchestv. nauk no. 1:37-44 '66

NEW PRODUCTS (Continued)

Economic problems of the mastering of new production
K. I. Nikolaev, Izv. SO AN SSSR, no. 1 Ser. obshchestv.
nauk, no. 1, 15-52 '66

NEWSPAPER AND PERIODICAL CIRCULATION

The first interview, Mol. tomim, no. 2, 27 '66

NEWSPAPERS see subdivision under Germany, West

NEWSPAPERS—CATALOGS

Russia (1923- U.S.S.R.) Glavnoe upravlenie po
razmeshchamenu period. [Catalog of foreign news-
papers and periodicals for 1993] Katalog razmeshchaynykh
gazet i zhurnalov na 1993 god. Moskva, 1992. 352 p.

NIBUFIN

Change of dog and sheep electrocardiograms under the
effect of nibufin G. A. Kashafudinov, Uch. zap. KV, 92, 213-219 '64

Comparative study of the action of armin and nibufin
on the general condition and cholinesterase activity
of blood plasma. G. A. Kashafudinov, Uch. zap. KV, 92, 205-209 '64.

NICKEL

Effect of nickel impurity on the electrodeposition of
zinc from acid sulfate solutions G. N. Znamenskii,
B. N. Iezikovsky, Zhur. prikl. khim., 38 no. 2, 361-365
F '65

Forms of nickel migration in natural waters. I. U. Bu-
gail'skii, L. S. Simlanskaya, Korn. vyvetr., no. 7, 148-
155 '63.

Methods for evaluating the nickel potential in the massifs
of basic and ultrabasic rocks. T. I. Nuupponen, Geo-
khimika no. 1, 126-131 Ja '66

NICKEL—TESTING

Exposure of the fine structure of nickel following tests for
stress-rupture strength. I. L. Minkin, I. A. Rybakova,
Zhur. fiz. 99 no. 1-456 '65

NICKEL ALLOYS—SPECTRA

Study on X-ray spectra of nickel and silicon in their
alloys. R. D. Bartosevich, N. D. Savchenko, V. P.
Tsvetkov, Ukr. fiz. zhur., 11 no. 4, 424-429 Ap '65.

NICKEL-ALUMINUM ALLOYS—THERMAL PROPERTIES

Determining the thermodynamic activity of aluminum in
Ni-Al and Ni-Al-C alloys by the electromotive force
method. V. I. Malkin, V. V. Pokidyshev, Izv. AN SSSR,
Met., no. 2, 166-173 M. Ap '66

NICKEL CATALYSTS

Nickel catalyst on activated gummi in the hydrogenolysis
of cyclopentene and methylcyclopentane. E. M. Benashvi-
li, Kh. i. A. enklidz, Tudy inst. khim. AN Gruz. SSR,
17, 217-221 '64.

Znaka aluminosilikata as a bearing of nickel catalysts in
hydrogenation and dehydrogenation reactions. A. V.
Kikvidze, Tudy inst. khim. AN Gruz. SSR, 17, 229-230
'63

NICKEL-CHROMIUM-ALUMINUM ALLOYS—METAL- LOGRAPHY

Isolating the Ni₃Al intermetallic phase from a Ni-Cr-Al
alloy. R. B. Golubtsova, Izv. AN SSSR, Met., no. 2,
174-176 M. Ap '66.

NICKEL-CHROMIUM-IRON ALLOYS—METALLOGRAPHY

Intermediate transformation of austenite in white
chromium-nickel cast iron. A. F. Krivosheev, I. U. N.
Taras, I. U. K. Bunina, Metalloved. i term. obr. met.,
no. 4, 52-57 Ap '68

NICKEL FERRITES

Production of nickel ferrite by melting in the ultrasonic
field. A. S. Bityayev, V. N. Kiylov, Zhur. prikl. khim.,
79 no. 3, 696-698 M. '65

NICKEL HYDROXIDES

Thermal decomposition of coprecipitated nickel and iron
hydroxides. G. I. Tarasovskaya, V. V. Syridov, Vest.
AN BSSR, Ser. khim. nav., no. 4, 108-111 '65.

NICKEL INDUSTRY see subdivision under Vorkhity Ufa (Chelyabinsk Province)

NICKEL-IRON ALLOYS see Iron-nickel alloys

NICKEL-IRON-CHROMIUM ALLOYS—METALLOGRAPHY

Neutronographic study of a polycrystalline chromium alloy.
S. M. Astrakhanov, I. U. I. Komov, I. U. I. Konakhovich,
Fiz. met. i metalloved., 21 no. 3, 384-387 Mr '66.

NICKEL-PALLADIUM ALLOYS

Longitudinal thermomagnetic effect in alloys of the
nickel-palladium system. S. Izailov, Izv. AN Turk.
SSR, Ser. fiz.-tekh., khim. i geol. nauk, no. 2, 22-26
'66.

NICOTINAMIDE

Effect of glucocorticosteroids on the concentration of
nicotinamide dehydrogenase and nicotinamide phosphate
dehydrogenase in cellular fractions of the liver and
kidneys in rabbits. B. P. Golovin, Vop. med. khim.,
12 no. 2, 182-186 Mr-Ap '65.

NICOTINE

Participation of nicotine in nitrogen metabolism of
Nicotiana glauca L. G. S. Il'in, M. A. Lovkova, Bio-
khimika 31 no. 1, 174-181 Ja-F '66.

Some differences in the effect of anticholinergic
compounds on the sensitivity of mice and rabbits to
nicotine and atropine. A. I. Dikova and others, Dokl.
AN SSSR, 167 no. 5, 1107-1109 Ap '66

NICOTINIC ACID

Effect of citric and nicotinic acids on the incorporation
of ¹⁴C-labeled acetate into total lipids and cholesterol of
the rat liver. R. V. Chugovets, S. I. Shushevich, A. G.
Khalimov, Vop. pit., 25 no. 2, 21-29 M. Ap '66.

Effect of starvation and excessive use of nicotinic acid
on the inclusion of radioactive acetate into cholesterol of
the rat liver and blood serum. S. I. Shushevich,
R. V. Chugovets, Ukr. biohim. zhur., 38 no. 2, 176-
181 '66.

Secretory activity of the alimentary canal in dogs with
a nicotinic acid deficiency. M. F. Nestern, S. I. A.
Mikhlin, Vop. pit., 23 no. 3, 53-55 M. Ja '64

NIGERIA—POLITICS AND GOVERNMENT

Socialism wins. Taji Otogbey, Afr. seg., 6 no. 3,
5-6 My '66.

NIGHTSHADE

(see also subdivision under Alma-Ata)

Comparative microscopic analysis of the stalks of some
medicinal plants of the Solanum family. O. I. Dachyshyn,
Farmatsev. zhur., 19 no. 3, 26-31 '64.

Cultivation of the nightshade Solanum laciniatum Ait. for
seed production by root planting. D. I. Nosov, Apt. delo
13 no. 6, 66-67 N-D '64.

New form of nightshade with a high sotalidine content in
the total glycoalkaloids. I. I. Gerasimenko, V. I. Mu-
rtyeva, Apt. delo 13 no. 6, 62-65 N-D '64.

NIKOPOL' REGION (UKRAINE)—MANGANESE MINES AND MINING

Phosphorus in the manganese ores of the Nikopol'
Manganese Basin. I. A. I. Fornia, Gor. zhur., no. 4, 70-
74 Ap '65.

NIOBATES

Preparation and some properties of potassium salts of
heteronitrides containing elements of the iron, copper,
and cerium group. A. V. Lapitskii, V. I. Bezrukov,
L. G. Vlasov, Zhur. neorg. khim., 11 no. 2, 312-315
F '66.

NIOBIUM

Separation of niobium and lanthanum in hydrofluoric acid
solutions by means of anionites EDE-10F and AN-2F.
V. S. Pakholkov, I. E. Makalimov, Zhur. prikl. khim., 39
no. 3, 507-511 Mr '65

NIOBIUM—ANALYSIS

Spectral analysis of niobium. E. P. Balenko, E. V. Iafshits,
Zav. lab., 31 no. 6, 690-692 '65

NIOBIUM-ANTIMONY ALLOYS—METALLOGRAPHY

Constitutional diagram of the system niobium - antimony.
L. F. Myzenkova, V. V. Davon, E. M. Savitskii, Izv. AN
SSSR, Met., no. 2, 163-165 M. Ap '66.

NIOBIUM-IRON ALLOYS see Iron-niobium alloys

NIOBIUM OXIDES

Thermodynamic study of the evaporation of lower niobium
oxides. S. A. Shchukarev, G. A. Semenov, K. E. Frantsova,
Zhur. neorg. khim., 11 no. 2, 233-236 F '66.

NIOBIUM-RUTHENIUM-TANTALUM ALLOYS

Interaction between the compounds NbRu and TaRu. L. A.
Panteleimonov, O. P. Nesterova, Vest. Mosk. un. Ser. 2,
Khim., 21 no. 1, 43-15 Ja-F '66.

NIOBIUM SALTS

Niobium and tantalum polyions in sulfuric acid solutions.
G. I. Grigolina, Zhur. neorg. khim., 11 no. 2, 300-304
F '66.

NIOBIUM-TANTALUM-RUTHENIUM ALLOYS see Tantalum-niobium-ruthenium alloys

NIOBIUM-VANADIUM-CHROMIUM ALLOYS—ELASTIC PROPERTIES

Elastic properties of alloys in the system niobium -
vanadium - chromium. I. M. Nedukha, V. G. Chornyy,
Dop. AN URSR, no. 3, 352-354 '66.

NIOBIUM-ZIRCONIUM ALLOYS see Zirconium- niobium alloys

NIOBIUM-ZIRCONIUM-TANTALUM ALLOYS—META- LOGRAPHY

Effect of microheterogeneity on the superconductive
characteristics of the Nb-Zr-Ta alloy. R. S. Shmulevich
and others, Fiz. met. i metalloved., 21 no. 3, 379-383
Mr '66.

NIPETSINO (MOSCOW PROVINCE)—COLLECTIVE FARMS—PENSIONS

For a good life. V. Leont'ev, Sols obshch., 11 no. 4, 22-24
Ap '66

NITRATES

Raman spectra of melts of binary systems of the nitrates
LiNO₃, RbNO₃, CsNO₃, NH₄NO₃, TlNO₃, and AgNO₃
with NaNO₃ and KNO₃. M. A. Ponomarev, I. V. Radchen-
ko, Ukr. fiz. zhur., 11 no. 3, 317-320 M. '66

NITRATES—EFFECT ON PLANTS see Plants, Effect of nitrates on

NITRIC ACID

Comparative study of the oxidizing capacity of nitric acid,
sodium nitrate, and sodium nitrite solutions. I. I. Mura-
shkina, G. A. Tsyganov, Urb. khim. zhur., 9 no. 3, 20-
23 '65.

NITRIDES

Determination of nitrogen in a solid solution and the
diffraction analysis of nitrides in chrome steel. I. U. A.
Kliachko, L. I. Levi, O. M. Borisova, Zav. lab., 32
no. 3, 273-275 '66.

NITRILES

New method of introducing aldehyde groups into polymer
macromolecules containing nitrile groups. N. F. Kou-
nova and others, Vysokom. soed., 8 no. 3, 422-426 Mr
'66.

1,3-bipolar addition to unsaturated compounds. Part 12:
Addition of N-oxides of nitriles and nitrile amines to
1,2- and 2,3-dichloro-1,3-butadienes. V. N. Chistokletov,
V. O. Babian, Zhur. org. khim., 2 no. 2, 201-206 F '66

NITRITES

Quantitative determination of isonicotinic acid derivatives
by means of the nitrimetric method using an inside in-
dicator. V. I. A. Zadyraka, N. V. Kurlina, Farmatsev.
zhur., 19 no. 3, 66-69 '64.

NITRO COMPOUNDS

Action of acid agents on quinone nitroils. V. V. Ershov,
G. A. Zlobina, Zhur. org. khim., 2 no. 2, 298-301 F
'66.

Nature of the mutual influence of atoms and groups in
the products of bromination of a series of unsaturated
nitro compounds. I. A. S. Bobovich, V. V. Perekalin, A. S.
Sopova, Zhur. strukt. khim., 7 no. 1, 48-53 Ja-F '66.

Particular features of halogenation of silver salts of some
nitrocarboxylic acids. A. I. Shreibert, Zhur. org. khim.,
2 no. 2, 219-220 F '66

Relationship between the induction effect and values of
dissociation constants in the gem-dinitro compound
series. V. I. Sloveskii and others, Izv. AN SSSR, Ser.
khim., no. 1, 655-658 '66

Synthesis and some chemical transformations of nitro-
and nitrazadecarboxylic acids. S. S. Novikov and others,
Izv. AN SSSR, Ser. khim., no. 4, 753-755 '66

NITROGEN

Absorption of nitrogen on silica gel modified by dibutyl
phthalate presorption. G. A. Bugina, V. V. Serpinskii,
Izv. AN SSSR, Ser. khim., no. 4, 733-734 '66

Determination of nitrogen in a solid solution and the
diffraction analysis of nitrides in chrome steel. I. U. A.
Kliachko, L. I. Levi, O. M. Borisova, Zav. lab., 32
no. 3, 273-275 '66.

Fire caused by a gasholder. A. Dzhazarian, Pozh. delo
no. 11, 21 N '65.

Nucleic acids and nitrogen-containing compounds in corn
plants. I. V. Matoshko, Vest. AN BSSR, Ser. biol. nav.,
no. 1, 130-132 '66.

Use of selective chromatography in the analysis of nitro-
gen-containing organic bases. L. I. Rapoport, O. M.
Koban, Farmatsev. zhur., 19 no. 6, 30-34 '64

NITROGEN—EFFECT ON PLANTS see Plants, Effect of nitrogen on

NITROGEN—FIKATION

Atmospheric nitrogen fixation by some species of blue-
green algae, isolated from the rice fields of Central
Asia. O. G. Voropaeva, Urb. biol. zhur., 10 no. 1, 62-65
'66.

NITROGEN COMPOUNDS

Phosphorus and nitrogen compounds in sugar beet
seedlings in relation to fertilizers. V. I. Morary,
Effek. udob. v sel. Mold., no. 4, 66-70 '65.

NITROGEN FERTILIZERS

(see also subdivision under Bashkiria; Moldavia)
Effect of the admixtures of trace elements, fertilizers on
the physicochemical properties of liquid nitrogen car-
bonate fertilizers. S. N. Ganz, Zhur. prikl. khim., 38
no. 2, 263-266 F '66.

Importance of nitrogen in the fertilizing system for
winter wheat in Chelozovsk. V. G. Mineev, I. A.
Kallazin, Agrokhimika no. 4, 21-25 Ap '66.

Study of the physicochemical properties of nitrogen-car-
bonate fertilizers. S. N. Ganz and others, Zhur. prikl.
khim., 38 no. 2, 257-263 F '65.

Utilization of nitrogen by tea plants and the yield of tea as
related to the placement of the various forms of nitrogen
fertilizers. M. K. Akhundov, Agrokhimika no. 4, 26-28
Ap '66.

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NURSES AND NURSING—COMPETITIONS

The judges will be: L. Dmitriyeva, Voen. znan 42 no. 5 20 My '66.

NUTRITION

Andrusev, A. N., and T. A. Braksh, eds. [Nutrition and higher nervous activity] *Pitanie i vysshaya nervnaya deyatelnost'*. [Leningrad] Meditsina, 1966. 205 p.

Role of nutrition in the prevention of embryonal pathology, survey of the literature. B. A. Nikituk, M. I. Vyshestinova. Vop. pit. 23 no. 3 6 11 My-Je '66

NUTRITION—CONGRESSES

Report on the first meeting of the section of the Biochemistry of Nutrition of the Moscow Branch of the All-Union Biochemical Society. V. A. Shaternikov. Vop. pit. 23 no. 3 9 31 My-Je '66

NYLON

Morphological characteristics of cross-linked polyamide fibers. T. T. Strashnova, N. V. Mikhailov, V. I. Masburoda. Khim. volok. no. 2 3 31 '66.

NYLON—TESTING

Effect of remolding and aging on the properties of capron. G. N. Gladyshev, Mashinostroitel' no. 5 35-37 My '66.

NYSTAGMUS

Effect of partial extirpation of the cerebral cortex in rabbits on vestibular nystagmus. B. B. Bokhov. Blud. obshch. i med. 61 no. 3 17-19 Mi '66

NYSTATIN

Photo- and thermal inactivation of sodium salt of nystatin. B. G. Helen'kii and others. Antibiotiki 11 no. 2 112-117 F '66.

Use of sodium salts of nystatin in tissue culture. V. O. Kuf'niak and others. Vop. virus. 11 no. 1 100-102 Ia-F '66.

OAK see subdivision under Moldavia; Slavopoli Territory, Voinovich Province

OAK—DISEASES AND PESTS see subdivision under Ukraine

OATS

Effect of growing soil moisture deficiency on the concentration and osmotic pressure of cell sap in the oat. V. M. Starenets'ev, L. R. Kmit'innam. Vestn. AN BSSR. Ser. Biol. nav. no. 1 35-38 '66.

OB' VALLEY—BLACKFLIES

fauna and ecology of blackflies (Diptera, Simuliidae) in the middle Ob' Valley. S. I. Bobrova. Med. paraz. i paraz. bol. 35 no. 1 12-15 Ia-F '66.

OB' VALLEY—RUSSIAN LANGUAGE—DIALECTS

Palagina, V. V., ed. [Dictionary of Russian dialects spoken by old timers inhabiting the central Ob' River basin] *Slovar' russkikh starozhil'cheskikh govorov srednei chasti bassaina r. Obi. Tomsk, Izd-vo Tomskogo univ. Vol. 2. [Zh-O] 1965. 232 p.*

OB' VALLEY—SAND DUNES

Recent aeolian processes in the upper Ob' Valley. N. I. Makhayev, E. I. Sakharova, R. S. Chinlov. Vest. Mosk. un. Ser. 5: Geog. 21 no. 2 40-55 Mr-Apr '66.

OB' VALLEY—WATER SUPPLY

Complex utilization of water resources in the Ob' basin. S. M. Makhamedzhanov. Izv. AN Kazakh. SSR. Ser. geol. 23 no. 2 91-92 Mr-Apr '66.

OCCUPATIONAL DISEASES

Itomni, S. Z. [Occupational hearing disorders] *Professional'naya tugoukhosť*. [Leningrad] Meditsina, 1966. 164 p. (DNLM)

OCEAN CURRENTS

Theory of periodic wind currents in a homogeneous ocean. V. S. Belikov. Izv. AN SSSR. Fiz. atm. i okeana 2 no. 4 414-422 Ap '66.

OCEAN TEMPERATURE—PHYSIOLOGICAL EFFECT

Upper temperature threshold in year-old ood hind pike as related to the adaptation temperature. I. U. V. Tal'bankin. Dokl. AN SSSR 167 no. 5 1159-1161 Ap '66.

OCEAN WAVES

Effect of the sea surface structure on the spatial characteristics of the radio-frequency radiation scattered by it. A. I. Kalnykov. Izv. vys. ucheb. zav., radiofiz. 8 no. 8 117-127 '66.

OCEANOGRAPHY

(see also subdivision under Atlantic Ocean)

Oceanic circulation and Ekman's problem. A. I. Folzenbaum. Dokl. AN SSSR 167 no. 4 807-810 Ap '66.

OCEANOGRAPHY—CONGRESSES

Second International Oceanographic Congress. Piroda 55 no. 4 116-117 '66.

OCTADECENE

Sphingosine and its natural compounds. Part 5: Mechanism of the conversion of the tri-o-nano-1-hydroxy-2-benzamido-3-thio-4-octadecene to erythro-3-o-benzoylsphingosine hydrochloride. A. I. Vainburg, L. A. Vakubova, G. I. Samokhvalov. Zhur. org. khim. 2 no. 2 337-340 Ia-F '66.

ODESSA—BAKERIES

Preparation of dough with liquid intermediate products. S. E. Kofman. Khleb. i kond. prodn. 10 no. 4 35-37 Ap '66

ODESSA—BAKERY EMPLOYEES

The works committee seal. G. Burd. Sov. profsoyuz 22 no. 8 10-20 Ap '66.

ODESSA—INSECTS, INJURIOUS AND BENEFICIAL

Parasitic insects in the nests of the European martin (*Dolichon urbica* L.) in Odessa. I. U. E. Volhanskii. Med. paraz. i paraz. bol. 35 no. 1 118 Ia-F '66.

ODESSA—PLANT QUARANTINE

In the fumigation detachment of Odessa. A. Kravchenko. Zashch. rast. 11 no. 2 49-50 '66.

ODESSA—POISON CONTROL CENTERS

Work of the Odessa Regional Sanitary Epidemiological Station in organizing control of the use of poisonous chemicals in agriculture and their remnants in food products. E. M. Davydova, V. A. Pashkovskaya, N. V. Gerastimova. Vop. pit. 25 no. 1 86-89 Ia-F '66.

ODESSA—RUSSIAN SOCIAL DEMOCRATIC PARTY

An unpublished letter from N. K. Krupskaya to V. V. Volynskii. M. F. Pylashev. Ukr. ist. zhur. 10 no. 4 117 Ap '66.

ODESSA PROVINCE—MEASLES—PREVENTIVE INOCULATION

Data on active immunization against measles in the city of Odessa and in Odessa Province. M. A. Rodol and others. Trudy Len. inst. epid. i mikrobiol. 28 379-384 '65.

ODESSA PROVINCE—WHEAT—FERTILIZERS AND MANURES

Effect of mineral fertilizers on the quality of winter wheat grain in Odessa Province and Krasnodar Territory. B. E. Kravtsova, A. A. Sozinov. Trudy VNIIZ no. 53 125-135 '64.

ODOROUS SUBSTANCES

Synthesis of odorous substances: 3-phenyl-1-butanol ethers. R. M. Lagidze, M. Ramishvili. Trudy inst. khim. AN Gruz. SSR 17 175-180 '61

Synthesis of odorous substances: 3-phenyl-1-butanol esters. R. M. Lagidze, M. A. Ramishvili. Trudy inst. khim. AN Gruz. SSR 17 169-173 '61

OFFENSES AGAINST SOCIALIST PROPERTY

Decision No. 12 of the Plenum of the Supreme Court of the U.S.S.R. of December 20, 1965, entitled "The elimination of shortcomings in court practices when specific findings in civil matters are made". Blul. Verkh. Suda no. 124-15 '66

OFFICE BUILDINGS—DESIGN AND CONSTRUCTION see subdivision under Moscow

OGAREV, NIKOLAI PLATONOVICH, 1813-1877

With the paths of a scholar. V. Putintsev. Vop. lit. 9 no. 11 231-234 N '65.

Zeiliger-Rubinshteyn, E. I. [N. P. Ogarev about training and public education] *N. P. Ogarev o vospitanii i narodnom obrazovanii. Moskva, Prosveshchenie, 1965. 149 p.*

OIL CAKE

Safety problems in the production of granules from oil cake. V. M. Bocharnikov. Masl. -zhir. prom. 32 no. 3. 14-45 Mi '66.

OIL FIELD BRINES

(see also subdivision under Azerbaijan) Movement of edge waters in the Kala series of the Kala field. M. A. Dzhanadov. Izv. AN Azerb. SSR. Ser. geol. -geog. nauki i nefit no. 5 380-40 '63.

OIL FIELD BRINES—ANALYSIS see subdivision under Karadag Oil Field; Kuybyshev Province; Orenburg Province; Perm Province

OIL FIELD FLOODING

(see also subdivision under Bol'shoy Khol' Field) Field test of equipment for separate water injection into two layers through a single intake well. B. S. Krutikov, A. I. Pertsov. Nefteprom. delo no. 4 28-31 '66. Flooding a well in a layer nonuniform with respect to permeability. K. N. Dzhailov, Z. Z. Rustmova, T. S. Salakhova. Izv. AN Azerb. SSR. Ser. geol. -geog. nauki i nefit no. 5 56-60 '63.

OIL FIELDS—CLASSIFICATION

Classification of oil and gas fields. N. I. Uspenskaya. Trudy MINKHGP no. 61 71-78 '66

OIL FIELDS—EQUIPMENT AND SUPPLIES

New instruments for making a window in the column. S. Mirzaev. Neftebank 10 no. 8 25-27 S '65.

OIL FIELDS—SAFETY MEASURES

People and the interior of the earth. A. Lerner, P. Savin. Okhr. i razv. i sots. strakh. 9 no. 4 6-9 Ap '66.

OIL FIELDS—TECHNOLOGICAL INNOVATIONS see subdivision under Caspian Lowland

OIL FILTERS see subdivision under Volgograd

OIL HYDRAULIC MACHINERY

Nikitin, G. A., and A. A. Komarov. [Distributing and regulating devices in hydraulic systems] *Raspredelitelnye i regulirushchie ustroystva gidrosistem. Moskva, Mashinostroenie, 1965. 182 p.*

Pave the way for hydraulic piston pumps. N. A. Andreev, V. N. Ivanov. Bezop. truda v prom. 7 no. 11 12-13 N '63.

Pressure of the working fluid in gaps of displacement pumps and hydraulic engines. A. F. Osipov. Vest. mashinost. 46 no. 4 20-23 Ap '66.

Some characteristics of hydraulic servo drives with jet amplifiers. E. I. Kramskol. Trudy NIITMasha no. 15-10 '65.

OIL HYDRAULIC MACHINERY—DESIGN AND CONSTRUCTION

Hydraulic piston pump engine. B. N. Biriukov. Izv. vys. ucheb. zav. pgor. zhur. 9 no. 2 96-100 '66.

OIL HYDRAULIC MACHINERY—TESTING

Experimental investigation of a hydrostatic drive with a high-moment hydraulic engine on a stand. E. F. Cherkulaev. Vest. KhPI no. 1 115-126 '65.

OIL INDUSTRIES

(see also subdivision under Gomel; Gorkiy)

Preparing to welcome the 23d Congress of the CPSU. Masl. -zhir. prom. 32 no. 3 1-3 Mr '66.

Welcoming the 23d Congress of the CPSU with appropriate achievements. Masl. -zhir. prom. 32 no. 2 1-2 F '66.

OIL INDUSTRIES—MANAGEMENT

Increasing the efficiency of production is the most important task. N. A. Galushkina. Masl. -zhir. prom. 32 no. 3 31-36 Mr '66.

OIL INDUSTRIES—PERIODICALS

"Journal of fatty substances." A. I. A. Cherniak. Masl. -zhir. prom. 32 no. 2 3-5 F '66.

OIL INDUSTRIES—PRODUCTION STANDARDS

Establishment of norms for raw material consumption in oils and fats industries. N. I. Galtschkol. Masl. -zhir. prom. 32 no. 2 27-30 F '66.

OIL INDUSTRIES—SAFETY MEASURES

Safety problems in the production of granules from oil cake. V. M. Bocharnikov. Masl. -zhir. prom. 32 no. 3. 14-45 Mi '66.

OIL POLLUTION OF RIVERS, HARBORS, ETC see subdivision under Caspian Sea

OIL RECLAMATION

Crankcase oil reclamation. I. B. Zonis. Transp. i khran. nefit i nefteprod. no. 3 34-35 '66.

Reclaimed OL-2 emulsion oil. V. Aronov and others. Bud. mat. i konstr. 7 no. 4 25-28 Ji-Ag '65.

OIL RESERVOIR ENGINEERING

Effect of some physical properties of oil on the maximum recovery factor of oil. T. N. Saradzhev. Dokl. AN Azerb. SSR 21 no. 11 38-40 '65.

OIL SANDS

(see also subdivision under Mangyshlak Peninsula; Orenburg Province; Perm Province; West Siberian Plain)

Coefficient of increasing the resistance of sandy reservoirs. I. G. Guzenova and others. Prikl. geofiz. no. 42 108-202 '65.

Determining the coefficients of the oil and gas saturation and porosity of sandstones based on the results of electric oil well logging. N. D. Gusev. Prikl. geofiz. no. 45 232-248 '65.

OIL SANDS—ANALYSIS see subdivision under Bashkiria

OIL SHALE INDUSTRY

Open-air gas turboblower plants. L. S. Anan'ev, N. D. Serebriannikov, S. A. Fainberg. Koks i khim. no. 4 56-57 '66.

OPHTHALMOSCOPY

Comparison of hemodynamic indices with the neurologic and ophthalmoscopic symptomatology of coarctation of the aorta. V. B. Gelfand and others. *Grud. khir.* 8 no. 1 41-47 Ja-F '66.

OPIUM

Determination of opium alkaloids in capsules of opium poppy and in intermediate industrial products by means of quantitative paper chromatography. V. A. Ornel'ants, S. Kh. Mushyn'ska. *Farmatsev. zhur.* 19 no. 5 34-38 '64.

Spectrophotometric method for the analysis of some salts of opium alkaloids and their substitutes in medicinal preparations. F. I. Ukhlan and others. *Farmatsev. zhur.* 19 no. 5 24-30 '64.

OPTIC NERVE

Adenosinetriphosphatase activity of nerves. O. M. Rozhnova. *Ukr. biokhim. zhur.* 38 no. 2 111-116 '65.

Comparative data of the determination of the type of higher nervous activity by the acoustic and optic analyzers. I. V. Panchuk. *Fiziol. zhur. [Ukr.]* 12 no. 2 254-258 '66.

Cortical mechanisms of visual functions following excitation of the visual reception. A. S. Batucv. *Vop. svy. fiziol. anal.* no. 2 25-45 '66.

Correlation between the parameters of primary responses of the optic cortex and its corticofugal effects. P. P. Gustin, Zhur. vys. nerv. del. 16 no. 2 321-327 Mr-Apr '66.

Effect of adrenergic and sympatholytic preparations on the changes in primary responses in the visual zone of the cortex induced by lysergic acid diethylamide. S. I. Arbuzov and others. *Farm. listy* 28 no. 4 405-409 II-Ag '65.

Effect of television screens on some functions of the optic analyzer. I. L. Zarenina. *Fiziol. zhur. [Ukr.]* 10 no. 6 815-818 N-D '64.

Saadzhishvili, P. M., and R. V. Gurgonidze. [Elements of topographical anatomy of the peripheral neuron of the optic tract in the clinical practice of the ophthalmoneurologist] *Elementy topograficheskoi anatomii perifericheskogo nevrona zritel'nogo puti v klinicheskoi praktike oftalmonevrologa*. Tbilisi, Metsnereba, 1965, 89 p. illus.

OPTIC THALAMUS

Participation of the anterior cortical regions in the regulation of the activity of thalamic structures. A. S. Batucv, Chu Min-hsin. *Fiziol. zhur.* 52 no. 4 377-345 Ap '66.

Participation of the cerebral cortex and optic thalamus in the organization of alimentary conditioned and unconditioned reflexes. L. N. Gavrilova, Zhur. vys. nerv. del. 16 no. 2 225-232 Mr-Apr '66.

OPTICAL INSTRUMENTS

Investigating double-image sighting telescopes used for measuring nonrectilinearity and noncoaxiality of medium-size articles. E. I. Rozenberg, I. E. Efros, E. A. Vurganova. *Trudy NII Tmasha* no. 1 68-74 '65.

Optical sighting systems with external mirror focusing for precision measuring instruments. E. I. Rozenberg, I. E. Efros. *Trudy NII Tmasha* no. 1 63-68 '65.

OPTICAL MEASUREMENTS

Device for measuring the specular reflection coefficient. V. S. Khazanov, G. M. Egorov, *Zav. lab.* 32 no. 3 373-374 '66.

OPTICS

by real systems. B. Ia. Izv. vys. ucheb. zav.;

ORBITALDAE see subdivision under White Sea region

ORCHESTRA

Pacific "Chaita" in Moscow. V. Moroz. *Sov. voen. izv.* no. 16 22 Ag '65.

ORE DEPOSITS

(see also subdivision under Altai Mountains, Armenia; Azerbaijan; Caucasus, Chita Province, Donets Basin; Dzhirgatalan region, Kazakhstan, Kaimazai Mountains, Kazakhstan; Khuzarovsk'ii mnt., Khibiny Mountains, Kola Peninsula, Kursk Magnetic Anomaly, Sakagan' region, Ukraine, Tajikistan; Transbaikalia, Tunguska Basin; Ural Mountains)

Cyclic geotectonic (metallogenic) development of fold areas. V. S. Domatev. *Vest. LGU* 18 no. 24 5-11 '63.

Hydrothermal equilibria. Dissociation constants of some weak electrolytes at raised temperatures and pressures. R. P. Rafail'kii. *Geol. iud. mestorozh.* 8 no. 2 5-15 Mr-Apr '66.

Prospecting indications and evaluation criteria for deposits of molybdenum-tungsten rare-metal formation. V. T. Pokalov. *Sov. geol.* 9 no. 3 17-33 Mr '66.

Silver, bismuth, and antimony impurities in galenic. A. A. Godovikov. *Geol. iud. mestorozh.* 8 no. 2 59-68 Mr-Apr '66.

Spectrum analysis of small quantities of ores and minerals. K. E. Tugizbaeva, D. E. Fain. *Lv. AN Kazakh. SSR, Ser. geol.* 23 no. 2 80-85 Mr-Apr '66.

Tectonic and igneous heterogeneity of geosynclinal troughs and its metallogenetic significance. V. V. Bogatski. *Geotektonika* no. 2 63-71 Mr-Apr '66.

Volcanic-plutonic formations and their ore potential; symposium in Moscow. M. G. Rub. *Vest. AN SSSR* 36 no. 3 172-173 Mr '66.

ORE DEPOSITS—CONGRESSES

Problems of postmagmatic ore formation; conference in Prague, September 16-21, 1963. G. A. Kuinov. *Vest. Mosk. un. Ser. 4 Geol.* 19 no. 2 69-71 Mr-Apr '64.

Second All-Union Conference on Geological Thermometry and Barometry. E. I. Dolomanova, A. A. Filimonova, M. M. Elinson. *Geol. iud. mestorozh.* 8 no. 2 121-126 Mr-Apr '66.

Seminar on exogenetic and epigenetic ore formation. E. A. Golovin. *Lit. i pol. iskop.* no. 2 163-167 Mr-Apr '66.

ORE DEPOSITS—MAPS

Methodology for plotting maps of terrigenous-mineralogical provinces. F. T. Bikkennu. *Geol. i geofiz.* no. 1 112-118 '66.

ORE DEPOSITS—MICROBIOLOGY see subdivision under Chitara region (Georgia)

ORE DEPOSITS—PUNCHED CARD SYSTEMS

Use of punched cards in the study of endogenous ore deposits. R. M. Konstantinov. *Geol. iud. mestorozh.* 8 no. 2 83-89 Mr-Apr '66.

ORE DRESSING

(see also subdivision under Armenia; Kadzharan region, Armenia; Karaganda Province)

Concentration of oxidized iron hornstone in the Krivoy Rog Basin by gravity-flotation flow sheets. I. U. R. Ashitkov, E. M. Sinachnata, K. N. Lymar. *Met. i gornorud. prom.* no. 2 69-74 Mr-Apr '66.

Derkach, V. G. [Special methods of mineral dressing] *Spetsial'nye metody obogashchenia poleznykh iskopaemykh*. Moskva, Nedra, 1966, 337 p.

Extraction of metal concentrates from lean iron ores in a suspension ore-coal-flux bed. G. V. Gublin, V. P. Bushuev, L. I. Zharko. *Met. i gornorud. prom.* no. 2 77-79 Mr-Apr '66.

Iron ore preparation in the mines of the Altai-Sayan Mountain region. S. I. Dekhtarev and others. *Izv. vys. ucheb. zav. gor. zhur.* 9 no. 2 30-34 '66.

Methods of evaluating the efficiency of ore dressing in heavy suspensions. I. U. S. Badaev. *TSvet. met.* 39 no. 4 14-19 Ap '66.

Methods of studying kinetics of the settling of coarse particle dispersed pulp. M. A. Monokovskii, V. G. Preizerzon. *Izv. vys. ucheb. zav. gor. zhur.* 9 no. 2, 150-153 '66.

Nesterov, I. M., and E. V. Miller. [Scientific principles of concentration by jigging of the fine size classes of ores] *Nauchnye osnovy obogashchenia otсадok tonkikh klassov rud*. Moskva, Nauka, 1966, 165 p.

Ore dressing in heavy suspensions at the Krasnogradskiy Ore Dressing Combine. I. U. S. Badaev, A. I. Podkovyrkin, R. I. Engel'. *Gor. zhur.* no. 4 65-70 Ap '66.

Physicochemical methods of extracting mineral raw materials for the chemical industry. N. V. Melnikov, V. Zh. Arens. *Fiz.-tekhn. probl. razrab. pol. tekop.* no. 1 79-82 '66.

Preparing the semifinished product for steel smelting. A. A. Sigov, E. P. Pokolilo. *Vop. proizv. stal.* no. 10 157-164 '65.

Recovery of copper from sulfide ores of Madakul. G. V. Kuperman and others. *Trudy Inst. khim. AN Gruz. SSR* 17 14-17 '61.

Results of a competition for achieving a fuller use of ores and concentrates in ore dressing plants for the nonferrous metallurgy. M. G. Dobrolivornova. *TSvet. met.* 39 no. 3 81-87 Mr '66.

ORE DRESSING—CONGRESSES

Seminar-conference on the development and introduction of ore-peggling of ores. S. P. Zolotareva. *TSvet. met.* 39 no. 3 87-90 Mr '66.

ORE DRESSING—COSTS

For a deep technical and economic analysis of ways of achieving technical progress. A. M. Lomov. *TSvet. met.* 39 no. 4 32-35 Ap '66.

ORE DRESSING—EQUIPMENT AND SUPPLIES

(see also subdivision under Armenia)

Fundamentals of producing granulated ferrallite for ore dressing. V. I. Klasev, L. I. Kuzakov, L. N. Pilyavina. *Met. i gornorud. prom.* no. 2 74-77 Mr-Apr '66.

ORE DRESSING PLANTS see subdivision under Russia, Northern

ORE DRESSING PLANTS—EQUIPMENT AND SUPPLIES

(see also subdivision under Tynysay, Kazakhstan; Balkar A. S. S. R.)

Improve the organization of a machine maintenance and repair service in enterprises. A. S. Doncheko. *TSvet. met.* 39 no. 3 2-5 Mr '66.

Two parameters for the regulation of classifiers. A. I. Samoilenko and others. *TSvet. met.* 39 no. 3 23-24 Mr '66.

ORE HANDLING

Improving the charging hopper of a belt conveyor for ore transportation. V. S. Bondarev, I. S. Petukhov, V. I. Kovalenko. *Met. i gornorud. prom.* no. 2 59-61 Mr-Apr '66.

Movement of ore particles over crests located between drawing chutes in isolated zones of loosening. A. M. Ikonnikov and others. *Izv. vys. ucheb. zav. gor. zhur.* 9 no. 2 12-18 '66.

OREKHOVICH, VASILII NIKOLAEVICH, 1903-

V. N. Orekhovich on his 60th birthday. *Vop. med. khim.* 11 no. 3 102-104 My-Ju '65.

OREKHOVO-ZUYEVO DISTRICT—SEEDS—DISINFECTATION

Disinfection of seeds with humidification and use of adhesives. A. Iashin. *Zashch. rast.* 11 no. 2 27 '66.

OREL PROVINCE—CROP YIELDS

Quantitative estimation of yield-delet mining fraction. A. Kotchenkov. *Ikon. i pol. khoz.* 41 no. 4 166-172 Ap '66.

OREL PROVINCE—WINDBREAKS, SHELTERBELTS, ETC.

Hole of the shelterbelts system in hydrological land improvement. V. A. Kaigov. *[Shch. i rab. VNIIAI-M]* no. 43 66-74 '63.

ORENBURG—RAILROADS—SNOWFLOWS

Improve the snow removal machine. V. D. Andreev. *Put' i put. khoz.* 10 no. 3 20 '66.

ORENBURG PROVINCE—CAMPS

Work and camp. A. S. Golubnichii. *Shkola i prof. z.* 10 no. 5 38-40 My '66.

ORENBURG PROVINCE—COLLECTIVE FARMS—PENSIONS

One more step. V. Mikhalkovich. *Sots. obesp.* 41 no. 4 20-23 Ap '66.

ORENBURG PROVINCE—EDUCATION—CONGRESSES

Orenburg has begun and continues... M. Oglatov. *Semlia i shkola* 21 no. 3 33 Mr '66.

ORENBURG PROVINCE—GRAIN ELEVATORS

Grain receiving stations shall be models. A. Romanov. *Zakup. sel'khoz. prod.* no. 3 1-3 Mr '66.

ORENBURG PROVINCE—INDUSTRIAL HYGIENE

When they forget about the activists... G. Minosov. *Okhr. truda i sots. struk.* 9 no. 4 24-26 Ap '66.

ORENBURG PROVINCE—OIL FIELD DRINES—ANALYSIS

Content of potassium in the formation waters of oil-bearing horizons in Kuybyshev and Orenburg Provinces. A. N. Kozin. *Geokhimiya* no. 4 380-387 Ap '64.

ORENBURG PROVINCE—OIL SANDS

Carbonate reservoir rocks in producing part of the Tatar stage of the Krasnoyarsk deposit in Orenburg Province. A. A. Rudov. *Trudy MINKIIGP* no. 61 51-54 '66.

ORSHANSK PROVINCE.—ROCKS, CARBONATE

Characteristics of rocks in producing part of the basement of the Karakumsk deposit in Orshansk Province. A. A. Rudov. Trudy MINKHIM no. 61 no. 4: 96.

Mineralogical features and production-geophysical characteristics of the carbonate rocks of the Bishki stage in the southern part of Orshansk Province. I. I. Shlyukina, A. A. Rudov. Trudy MINKHIM no. 61 no. 11: 111 '66.

ORSHANSK PROVINCE.—ROCKS, SEDIMENTARY

Characterization of Upper Permian red beds in the southern part of the Orshansk portion of Orshansk Province. A. P. Mironov, I. I. Ozylov. Izv. Inst. geol. no. 1: 97 '67. Mr. Ap '66.

ORSHANSK PROVINCE.—STOCK AND STOCKBREEDING

Aspects of special attention. N. I. Lomonov, Mol. Lomonov, 1: 91-101. Mr. '65.

ORSHANSK PROVINCE.—CATTLE AND SHEEP

Feed distribution among milks in two-stage breeding. M. P. Rabinovich and others. Tsvet. met. 19 no. 1: 11 '67. Mr. '66.

Scientific conference on the development and introduction of new cattle breeding of men. S. P. Zaitseva, Tsvet. met. 19 no. 1: 11 '67. Mr. '66.

ORSHANSK PROVINCE.—CATTLE AND SHEEP

Feed distribution among milks in two-stage breeding.

Composition of the mud and its effect on the spectrum of gamma-ray radiation scattered in the area of heavy elements. V. A. Attybayev, G. A. Ismailov. Vop. rad. geofiz. no. 6: 107-103 '65.

Estimating concentrations. M. P. Bartov. Izv. Inst. geol. no. 1: 97 '67. Mr. '66.

Improving the methods of selective gamma-gamma logging. I. U. Bol'shakov, F. P. Leman. Vop. rad. geofiz. no. 6: 102-106 '65.

Features of the conditions of measuring and the distribution of mineralization on the results of X-ray and radioisotope logging. A. U. Bol'shakov, I. U. P. Lemanov. Vop. rad. geofiz. no. 6: 137-140 '65.

Formulation of the methods of chemical analysis of iron, titanium, niobium and chromium in the Metody khimicheskogo analiza zheleznykh, titanovykh, niobovykh i khromovykh soed. Moskva, Nauka, 1966. 408 p.

Parasitism of studying the composition of rocks and ores in situ by the gamma-gamma method on the basis of the effect of secondary radiation in the geometry of direct visibility. M. I. Kudryavtsev, V. A. Melor. Vop. rad. geofiz. no. 6: 94-107 '65.

Feasibility of using the X-ray radiometric method for determining certain metals in samples and mine workings. A. P. Orlov and others. Vop. rad. geofiz. no. 6: 43-48 '65.

Reduction of losses and depletion during the level and chemical systems of mining in the Kirovskiy district. I. I. Vashin, V. I. Shchegolev, I. I. Fontik. Gos. inst. no. 1: 30-35. Ap '66.

Isolate determination of heavy elements in borates on the basis of the characteristic X-ray radiation. V. A. Melor, V. S. Nakhimov. Vop. rad. geofiz. no. 6: 31-32 '65.

System of spectral ratios in the X-ray radiometric method of studying elemental composition of ores in situ. V. A. Melor and others. Vop. rad. geofiz. no. 6: 50-73 '65.

Theory and methods of the X-ray radiometric analysis of heavy metal ores in situ. A. P. Orlov, A. U. Bol'shakov. Vop. rad. geofiz. no. 6: 49-57 '65.

X-ray radiometric logging of underground borates in mercury and lead deposits. A. U. Bol'shakov, A. P. Orlov, V. N. Orlov. Vop. rad. geofiz. no. 6: 80-86 '65.

ORSHANSK PROVINCE.—TRANSPORTATION

Characterization of marine transportation of ore concentrates. V. I. Korobov. Trudy TSNIM no. 70: 116-117 '65.

ORGANIC ACIDS see Acids, Organic

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS

Characterization of the behavior of palladium, ruthenium, and palladium-vanadium extraction in solutions of organic substances. V. S. Likhin, G. A. Pankov, I. V. Shchegolev. Elektrokhimia 2 no. 4: 157-164. Ap '66.

Complexometric method of determining aluminum, zinc, and calcium content of organic compounds. A. A. Zolotarev, I. M. Vorontsov, Masl.-zhir. prom. 32 no. 2: 22-27. '66.

Determination of trace amounts of chlorine and sulfur in monomers and polymers. D. R. Gurvich and others. Zav. lab. 32 no. 4: 100-110 '66.

Effect of emulsions, aldehydes, and isatin derivatives on the process of hydrogen absorption by steel. S. M. Belozubov. Zhur. prikl. khim. 39 no. 3: 595-599. Mr. '66.

Electrochemical recording of hypokinesia caused by guanidine, tetraethyl ammonium, 6-aminopyridine, and dihydroxybenzyl in water-blooded animals. A. I. Podolskiy. Biol. zhur. biol. med. 61 no. 4: 14-17. Mr. '66.

Quantitative determination of hydrogen in organic compounds contained in sulfur. M. D. Topol, I. K. Lukash, V. M. Plavil. Zav. lab. 32 no. 4: 111-112 '66.

ORGANIC COMPOUNDS—SPECTRA

Nature of processes determining the presence of photoconductivity in organic liquids. M. D. Topol, I. K. Lukash, I. M. Stetsko, T. N. Trofimova. Zhur. fiz. khim. 40 no. 2: 400-401. '66.

ORGANIC MATTER

Carbonaceous matter of meteorites in connection with their origin. G. P. Vdovin, Geokhimia no. 4: 299-306. Ap '64.

Organic matter in underground waters of oil and gas provinces and the importance of their study for purposes of petroleum geology, summit conference. F. I. Barn. Geol. neft. i gaz. 10 no. 3: 61-63. Mr. '66.

ORGANIZATION OF AFRICAN UNITY

African unity: an interview. S. K. Chinnai. Nov. v. 10 no. 22: 17-18. My '66.

ORGANIZATION OF AMERICAN STATES

Outline of the conference in Panama. A. G. Gerasimov. Mezhdunar. zhurn. 13 no. 5: 113-114 '66.

ORGANOALUMINUM COMPOUNDS

Reaction of vinyl chloride with some organoaluminum compounds. G. A. Razuvayev and others. Izv. AN SSSR, Ser. khim. no. 1: 660-661 '66.

ORGANOARSENIC COMPOUNDS

Sulfur-containing organic compounds of arsenic. Part 2: New method of preparing the sodium of trivalent arsenic acids. N. A. Chadaeva, G. Kh. Kamal, G. M. Umashova. Zhur. ob. khim. 36 no. 4: 704-708. Ap '66.

ORGANOBORON COMPOUNDS

Oxidation of difunctional organoborane compounds by sodium peroxide for analytical purposes. I. I. Zhdankin, A. I. Kovaleva. Izv. AN SSSR, Ser. khim. no. 1: 118-119 '66.

ORGANOBROMINE COMPOUNDS

Synthesis of new unsaturated organobromine compounds of the mercaptan series. S. A. Gerasimova, Z. M. Maslitskaya, Izv. khim. zhur. 8 no. 1: 30-31 '66.

ORGANOMERCURY COMPOUNDS

Mechanism of alkylation reaction of organomercury compounds by thiazolethione derivatives. G. A. Mikhaylov, I. P. Belotokala, G. A. Rostov. Izv. AN SSSR, Ser. khim. no. 1: 112-113 '66.

ORGANOMETALLIC COMPOUNDS

Advances in the synthesis of organometallic polymers. Usp. khim. 35 no. 4: 111-112. Moskva, Nauka, 1966. 246 p.

Recent developments in the chemistry of organometallic compounds, at the meeting of the Department of General and Physical Chemistry. D. N. Kravtsov. Vest. AN SSSR 36 no. 3: 170-178. Mr. '66.

ORGANOMETALLIC COMPOUNDS—SPECTRA

Nuclear quadrupole resonance in some crystalline complexes of charge transfer. V. S. Grechishkin, I. A. Kuznetsov. Zhur. strukt. khim. 7 no. 1: 119-121. Ju. '66.

ORGANONITROGEN COMPOUNDS

Titrimetric determination of some nitrogen-containing derivatives of carbonic acid in nonaqueous solution. A. P. Kiselev, A. N. Ivanov, V. N. Novakova. Zhur. anal. khim. 21 no. 3: 350-354 '66.

ORGANOPHOSPHORUS COMPOUNDS

Activity of phosphorus-containing polyesters. I. M. Katsenbaum and others. Plast. massy no. 4: 69-71 '66.

All-Union Symposium on the Methods of Determining Organophosphorus Compounds and DDT in Foodstuffs. N. V. Orlov, G. P. Vasilov. Vop. pit. 23 no. 3: 65-61. My. Ju. '66.

Determination of phosphorus in organophosphorus compounds. F. S. Matukova, A. D. Zaitseva. Plast. massy no. 4: 57-59 '66.

ORGANOPHOSPHORUS COMPOUNDS—PHYSIOLOGICAL EFFECT

Change in the enzymatic characteristics, total protein and its fractions in the blood of animals under the effect of chlorophos, neotchlorophos, and thiophos. S. G. Tsarev, O. V. Pavlova. Uch. zap. KV. 92: 225-232 '64.

Effect of some phosphorus organic compounds on the organism of animals (calves and cows). S. G. Tsarev and others. Uch. zap. KV. 92: 233-242 '64.

ORGANOPHOSPHORUS COMPOUNDS—TOXICOLOGY

Effect of some organophosphorus insecticides through the skin. I. U. Kundlev. Faim. i toka. 28 no. 2: 238-241. Mr. Ap '65.

ORGANOPHOSPHORUS COMPOUNDS, EFFECT OF RADIATION ON

Radiation resistance of complex-forming organophosphorus esters. A. V. Nikolov and others. Zhur. fiz. khim. 40 no. 4: 118-119. Ap '66.

ORGANOSILICON COMPOUNDS

Aerogels of organic and organosilicon polymers with a highly developed surface. G. V. Vinogradov and others. Zhur. fiz. khim. 40 no. 1: 881-886. Ap '66.

Alkyl-(n-yl)-glycidyl silanes and siloxanes. V. I. Pakhomov, T. S. Bazhenova. Plast. massy no. 4: 18-19 '66.

Copolymerization of vinyl ester of γ -trimethylsilylpropionic acid with vinyl monomers. Z. A. Okladnikova and others. Vysokom. soed. 8 no. 3: 490-502. Mr. '66.

Determining the optimum thickness of epoxy and organosilicon coatings. I. A. Vlasova, N. V. Ilina. Lekt. i nat. i kh. pat. no. 2: 54 '66.

Dispersion of diphenylchlorosilane. K. A. Andrianov, V. M. Kotov. Dokl. AN SSSR 167 no. 4: 811-813. Ap '66.

Heat of combustion of methyl- γ -amino polydimethylsiloxane. I. U. Kh. Shaulov, I. U. B. Nadzhov, K. I. Savan'lanova. Zhur. ob. khim. 36 no. 4: 697-699. Ap '66.

Amannov, S. A. [Water proofing of dielectrics using organosilicon compounds] Gidrofobizatsiya dielektrikov i emmorganecheskimi sredstvami. Moskva, Energiya, 1965. 103 p. (Polimery v elektrotekhnologii i tekhnologii, no. 11)

Method of separating organosilicon esters of the acrylic series. D. M. Andreev, D. N. Alekseeva. Zhur. ob. khim. 36 no. 4: 692-694. Ap '66.

Molecular-weight distribution of polydimethylsiloxane elastomers studied by means of turbidimetric titration. V. P. Davydova and others. Vysokom. soed. 8 no. 3: 436-440. Mr. '66.

New method of synthesizing monosubstituted silicon acetates. M. P. Shostakovskiy, N. V. Komarov, G. G. Ilyash. Zhur. prikl. khim. 38 no. 2: 435-436. F. '65.

Polyorganosiloxanes with chlorine atoms in the phenyl radical. B. V. Motchanov, G. V. Orlovskaya, M. I. Vorlov. Plast. massy no. 4: 16-17 '66.

Synthesis of unsaturated silicon-containing epoxide compounds. S. I. Sadykh-zade, R. B. Babayeva, A. Satimov. Zhur. ob. khim. 36 no. 4: 695-697. Ap '66.

ORGANOSILICON COMPOUNDS—ADSORPTIVE PROPERTIES

Amino organosilicon as chemically active sorbents and fillers of polymeric materials. V. A. Tertykh and others. Koll. zhur. 28 no. 2: 278-282. Mr. Ap '66.

ORGANOSILICON COMPOUNDS—OPTICAL PROPERTIES

Optically active organosilicon polymer. E. I. Klavunovskiy, L. F. Godunova, A. A. Balandina. Vysokom. soed. 8 no. 3: 441-443. Mr. '66.

ORGANOTITANIUM COMPOUNDS

Mossbauer effect in organotin compounds with metal-containing groups. A. N. Kiselev and others. Tsvet. i khim. 3 no. 1: 125-130. '66.

Synthesis of new mixed asymmetrical organotin compounds containing an allylic radical. G. F. Rubinshteyn, Z. M. Maslitskaya, Zhur. ob. khim. 36 no. 4: 748-750. Ap '66.

ORGANOTITANIUM COMPOUNDS

Structure of the titanium dichloride molecule (C₂H₂)₂ TiCl₂. N. V. Alekseev, I. A. Ronova. Zhur. strukt. khim. 7 no. 1: 103-104. Ju. '66.

ORIENTAL INSCRIPTIONS see Inscriptions, Oriental

ORIENTAL STUDIES

Materials for the chronology of Soviet Oriental studies, 1917-1941. Krat. soob. Inst. nar. Az. no. 76: 3-135 '65.

ORIENTAL STUDIES—BIBLIOGRAPHY see Bibliography—Oriental studies

ORIENTATION

Principles of ultrasonic space orientation in bats. A. I. Konstantinov. Vop. sav. fiziol. anat. no. 2: 103-111 '66.

Space analysis in dogs deprived of the cortex of one hemisphere. L. V. Lobanova. Vop. sav. fiziol. anat. no. 2: 112-127 '66.

ORIENTE PROVINCE, CUBA—RUNOFF

Streamflow in eastern Cuba. V. N. Koshakov. Vest. Mosk. un. Ser. 5: Geog. 21 no. 2: 71-78. Mr. Ap '66.

ORIGIN OF SPECIES

Theory of species. N. V. Timofeev-Resovskiy. Trudy Inst. biol. UPAN SSSR no. 44: 11-25 '65.

PAINT INDUSTRY—MANAGEMENT

Methods of determining prospective needs in paint materials. R. B. Gorfunkel, Z. S. Minkin. *Izvestiya, matematicheskii prikladnaya fizika*, no. 2:84-87 '66.

PAINT INDUSTRY—RESEARCH

Work performed by the Scientific and Scientific-Technical Councils of the Scientific Research and Planning Institute of the Paint Industry during 1965. P. I. Dmitriev. *Lakokraski, materialy i tekhnika*, no. 2:83 '66.

PAINT MATERIALS

New developments in the manufacture of precipitated "63" siccativ. A. P. Kaledinov and others. *Lakokraski, materialy i tekhnika*, no. 2:78-79 '66.

PAINT MATERIALS—TESTING

Light scattering in slightly colored suspensions and the covering power of white dyes. I. U. A. Bobylenko. *Lakokraski, materialy i tekhnika*, no. 2:50-53 '66.

PAINTING

Painting and consciousness. N. Nazarenko. *Izvestiya*, 29 no. 3:31-36 '66.

PAINTING, INDUSTRIAL

Answering questions on the application of paint materials. I. P. Lebit. *Lakokraski, materialy i tekhnika*, no. 2:81-83 '66.

Method of painting ventilating and sanitary engineering. M. I. S. A. Pril'pman. *Monografiya, raboty v stroitel'stve*, no. 4:19-21 Ap '66.

PAINTING, INDUSTRIAL—EQUIPMENT AND SUPPLIES

Fundamentals of the jet theory applied to jet systems for surface preparation. E. V. Balashov, V. N. Rastrepin. *Lakokraski, materialy i tekhnika*, no. 2:37-41 '66.

Improved design of a unit for industrial painting with the flow coating method. S. I. Borisenko, A. M. Lukovskii. *Lakokraski, materialy i tekhnika*, no. 2:67-71 '66.

PAINTING, INDUSTRIAL—MECHANIZATION

Overall mechanization of the parkerizing and painting of parts. B. T. Divinskiy. *Biulet' tekhnicheskoy informatsii Gosnaukh - issledovaniya i tekhnicheskoy informatsii*, no. 2:32-34 I '66.

PAINTINGS

[Masterpieces of world painting in museums of the Soviet Union, an album] *Shedevry mirovoy zhivopisi v muzeakh Sovetskogo Soyuza*, [al'bom, Leningrad] Sovetskii khudozhnik [1965] 14 p., 80 plates.

PAIR PRODUCTION

Direct production of lepton pairs by a neutral beam in the electromagnetic field of a nucleus. M. S. Marinov and others. *Izvestiya fizicheskoy akademii nauk SSSR*, 3 no. 4:678-686 Ap '66.

PAKHUTOVA, ALEKSANDRA NIKOLAEVNA

A few words about my friend. A. Ostrovskiy. *Mol. komm.*, no. 3:116-118 Mr '65.

PAKISTAN—CULTURE

Overcoming the past. V. Moskalenko, R. Mukimdzhanova. *Az. i Afr. seg.*, 9 no. 5:41-43 Mr '66.

PAKISTAN—ECONOMIC CONDITIONS

The worries of Pakistan. S. Beglov. *Nov. vrem.*, 23 no. 20:18-20 My '65.

PAKISTAN—LABOR AND LABORING CLASSES

Ruzley, Turkm. [The laboring class of Pakistan; the condition of the laboring class and the labor movement] *Rabochii klass Pakistana, polozheniye rabochego klassa i rabochee dvizheniye*. Moskva, Nauka, 1966, 147 p.

PALEKH (IVANOVO PROVINCE)—FOLK ART

Our Palekh. M. Sokol'nikov. *Izvestiya*, 29 no. 2:25-36 '66.

PALEOBOTANY see subdivision under Shurab region (Tajikistan)

PALEOBOTANY, STRATIGRAPHIC see subdivision under Gumiata Valley; Leningrad Province; Pechora Basin; Soviet Far East

PALEOCLIMATOLOGY see subdivision under Europe

PALEOGEOGRAPHY

Interpretation of mineralogical spectra of unconsolidated deposits for paleogeographic reconstructions. E. G. Anan'eva. *Vest. Mosk. univ., Ser. B: Geog.*, 21 no. 2:116-119 Mi-Ap '65.

Khain, V. E., ed. [Problems of geology and paleogeography of the Quaternary] *Problemy geologii i paleogeografii antropogena*. [Moskva] Izd-vo Mosk. univ., 1966, 226 p.

PALEONTOLOGY—CONGRESSES

First All-Union Symposium on Pre-Cambrian and Early Cambrian Paleontology. *Geologicheskii zhurnal*, no. 1:14-111 '66.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Altai Mountains, Black Sea region, Kopetdag, Kuznetsk Alatau, Omolon Valley, Russia, Northern, Sayan Mountains

PALESTINE—POTTERY, ANCIENT

The inscribed pottery of ancient Palestine as an important source of history. M. L. Gel'tser. *Eptig. Vest.*, 17:18-37 '66.

PALI LANGUAGE—CONSONANTS

Phonologic interpretation of geminates in Pali. T. I. A. Elizarenkova. *Krat. soob. Inst. nar. Az.*, no. 62:158-165 '64.

PALI LANGUAGE—PHONOLOGY

Phonologic interpretation of geminates in Pali. T. I. A. Elizarenkova. *Krat. soob. Inst. nar. Az.*, no. 62:158-165 '64.

PALKUEV, IAKOV ADRIANOVICH, 1885-1965

Iakov Adrianovich Palkuev; obituary. *Trof. pram.*, 43 no. 3:11 '66.

PALLADIUM

Amperometric titration of palladium and silver when present together. O. A. Songina, A. I. Pashchenko, P. I. Maslova. *Zav. lab.*, 31 no. 6:661-663 '65.

PALLADIUM-COBALT ALLOYS see Cobalt-palladium alloys

PALLADIUM COMPOUNDS

Preparation of a series of γ -substituted palladium bis-acetyl acetonates. A. N. Neumazov and others. *Izv. AN SSSR, Ser. khim.*, no. 1:739-741 '66.

PALLASOVKA DISTRICT—AGRICULTURE—ACCIDENTS

Traumatism and sanitary and hygienic conditions in the virgin land state farm "Krasnyi Oktabr'" of Pallasovka District of Volgograd Province. A. I. Balandina, O. I. Tarannikova. *Vop. travm.*, no. 2:3-8 '63.

PALYNOLOGY see subdivision under Caspian Sea, Kamchatka, Tuarkyr region (Turkmenistan)

PAMIRS—ATMOSPHERE

Structural characteristics of the tropopause in the zone of the jet stream. I. L. Tret'akov. *Vest. Mosk. univ. Ser. B: Geog.*, 21 no. 2:39-48 Mr-Ap '66.

PAMIRS—DESCRIPTION AND TRAVEL

In the Pamirs. M. Belkina. *Nov. mir*, 42 no. 3:143-160 Mi '66.

PAMIRS—FLIES

Synanthropic flies of the Pamirs. V. I. Sychevskaya. *Zool. zhurn.*, 15 no. 3:370-389 '61.

PAMIRS—GOLD

Genetic types of placers in the Pamirs and some characteristics of their distribution. V. A. Vasil'ev. *Dokl. AN Tadzh. SSR*, 9 no. 3:31-35 '65.

PANAMA—FOREIGN RELATIONS—UNITED STATES

Merlin, B. M., and N. S. Samsonova. [Dollar over Panama] *Dollar nad Panamoi*. Moskva, Znaniye, 1966, 31 p. (Novos v zhizni, nauke, tekhnike. VII Seriya; Mezhdunarodnaya, no. 5)

PANCREAS

Assimilation of foodstuffs by dogs with excluded pancreatic secretion kept on a qualitatively varying diet. O. I. Shvutsova. *Vop. pit.*, 23 no. 3:58-61 My-Ju '64.

Biosynthesis of the A and B chains of insulin during increased activity of the insular apparatus of the pancreas. S. A. Moronkova. *Vop. med. khim.*, 12 no. 2:204-207 Mr-Ap '66.

Disturbance of the structure and functions of the islands of Langerhans by radiation sickness induced by radioactive strontium. O. A. Khomutovskii. *Radobiologiya*, 6 no. 2:214-218 '66.

PANCREAS—DISEASES

Effect of chronic experimental acidosis on the histological structure and functional state of the islands of Langerhans. A. I. Medvedkova, V. V. Anisimova-Aleksandrova. *Probl. endok. i gorm.*, 12 no. 2:82-85 Mr-Ap '66.

Effect of prolonged injection of small doses of insulin on the morphology and function of the islands of Langerhans in the pancreas of healthy dogs. A. S. Ilicheva. *Probl. endok. i gorm.*, 12 no. 2:70-77 Mr-Ap '66.

Histological and histochemical changes in the exocrine tissue of the pancreas in atherosclerosis and hypertension. S. A. Stepanov. *Akh. pat.*, 28 no. 2:24-27 '66.

Hyperglycemic coma in acute pancreatitis. V. M. Lashchevker. *Probl. endok. i gorm.*, 12 no. 2:23-25 Mi-Ap '66.

PANCREAS—INFLAMMATION

Role of intraductal hypertension in the development of pancreatitis. K. D. Toshin and others. *Ist. fiziol. i eksp. terap.*, 10 no. 1:10-14 Ja-F '66.

PANCREAS—SECRETIONS

Recrystallized fat as a stimulator of pancreatic secretion. I. U. A. Syrov, L. S. Pamina. *Vop. pit.*, 25 no. 1:49-55 Ja-F '66.

PANCREAS—SURGERY

Immediate and late results of surgical treatment of hypoglycemia. O. V. Nikolaev, E. G. Velnitskiy, A. P. Kalinin. *Sov. med.*, 29 no. 1:3-6 Ap '66.

PANCREAS—TUMORS

Immediate and late results of surgical treatment of hypoglycemia. O. V. Nikolaev, E. G. Velnitskiy, A. P. Kalinin. *Sov. med.*, 29 no. 1:3-6 Ap '66.

PANDER, CHRISTIAN HEINRICH, 1794-1865

Russian scientist Kh. I. Pander, one of the predecessors of Charles Darwin. S. I. A. Chikin. *Sov. med.*, 29 no. 3:150-151 Mr '66.

PANELS (BUILDING)

(see also subdivision under Andizhan, Moldavia; Podolsk, Moscow Province)

Balkov, V. N., ed. [Reinforced-concrete three-dimensional elements and large panels] *Zhelezobetonnye prostiraniyennye konstruktsii i kipyne paneli*. Moskva, Vysshaya shkola, 1966, 118 p.

Double 30-ton vibrators for forming 3x12 m. panels. P. Abovych, I. A. Kolomoist', A. Buntakina. *Bud. mat. i konstr.*, 7 no. 4:44-48 Ji-Ag '65.

Heat treatment of concreted joints of panels by infrared rays. V. Buchalov and others. *Zh. st. i st.*, no. 4:17-18 '65.

Improve the quality and service life of the exterior finish of panel buildings. N. G. Korsak, M. S. Sulin. *St. i st.*, no. 4:20-22 Ap '66.

Prestressed panel shells measuring 3x12 m. I. U. Bilotskiy and others. *Bud. mat. i konstr.*, 7 no. 4:3-5 Ji-Ag '65.

PANELS (BUILDING)—THERMAL PROPERTIES

Thermal properties of joints of three-layer reinforced concrete panels for exterior walls. F. Ushkov. *Zh. st. i st.*, no. 4:10-15 '65.

PANGAMIC ACID—THERAPEUTIC USE

Vitamins B₅ and B₆ in the treatment of some diseases of the skin. M. M. Zheltakov, I. N. Vedrova, A. V. Kharmaganova. *Sov. med.*, 29 no. 3:100-102 Mr '66.

PANOVA, VERA FEDOROVNA, 1905-

Heroine of Vera PANOVA, E. Starikova. *Nov. mir*, 41 no. 3:230-238 Mr '65.

PANTOTHENIC ACID

Cholesterol and pantothenic acid content in the blood in atherosclerosis patients at various seasons of the year. I. M. Raskin, G. N. Zgurakina, E. I. Estlin. *Vop. pit.*, 25 no. 1:58-60 Ja-F '66.

Pantothenic acid metabolism in patients with cardiovascular diseases and blood circulation disorders. R. S. Dedunina. *Vop. pit.*, 25 no. 1:66-71 Ja-F '66.

PAPAW

Changes in the anatomical structures of papaw in ontogeny. G. G. Furst. *Bull. Glav. bot. sada*, no. 66:67-77 '66.

PAPER

Determining the optimum parameters of reinforced paper for bags. A. B. Izraelit. *Bum. prom.*, no. 4:8-10 Ap '66.

Use of synthetic fibers in paper manufacture. N. P. Perekalskiy, L. N. Antonovich. *Trudy LITBDF*, no. 18:12-20 '65.

PAPER CHROMATOGRAPHY

Analysis of some furcoumarins with the aid of polarography and paper chromatography. I. U. E. Orlov, N. P. Dzituba. *Farmatsev. zhurn.*, 20 no. 2:36-40 '65.

Determination of opium alkaloids in capsules of opium poppy and in intermediate industrial products by means of quantitative paper chromatography. V. A. Danil'ants, S. Kh. Mushynska. *Farmatsev. zhurn.*, 19 no. 5:34-38 '64.

PAPER CHROMATOGRAPHY (Continued)

Development of aromatic amines on chromatograms.
I. N. Nikolenko and others. *Zhurn. anal. khim.* 21 no. 3 332 '66

Estimation of the accuracy of qualitative and quantitative determination of amino acids by paper chromatography.
V. B. Lukhtanov, I. R. Simonov. *Vest. Mosk. un. Ser. 2 khim.* 71 no. 1 36-38 Ja-F '66

Examination of possibilities of using chromatography in the detection of sulfadiazine preparations in the urine, examination of sulfadiazine and analogs by the method of distribution chromatography.
F. M. Shemelin, O. S. Lashkova. *Tudy 1-go MNI* 17:60-160 '62

Mechanism of separation of rare-earth elements as thioacetates by means of paper chromatography.
M. E. Zhuravka, U. I. Khim. zhurn. 32 no. 3:281-289 '66

Microquantitative determination of silver ions by paper chromatography.
T. S. Todorova, T. Zhecheva. *Zav. lab.* 32 no. 1:117 '66

Quantitative determination of novocaine in solutions in the presence of its hydrolysis products.
I. S. Simonov, I. V. Zhuravka. *Apt. delo* 13 no. 6 11-15 N-D '61

Separation of the total of flavone substances from plants using paper chromatography.
I. K. Dandilov, A. A. M. Belchikov. *Izv. AN Turk. SSR, Ser. Fiz.-tekh. khim. i geol. nauk* no. 2:60-72 '66

Spectrophotometric determination of novocaine and its isomerization and degradation products with the aid of circular paper chromatography.
V. B. Kozhagin, V. V. Stupitskaya, Z. E. Volnov. *Antibiotiki* 11 no. 2 107-112 F '66

Use of paper in chromatographic analysis and quantitative analysis using the primary chromatogram.
F. M. Shemelin, I. P. Khramov. *Tudy 1-go MNI* 17:241-251 '62

PAPER CHROMATOGRAPHY—EQUIPMENT AND SUPPLIES

Semi-automatic densitometer.
A. A. Strelkov. *Vop. med. khim.* 11 no. 3:82-85 My-Je '65

PAPER ELECTROPHORESIS

Electrophoretic division of blood serum proteins in patients with tumors.
I. A. Gorkikhina, I. A. Cherenkovskaya, N. I. Stetsko. *Vop. onk.* 12 no. 1 43-50 '66

PAPER ELECTROPHORESIS—EQUIPMENT AND SUPPLIES

Semi-automatic densitometer.
A. A. Strelkov. *Vop. med. khim.* 11 no. 3:82-85 My-Je '65

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(see also subdivision under Sokol, Vologda Province)
Great creative program. *Bum. prom.* no. 4:1-2 Ap '66

In the Ministry of the Forest, Woodpulp, Paper, and Woodworking Industry of the U.S.S.R., measures to improve the quality of paper for books and periodicals.
Bum. prom. no. 4 inset 2 Ap '66

PAPER MILLS

(see also subdivision under Izlakhna, Gorky Province, Solikamsk)

Mechanization of loading and unloading operations in the warehouses of fiber-flowing materials and chemicals.
M. D. Iltchenovskii, V. P. Aleksandrov. *Bum. prom.* no. 3:21 Ap '66

PAPER PRODUCTS

New developments in the manufacture of paper cups.
I. M. Nedelov. *Khol. toid.* 43 no. 4:44 Ap '66

PAPERBOARD INDUSTRY—EQUIPMENT AND SUPPLIES

What hampers a better utilization of production capacities?
M. M. Dymchits. *Bum. prom.* no. 4:112-113 Ap '66

PAPERMAKING MACHINERY

Automatic regulation of paper sheet tension by the power of the drive shaft.
S. I. Emelianov. *Bum. prom.* no. 4 16-18 Ap '66

Dewatering of various fibrous materials in two-roller presses.
F. M. Bueygin, N. E. Novikov. *Tudy LTITSBP* no. 18:61-65 '65

Effect of the fractional composition of kaolin on the wear of the metallic sections of papermaking machinery.
I. U. N. Maslov. *Bum. prom.* no. 4:21-22 Ap '66

Simplex method for calculating the optimum loading of papermaking machines.
I. A. Ruvinskii, N. R. Pavlukov, I. S. Gornostanovskaya. *Bum. prom.* no. 4:14-16 Ap '66

PAPERMAKING MACHINERY—ABSTRACTS

[Technology and equipment of the woodpulp, paper, and printing industry] *Ref. zhur.*: Tekh. i obr. (sel. bum. i poln. prol. v. nos. 3-4 Mr.-Ap '66)

PAPERMAKING MACHINERY—ELECTRIC DRIVING

Technical and economic indices of differential and multiple-motor driving systems.
B. S. Shagol'. *Bum. prom.* no. 4:23-24 Ap '66

PAPERMAKING MACHINERY—LUBRICATION

Lubrication of papermaking equipment. *Bum. prom.* no. 1:28 Ap '66

PAPERMAKING MACHINERY—MODELS

Unit for modeling paper stock dewatering suction boxes of the wire sections of papermaking machines.
G. A. Nedopekin. *Tudy LTITSBP* no. 18:45-50 '65

PAPERMAKING MACHINERY—PARTS

Some materials used for the manufacture of covers for papermaking machinery suction boxes.
I. U. N. Maslov. *Tudy LTITSBP* no. 18 60-65 '65

PARACHUTING

"People above the clouds." Z. Kozinskaya. *Kryl. lod.* 17 no. 5 14 My '66

PARAFFIN WAX

Applying viscous enamel protective coatings on pipes for preventing paraffin deposition in petroleum production.
G. A. Charov. *Nefteprom. delo* no. 4 31-34 '66

PARAFFINS

Contact-catalytic transformations of normal alkanes in the presence of nickel deposited on various carriers at elevated temperature and hydrogen pressure in a flow system.
N. G. Bekasov, L. F. Topoladze. *Tudy Inst. khim. AN Gruz. SSR* 17 159-167 '61

Continuous process of the synthesis of dicarboxylic acids by oxidation of paraffin hydrocarbons in a liquid phase.
M. I. Lavina and others. *Khim. i tekhn. topl. i masel* 10 no. 1:26-30 Ap '65

Installation for the production of synthetic fatty acids from solid and liquid paraffins.
V. V. Siedin. *Nefteprom. delo* no. 4 30-41 '66

Study of platinum catalysts for the isomerization of paraffin hydrocarbons.
G. N. Maslinskii, N. R. Burdakov, S. A. Baidan. *Zhurn. prikl. khim.* 39 no. 3 650-656 Mr '66

Synthesis of di-tert-alkylperoxy alkanes.
Z. F. Nazarova and others. *Zhurn. org. khim.* 2 no. 2:250-261 F '66

PARAFFINS—SPECTRA

Spectroscopic analyzer of oil in UA'-61 paraffins.
V. M. Ostapov, I. U. V. Popov. *Khim. i tekhn. topl. i masel* 11 no. 3:58-61 Mr '66

PARAGANGLIA see Chromaffin system

PARALYSIS

Effectiveness of prolonged health-resort treatment of poliomyelitis patients with diffuse paralysis.
E. V. Shukhova, N. M. Khasanova. *Vop. kur., fizioter. i lech. fiz. kul't.* 31 no. 1:53-56 '66

Treatment of paralysis in farm animals.
A. V. Dunavlin. *Uch. zap. KVI* 92:132-136 '64

Use of epileptical novocaine block in treating paresis and paralysis of pelvic extremities in cattle and swine.
S. Z. Gaimutdinov. *Uch. zap. KVI* 92 61-65 '64

PARALYSIS AGENTS

Morphological changes in the brain following stereotrope operations for parkinsonism.
A. I. A. Podgornaya, I. I. Kandell. *Vop. prikl. khim.* 30 no. 1:28-32 Ja-F '65

PARAMAGNETIC RESONANCE AND RELAXATION see Electron paramagnetic resonance

PARAMAGNETISM

Effect of paramagnetic particles on singlet-triplet transition in anthracene.
A. A. Berlin and others. *Izv. AN SSR Ser. khim.* no. 4 728-730 '65

Effect of the solvent on the constants of paramagnetic relaxation in liquid solutions of gadolinium nitrate.
G. P. V. Nevskaya, B. M. Koryev. *Zhurn. strukt. khim.* 7 no. 1:24-29 Ja-F '66

Method for determining the composition of paramagnetic admixtures in a flow of liquid.
I. A. Bikhbulatova, A. I. Zheynovoi, S. P. Pivovarov. *Zav. lab.* 31 no. 5:554-558 '65

PARANOIA

Characteristics of the psychopathology and dynamics of depressive-paranoid attacks.
I. V. Shakhmatova-Pavlova. *Vest. AMN SSSR* 21 no. 3:69-74 '66

PARASITES—BIRDS see subdivision under Transbaikalia

PARASITES—CALVES

Anthelmintic and economic effectiveness of phenothiazine in Dielycaulus infestation of calves.
O. S. Karamendin. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 2 no. 5:43-47 S-O '64

PARASITES—CARP

Effect of temperature on the infestation of carps with *Elmiera carpelli* Leger et Stankovitch, 1921.
E. I. Zmerzalska. *Zool. zhur.* 45 no. 2:305-308 '66

PARASITES—CATS

Testing chlorophos as an anthelmintic in helminthiases of carnivores.
M. A. Shelmanov, A. P. Machinskii, V. N. Semov. *Uch. zap. Mord. gos. un.* no. 17:47-51 '65

PARASITES—CATTLE

Preparations for controlling the warble fly infestation of cattle.
A. A. Nepoklonov, G. A. Talaev. *Khim. v sel'-khoz.* no. 4 46-48 Ap '66

Prophylactic extermination of the larvae in young cattle with Hypoderma infestation using chlorophos.
O. P. Pezadav. *Vest. sel'khoz. nauk [Kazakh]* 9 no. 3 109-111 Mr '66

Results of deworming cattle and sheep in fascioliasis.
I. I. Podobin, D. S. Shepelev, A. P. Machinskii. *Uch. zap. Mord. gos. un.* no. 47:17-18 '65

PARASITES—DOGS

Testing chlorophos as an anthelmintic in helminthiases of carnivores.
M. A. Shelmanov, A. P. Machinskii, V. N. Semov. *Uch. zap. Mord. gos. un.* no. 17:47-51 '65

PARASITES—DOMESTIC ANIMALS

Results of the use of chlorophos dusts.
D. S. Shepelev. *Uch. zap. Mord. gos. un.* no. 47:75-77 '65

PARASITES—EURYGASTERS

Larvae of Diptera and Hymenoptera parasitizing on nymphs and adults of Eurygaster integriceps Put.
G. A. Viktorov. *Zool. zhur.* 45 no. 2 220-227 '66

PARASITES—FIELD MICE

Fauna and ecology of gamasid mites of the common field mouse.
I. P. Khomukov. *Med. paraz. i paraz. bol.* 35 no. 1 115-116 Ja-F '66

PARASITES—FISHES see subdivision under Alakol' Lake, Mokska River, South Sukhan Reservoir

PARASITES—GERBILS

Flight of phlebotom from the colonies of greater gerbils (*Rhombomys opimus*).
T. I. Dergacheva. *Med. paraz. i paraz. bol.* 35 no. 1 43-48 Ja-F '66

PARASITES—HORSES

Ontogeny of *Cylicodontophorus bicoronatus* Looss, 1900, a parasite of the large intestines of a horse.
N. I. Demshin. *Soob. DVFAN SSSR* no. 23:119-123 '64

PARASITES—LAC INSECTS

Enemies of lac insects and raw lac.
A. Zagulayev. *Zashch. rast.* 11 no. 2:48 '66

PARASITES—MICE see subdivision under Transbaikalia

PARASITES—MOLLUSKS see subdivision under Black Sea

PARASITES—POULTRY

Prevention and eradication of ectoparasites of poultry.
B. A. Frolov. *Veterinariia* 42 no. 3:100-108 Mr '65

Use of chlorophos in ascaridiasis of chicks.
A. P. Machinskii. *Uch. zap. Mord. gos. un.* no. 47:52-54 '65

PARASITES—RODENTS

(see also subdivision under Chita Province)

Flea exchange between gerbils and jerboas.
A. S. Sahlaev. *Zool. zhur.* 45 no. 2:312-313 '66

PARASITES—SHEEP

Expenditure of surgical treatment of coenurosis in sheep and the technique of the removal of coenurus bladders.
M. L. Artem'ev. *Uch. zap. KVI* 92:243-246 '64

Results of deworming cattle and sheep in fascioliasis.
I. I. Podobin, D. S. Shepelev, A. P. Machinskii. *Uch. zap. Mord. gos. un.* no. 47:17-18 '65

Results of the use of hexachloroethane suspension with feed chalk in fascioliasis of sheep.
I. U. K. Gorbov, A. A. Gromkova, A. P. Machinskii. *Uch. zap. Mord. gos. un.* no. 47:19-21 '65

Role of *Protostrongylus* infestation of sheep lungs in the development of secondary (infectious) pneumonia.
U. Ighmanov. *Vest. sel'khoz. nauk [Kazakh]* 9 no. 3 68-71 Mr '66

PARASITES—SWALLOWS

Parasitic insects in the nests of the European martin (*Delichon urbica* L.) in Odessa.
I. U. E. Volinskii. *Med. paraz. i paraz. bol.* 35 no. 1:116 Ja-F '66

PARASITES—SWINE see subdivision under White Russia

PARASITES—TICKS

Critidia in eggs of *Boophilus calcaratus* Bir.
E. A. Muratov. *Dokl. AN Tadzh. SSR* 8 no. 2:37-39 '66

PARASITES—VARICORINUS

New species of the monogenetic trematode *Dacylegatus chramuli* sp. nov. L. I. Kovaleva. *Sov. AN Gruz. SSR* 11 no. 2:435-137 p. '66

PARASITIC PLANTS

Parasitism of the Caucasian lousewort. T. N. Popova. *Nauch. dokl. vys. shkoly, biol. nauk* no. 2:113-118 '66

PARASYMPATHOLYTIC AGENTS

Comparative characteristics of the absorption of tertiary and quaternary cholinolytic agents in the gastrointestinal tract. S. N. Golikov, D. P. Lebedev. *Farm. izvesta* 28 no. 4:446-149. 11-1g '65

Effect of cholinergic blocking agents on the specific afferent system of the somatosensory zone of the cerebral cortex. V. B. Pionozovskii, Zhur. vys. nerv. delat. 16 no. 2:336-342. 11-1g '66

Effect of transamine, phenamine, and pyridole on the duration of hexonal anesthesia and the central cholinolytic properties of these compounds. I. A. I. A. Baitals. *Farm. izvesta* 28 no. 2:131-135. 11-1g '65

Makhaumov, M. N. [Use of cholinolytic substances in gastroenterology] *Primenenie kholinoliticheskikh veshchestv v gastroenterologii*. Pod red. E. I. Alakhanova. Tashkent, Izd-vo Meditsina Uzbekskoi SSR, 1965. 87 p. (DNLN)

PARASYMPATHOMIMETIC AGENTS

Changes in the activity of cholinomimetic substances in the intestinal wall in experimental obstruction of the intestine. I. U. M. Dudaev, *Pat. fiziol. i eksp. terap.* 10 no. 1:69-71. 11-1g '66

PARATYPHOID DISEASES IN ANIMALS

Use of propolis for the prophylaxis of paratyphoid fever in ducklings. S. C. Rokrovskii. *Uch. zap. KVI* 10:202-207 '64

PARATYPHOID FEVER

Smirnov, B. N. [Antibiotic therapy and immunity in paratyphoid infection] *Antibiotiko-terapiya i immunitet pri paratifoiznoi infektsii*. [Leningrad] Meditsina, 1966. 126 p. (Biblioteka prakticheskogo vracha) (DNLN)

PARATYPHOID FEVER—MICROBIOLOGY

Effectiveness of specific vaccination in monkeys against paratyphoid fever. V. D. Gekker and others. *Zhurn. mikrobiol., epid. i immun.* 43 no. 3:112-117. 11-1g '66

PARATYPHOID FEVER—PREVENTIVE INOCULATION

Compound vaccine prophylaxis of brucellosis and paratyphoid fever in sheep. B. A. Matvienko, G. M. Ivanova. *Trudy AZVI* 13:101-105 '64

Prevention of the formation of carrier state using antibiotic vaccine therapy in patients with typhoid fever and paratyphoid fever. Report No. 1. Characteristics of the course of typhoid and paratyphoid fever during the treatment with levomycesin and dry alcoholic typhoid-paratyphoid B vaccine. A. F. Bilbikin and others. *Zhurn. mikrobiol., epid. i immun.* 43 no. 3:107-112. 11-1g '66

PARENT AND CHILD

Family atmosphere. N. Dolina. *Sem'la i shkola* 21 no. 3:10-11. 11-1g '66

PARIS—ART GALLERIES AND MUSEUMS

Notes on the artistic life in Paris. N. Iavorskaia. *Iskusstvo* 29 no. 2:49-56 '66

PAROLE

Decision No. 3 of the Plenum of the Supreme Court of the U.S.S.R. of April 9, 1965 supplementing Decision No. 4 of the Plenum of the Supreme Court of the U.S.S.R. of March 25, 1964, entitled, "Implementation by courts of the Decree of the Presidium of the Supreme Soviet of the U.S.S.R. of March 20, 1964, known as 'Conditional release from places of detention of convicts showing reformed conduct, for work on the construction of enterprises of the national economy'" *Blud. Verkh. Suda* no. 3:12-13 '65

PAROPAMISUS MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Paleocene sediments in the Badkhyz region and in the spurs of the Paropamius Mountains. I. U. P. Chepov. *Vest. Mosk. un. Ser. 4-Geol.* 19 no. 2:35-38. 11-1g '66

PAROTID GLANDS

Secretory activity of parotid glands in sheep as related to the functional state of the thyroid gland. R. M. Trofimova. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 2 no. 5:48-53. 11-1g '64

PAROTID GLANDS—INNERVATION

Manifestation in section values of some principles in the work of the paired reflex arch of salivation. A. I. Vesil'ev. *Vop. srav. fiziol. anal.* no. 2:66-81. 11-1g '66

PAROVARIUM—DISEASES

Parovarian cysts and pregnancy. N. A. Klitskii. *Sov. med.* 29 no. 4:140-117. 11-1g '66

PARSNIPS

Classification of the composition of parsnips and the isolation of sphenol. N. P. Makhutina. *Khim. prirod. soed.* no. 2:133-135 '65

PART-TIME FARMING see subdivision under Lukoyanov District

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS

Acceleration of a charged particle in the field of a plane wave with variable phase velocity. V. B. Krasovitskii. *Atom. energ.* 20 no. 4:347-348. 11-1g '66

Channel for the injection of a 100 Mev. electron beam into the magnetic quadrant of a storage ring. I. O. Ryshakov and others. *Ukr. fiz. zhurn.* 11 no. 1:359-362. 11-1g '66

Coherent instability of a beam in a chamber with nonconducting walls. V. V. Mazepus, B. V. Chibrikov. *Atom. energ.* 20 no. 1:340. 11-1g '66

Professions of accelerated microparticles. G. Sakaguchi. *skil. NTO* 6 no. 1:3-6. 11-1g '66

PARTICLE BOARD

Borisyev, A. P., and others. [Laminated materials of wood particles bonded with synthetic resins] *Plinye materialy iz drevnykh chastits na synteticheskikh smolakh*. Moskva, Stroizdat, 1966. 80 p.

Pay more attention to the economics of production of wood particle boards. I. A. Khalkin. *Der. prom.* 15 no. 1:3-5. 11-1g '66

Warping of wood-particle boards in furniture manufacture. V. I. Plaksin. *Der. prom.* 15 no. 4:18-21. 11-1g '66

PARTICLE SIZE DETERMINATION

Determining the size of particles in finely dispersed suspensions of polymeric materials. V. I. Sokolov and others. *Zav. lab.* 32 no. 3:305-307. 11-1g '66

Fundamentals of producing granulated ferroalloy for ore dressing. V. I. Klassen, I. I. Kuznetsov, I. N. Plaksin. *Met. i gorn. ind. prom.* no. 2:74-77. 11-1g '66

Genetic interpretation of mechanical analysis by Passaga's method on the Upper Paleolithic materials of the Lesser Karatau. I. Z. Kolesnikova. *Izv. AN Kazakh. SSR Ser. geol.* 23 no. 2:77-79. 11-1g '66

Investigating the size and charge of particles determining the degree of additives. G. I. Shor, I. U. S. Zaslavskii, I. A. Morozova. *Khim. i tekhn. topl. i masel* 10 no. 1:55-59. 11-1g '66

Statistical characteristics of the granulometric composition of dispersed materials. G. L. Gershanovich. *Izv. VNIIG* 74:157-165. 11-1g '64

PARTICLES

Character and rate of fall of a system of particles of identical size. V. G. Khoizman, *Izv. AN SSSR. Fiz. atm. i kosm.* 2 no. 4:384-401. 11-1g '66

PARTICLES—DRYING

Studying the processes in the fluidized bed of wood particles. A. P. Kobyl'skikh. *Der. prom.* 15 no. 4:13-14. 11-1g '66

PARTICLES (NUCLEAR PHYSICS)

Mass formulae in the SU(6)-symmetry theory. N. N. Achasov, V. G. Kadyshovskii, R. M. Mamedov. *Izd. fiz.* 3 no. 4:719-721. 11-1g '66

Theory of elementary particles. N. S. Akulov. *Dokl. AN BSSR* 10 no. 3:151-155. 11-1g '66

PASSIVATION

Passivity of metallic materials. A. I. Shulin, N. N. Milhailin. *Zhurn. prikl. khim.* 38 no. 2:340-355. 11-1g '66

PASTE

Cement-sand paste instead of mortar. V. Shvachenko, I. U. Solomentsev, A. Shchepanov. *Stroitel. khim.* Mosk. 15 no. 4:10-21. 11-1g '66

Effect of aliphatic alcohols on the structure formation and strength of white silica pastes in polymethylsiloxane. T. I. Zatsopina, A. A. Tlapoznikov, R. N. Shchubakov. *Koll. zhurn.* 28 no. 2:313-318. 11-1g '66

Preparation of arsenic paste and its analysis. M. H. Chaplyneka. *Farmatsev. zhurn.* 19 no. 5:9-12. 11-1g '61

PASTEURILLA

Monomycin-dependent forms of plague microbes. L. N. Makarovskaya. *Antibiotiki* 10 no. 4:348-357. 11-1g '65

PASTURELLA—CULTURES AND CULTURE MEDIA

Incorporation of HCl4OONa into the bacterial cells and nucleic acids of the EV strain of the plague microbe. V. G. Mal'skii, M. L. Bekker. *Vop. med. khim.* 11 no. 3:35-40. 11-1g '65

PASTURES AND MEADOWS

(see also subdivision under Dublyany region, Ivov Province, Germany, East, Kaliningrad Province, Kazakhstan, Kordojoga District, Novyy Yarychev region, Ukraine; Svetlichnoye region, Ukraine)

Effect of individual legumes on the yield and botanical forms of grass stands in a flooded meadow. I. A. Il'ina. *Agrobizn.* no. 1:51-58. 11-1g '66

PASTURES AND MEADOWS—FERTILIZERS AND MANURES see Grasses—Fertilizers and manures

PATENT LAWS AND LEGISLATION

Disputes settled in court. A. Kondrat'ev. *1 kon. rad. Ukr.* 8 no. 7:80-82. 11-1g '65

PATENTS

[Inventions, industrial samples, trademarks] *Uchen. i prom. obzor, izv. zhuk.* 43 no. 1:7-8. 11-1g '66

Patenting and patent literature. G. Korengin. *Gazeta. av.* 22 no. 4:29. 11-1g '65

PATHOGENIC BACTERIA see Bacteria, Pathogenic

PATHOLOGICAL ANATOMY see Anatomy, Pathological

PATHOLOGICAL HISTOLOGY see Histology, Pathological

PATHOLOGICAL LABORATORIES see subdivision under Kazakhstan

PATHOLOGY—ABSTRACTS

[General problems of pathology. Oncology] *Izv. zhurn. Ob. vop. pat. Onk.* nos. 1-4. 11-1g '66

PATHOLOGY, CELLULAR

Reactive changes in some cells of the organism of animals under the effect of the foot-and-mouth disease virus. B. M. Triapkin, N. A. Kiylova, G. S. Titova. *Uch. zap. KVI* 93:256-262. 11-1g '64

Studying the cytopathogenic action of the foot-and-mouth disease virus on the cellular level and using electron microscopic techniques. N. A. Kiylova. *Uch. zap. KVI* 93:251-255. 11-1g '64

PATRIOTISM see subdivision under Lithuania

PATTERNMAKING

Nonspontaneous pattern compositions for precision casting. I. U. L. Peizovskikh, I. A. Zhadenov. *Izv. vuzov. no. 3:5-7. 11-1g '66*

Precision of assembling in various methods of fixing patterns on plates. P. V. Chernogorov, V. L. Shvachenko. *Lit. proizv.* no. 3:4-5. 11-1g '66

PAVLODAR—PRECAST CONCRETE

Make provisions for scientific labor organization in plants. V. Vojlov, N. A. Khaz. *Kazakh.* 24 no. 1:61-65. 11-1g '66

PAVLODAR PROVINCE—STOCK AND STOCKBREEDING

Livestock farming in the border area between steppe and semidesert. G. Z. Vesnina. *Vest. Mosk. un. Ser. 5-Geog.* 21 no. 2:56-61. 11-1g '66

PAVLOGRAD (UKRAINE)—WORLD WAR, 1938-1945

The uprising in Pavlograd in September 1943. I. A. Omel'ianenko. *Ukr. ist. zhurn.* 9 no. 2:80-91. 11-1g '65

PAVLOV, VLADIMIR FEDOROVICH

On war and peace routes. M. Krivitskii. *Gazeta. av.* 22 no. 4:8. 11-1g '65

PAYMENT

Control over the settlement of accounts in automotive transportation. A. Borisova. *Den. i kred.* 24 no. 4:43-45. 11-1g '66

Differentiation of payment norms for capital assets. V. Bocharov. *Plan. khoz.* 43 no. 5:63-64. 11-1g '66

Kosol, A. M. [Ways to accelerate payments in the national economy] *Puti uskoreniiya raschetov v narodnom khoziaistvo*. Moskva, Finansy, 1966. 126 p.

Prognostic forms of payments. M. Aronova. *Den. i kred.* 24 no. 4:38-43. 11-1g '66

Simplify payments for goods sold on credit. M. Neolova, K. Korol'kov. *Bukh. uch.* no. 3:41-48. 11-1g '66

PAYMENT—ACCOUNTING

A method of accounting for payments without the register. V. Obukhanich. *Bukh. uch.* no. 3:40-41. 11-1g '66

PEACE

Minaslan, N. M. [Law of peaceful coexistence] *Pravo mirovno sushchestvovaniya*. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1966. 267 p.

PENZA PROVINCE—RURAL LIBRARIES

The reading rooms of rural libraries in Ivanovo.
Bibliotekar' 13 no.4:29-30 Ap '66

PEPSIN

Enzymatic hydrolysis of denaturated hog pepsin by trypsin.
V.M. Stupakov, R.A. Matveeva. Khim. prirod. soed. no.2:120-132 '65

Physicochemical study of the mechanism of enzyme inactivation. Report No.2. Thermodynamic analysis of the inactivation of enzymes - pepsin and pepsin. L.Kh. Eidus. Biokhimiya 11 no.2:217-222 '65

Study of the effect of acetylmidoazole on pepsin. L.A. Lokshina, V.N. Orekhovich, Biokhimiya 31 no.1:143-150 Ja-F '66.

PEPTIC ULCER

Late results of surgical treatment of gastric and duodenal ulcer based on the materials from some Volgograd hospitals. E.A. Novikova. Vopr. travm. no.2:207-212 '63

Pathogenesis, clinical aspects, and prevention of peptic ulcer. A.P. Ivanov, D.B. Marshalkovich. Voen.-med. zhur. no.3:27-31 Mr '66.

Peptic ulcer in young servicemen. G.A. Vilunov, G.I. Glezer, V.IU. Gubanov. Voen.-med. zhur. no.3:36-39 Mr '66.

Problems in experimental study of peptic ulcer. I.T. Kutsain. Pat. fiziol. i eksp. terap. 10 no.1:3-9 Ja-I '66.

Reactivity of the skin under the effect of mediators in peptic ulcer. N.A. Baginskaya, A.D. Kojanava. Sborn. stud. nauch. iab. Aikh. gos. med. inst. no.2:10-11 '63.

Skin temperature in peptic ulcer. L.A. Igatenova, R.L. Kostenko, L.V. Molchranova. Sborn. stud. nauch. iab. Aikh. gos. med. inst. no.2:8-9 '63.

Some problems in the treatment of peptic ulcer of the stomach and duodenum. A.N. Berkutov. Voen.-med. zhur. no.3:31-35 Mr '66.

Use of blood and blood substitutes in the treatment of gastritis and peptic ulcer. A.A. Blin, V.G. Zagashvili. Voen.-med. zhur. no.3:39-41 Mr '66.

PEPTIDES

Acid soluble nucleotide peptides of the rabbit liver. M.K. Yelnova, I.F. Babenko, N.M. Sisakian. Biokhimiya 31 no.1:151-155 Ja-F '66.

Comparative study of the hydrolytic stability of a phosphamide bond in adenylyl-(5'→N)-amino acids and peptides. T.S. Rjabova, Z.A. Shabarova. Vest. Mosk. un. Ser. 2 Khim. 21 no.1:114-117 Ja-F '66.

Inhibition of polypeptide synthesis in ribosomes by transfer ribonucleic acids. T.I. Zhilinaeva, L.L. Kiselev. Biokhimiya 31 no.1:201-211 Ja-F '66.

Study of some copper complexes of peptides. A.P. Bolsova, L.N. Afimova, I.A. Savich. Vest. Mosk. un. Ser. 2 Khim. 21 no.1:57-59 '66.

Synthesis of peptides in aqueous solutions by means of water soluble carbodiimide. Part 2. Synthesis of peptides containing C-terminal phenylalanine, tyrosine, serine, and proline. D.G. Kharro, T.N. Shubina. Zhur. obkhim. 36 no.4:558-560 Ap '66.

PEPTONES

Proteolysis of the intestines of Caspian Basin fish and production of fish peptone. D.Kh. Nagaeva, A.P. Chernogortsev. Izv. vys. ucheb. zav., pishch. tekhn. no.2:89-92 '66.

PERCEPTONS

See also: cutaneous sensation

PERESLAVL'-ZALESSKIY (YAROSLAVL PROVINCE)—ARCHITECTURE

Vasil'ev, S.D., and K.I. Ivanov. [Monuments of 12th century architecture in Pereslavl'-Zaleskiy]. Pamiatniki zодчества XII veka v Pereslavl'-Zaleskoni, [Pereslavl', Verkhne-Volzhskoe knizhnoe izd-vo, 1966 27 p.

PERESLAVL'-ZALESSKIY REGION (YAROSLAVL PROVINCE)—NAVAL MUSEUMS

Ivanov, K.I. [The "Botik" manor, birthplace of the Russian Navy]. Usad'ba "Botik" - mesto rozhdeniya russkogo voennogo flota. [Pereslavl', Pereslavl'-Zaleskiy istoriko-khudozhestvennyi muzei, 1966. 24 p.

PERFUMES see subdivision under Moscow

PERFUSION PUMP (HEART) see subdivision under Khrushchinsk

PERICARDIUM—SURGERY

Evaluating a new method for pericardiectomy in cows under farm conditions. V.V. Varnikov. Uch. zap. KVI 92:25-28 '64

PERIODIC FUNCTIONS see Functions, Periodic

PERIODIC LAW

Grigorovich, V.K. [Mendeleev's periodic law and the electron structure of metals]. Periodicheskiy zakon Mendeleeva i elektronnoe stroenie metallov. Moskva, Nauka, 1966. 286 p. (K 100-letiiu so dnya otkrytiya periodicheskogo zakona)

Periodic system of atomic nuclei. M.L. Chepelevskii. Zhur. fiz. khim. 40 no.2:307-316 F '66

Quantitative regularities in the physical properties of chemical elements resultant from the periodic law. F.M. Shemlakin. Trudy I-go MII 17:84-103 '62.

Regularities in the properties of chemical elements detectable in triangular array with double entry. F.M. Shemlakin. Trudy I-go MII 17:252-256 '62

Theory of periodical reactions. F.M. Shemlakin. Trudy I-go MII 17:72-83 '62.

PERIODICALS

Organization of subscriptions to periodical literature in a research institute. L.S. Kozachikov, L.P. Plisatova. NTI no.3:15-17 '65.

PERIODICALS—BIBLIOGRAPHY see Bibliography—Periodicals

PERIODICALS—CATALOGS

Russia (1923- U.S.S.R.). Glavnoe upravlenie po rasprostraneniyu pechati. [Catalog of foreign newspapers and periodicals for 1963]. Katalog zarubezhnykh gazet i zhurnalov na 1963 god. Moskva, 1962. 352 p.

PERIODICALS—CIRCULATION see Newspaper and periodical circulation

PERIODICITY

Changes in the motor visceral regulation of the blood circulation during different times of the day. V.V. Kikhanskii and others. Dokl. Akad. Nauk, 1966, no.4:22-23 '65.

Necessary conditions for the existence of positive periodic solutions of some nonlinear systems of the second order. G.I. Iuzefovich, V.A. Il'garber, Biokhimiya 11 no.2:345-351 '66.

PERIOSTEUM

Stratification of the periosteal region of the tubular bones of the extremities as a criterion of mammal age determination. E.A. Klebanova, G.A. Klevezal', Zool. zhur. 45 no.3:406-413 '66

PERIPHERAL CIRCULATION

Results of using the rheographic method for the evaluation of the state of the peripheral blood circulation. E.A. Denisova. Sov. med. 29 no.4:7-12 Ap '66.

Syndrome of peripheral spasm and the centralization of blood circulation in thoracic surgery. L.P. Cho, I.I. A.A. Tsyganil. Khirurgiia 42 no.4:45-52 Ap '66.

PERIPHERAL NERVES see Nerves, Peripheral

PERITONITIS

Absorption and excretion of phosphorus compounds by the organism of chicks with leukosis and peritonitis caused by the rupture of mature follicles. N.I. Sarychev. Uch. zap. Mord. gos. un. no.47:105-110 '65.

Effect of some simultaneous neural and humoral influences on the differential leucocyte count and on the course and outcome of acute aseptic peritonitis. E.I. Trutnov. Uch. zap. KVI 93:106-110 '64.

Surgical treatment of traumatic reticular peritonitis in cattle under farm conditions. V.V. Mosin and others. Uch. zap. KVI 92:3-9 '64.

PERIWINKLE (BOTANY) see subdivision under Geophytes

PERLITE (MINERAL)

Resistance of expanded perlite to the action of an aqueous medium preliminary communication. R.I. Ponomarev. A.I. Polynkovskaya, O.A. Chernova. Sborn. stud. VGU. STROM no.1:2-39 '61.

PERM—DESCRIPTION

This is Perm. V mire knig 6 no.3:11-15 Mr '66.

PERM—LOADING AND UNLOADING

Technology of handling logging lumber cargoes. G. Gel'man. Rech. transp. 21 no.3:43-45 Mr '61

PERM—LUNGS—CANCER

Morbidity and mortality due to lung cancer in Perm Province, 1959-1964. I.A. Borovikova. Vopr. onk. 19 no.1:10-15 '66

PERM PROVINCE—BORING

Air drilling of structural wells in Perm Province. A.I. Suf'lanov. Ruvente no.4:10-12 '60

First experimental air drilling of structural wells in Perm Province. A.Suf'lanov. Neftnik 10 no.11:21-28 N '65.

PERM PROVINCE—CONSTRUCTION WORKINGS

Run, my torch! V. Mikhailuk. Mol. komm. no.6:12-15 Ja '61

PERM PROVINCE—FORAMINIFERA, FOSSIL

Limestones containing the Kizhnyaya Polyana complex of Foraminifera in Cambrian rocks of Perm Province. V. V. Vlasov-Chuvayev and others. N.A. Sokolova, V.I. Ivanova. Trudy VNIIGI no.46:161-161 '65.

PERM PROVINCE—GAS, NATURAL

Gas potential of the formation waters in Perm Province. A.V. Zil'galev, A.V. Shchegolev. Trudy VNIIGI no.46:256-256 '65.

PERM PROVINCE—GAS, NATURAL—ANALYSIS

Characteristics of oil and gas from new oil fields in Perm Province. N.A. P'linkov and others. Trudy VNIIGI no.46:240-255 '65.

PERM PROVINCE—GAS, NATURAL—GEOLOGY

Geological characteristics of the noncompacted layer of the Assel'-Sakmara-Artinskoye time in the Yuzovskaya Sylva trough in connection with oil and gas accumulation in reefs. Z.S. Ivanova, L.V. Kiseleva, F.I. Khat'kun. Neftgaz geol. i geofiz. no.4:11-11 '60

Method of prospecting for oil and gas in the Kama Valley. Through in Perm Province. A.V. Nikulin and others. Trudy VNIIGI no.46:185-201 '65.

New data on oil and gas occurrences in the northern and central regions of Perm Province. N.A. Tikhonova, B.P. Bolyshov, V.N. Rybnikov. Trudy VNIIGI no.46:23-30 '65.

Results of using the morphological method for detection of local structures in the Kama Valley portion of Perm Province. E.I. Vokhutanina. Trudy VNIIGI no.46:200-210 '65.

PERM PROVINCE—GEOLOGY, STRATIGRAPHIC

Boundary of the lower and upper division of the Permian system in the Kama Valley portion of Perm Province. B.I. Danilov, P.M. Sukarevich. Trudy VNIIGI no.46:169-176 '65.

Dividing sediments preceding the Middle Devonian in the cross section of the Kudylnar key well; Perm Province. V.N. Sharanova. Trudy VNIIGI no.46:113-133 '65.

Facies of "roof train" in the Lower Permian sediments of the Kama Valley portion of Perm Province. A.V. Nikulin, A.A. Chornin. Lit. i pol. iskop. no.2:141-144 Mr-Apr '66.

Mineralogical facies of Devonian clay sediments in Perm Province. L.I. Gorbunova. Trudy VNIIGI no.46:134-146 '65.

PERM PROVINCE—GEOLOGY, STRUCTURAL

New data on the tectonic characteristics of the Kama Valley portion of Perm Province based on geophysical studies. K.S. Shorshnev. Trudy VNIIGI no.46:189-191 '65.

Tectonic criteria for evaluating oil potential of the Kama Valley portion of Perm Province. R.O. Khachatryan, V.I. Gromeka. Trudy VNIIGI no.46:101-105 '65.

Tectonics of the cis-Ural Trough on the territory of Perm Province. A.V. Nikulin. Trudy VNIIGI no.46:110-120 '65.

Tectonics of the upper part of the sedimentary cover of Paleozoic sediments in Perm Province. L.S. Sinina, P.I. Romanov. Trudy VNIIGI no.46:104-109 '65.

PERM PROVINCE—GRAVITY ANOMALIES

Boundaries of gravity effect and gravity anomalies over local uplifts of the platform part of Perm Province. V.M. Novoselitskii. Izv. vys. ucheb. zav. i nauch. issled. no.8:10-12 '65.

PERM PROVINCE—HOUSING FOR PHYSICALLY HANDICAPPED

From the board of the Ministry. Sots.obesp. 41 no.3 56 Mr '66.
House without a master. G. Aleshin Sots obesp 41 no.4 38-40 Ap '66.

PERM PROVINCE—INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION

A year ahead of schedule F. Pochinayev. Na stol'its 7 no.3 15-16 Mi '66

PERM PROVINCE—KARST

Study of the manifestations of ancient karst in connection with oil prospecting in the Shumovskoye area. N. N. Markov, Sh. V. Abashev. Trudy VNIIGI no.16:239-247 '65.

PERM PROVINCE—LIMESTONE

Limestones containing the Krasnaya Polyana complex of Foraminifera in Carboniferous sediments in the Kuvshinovskoye-Chusovoye saddle. N. A. Sokolova, V. I. Kornilova. Trudy VNIIGI no.18 151-154 '65.

PERM PROVINCE—OIL FIELD BRINES—ANALYSIS

Ammonium content in Paleozoic formation waters in Perm Province. F. M. Tyver'ko, I. N. Sheslov, E. L. Sukharevich. Geol. neft' i gaz 10 no.3 52-55 Mr '66.

PERM PROVINCE—OIL SANDS

Petrographic characteristics and reservoir properties of Middle Carboniferous producing layers in the Kama portion of Perm Province. V. P. Polapov, E. M. Udovichenko. Trudy VNIIGI no.46:219-229 '65.

PERM PROVINCE—PETROLEUM—ANALYSIS

Characteristics of oil and gas from new oil fields in Perm Province. N. A. Plonkov and others. Trudy VNIIGI no.16:240-255 '66.

PERM PROVINCE—PETROLEUM GEOLOGY

Evaluating prospects for finding oil and gas in Perm Province, the adjacent regions of Kirov Province, and the Udmurt A.S.S.R. V. A. Lobov. Trudy VNIIGI no.46:10-22 '65.

Geological characteristics of the noncompensated trough of the Assel'-Sakmaria-Artinskoye time in the Yuz'yanskye-Syva trough in connection with oil and gas searching in reefs. Z. S. Ivanova, I. V. Kiseleva, F. I. Khut'manov. Neft' i gaz 10 no.11 11-12 '66.

Geological structure and oil and gas potentials of the Ural structural step. A. A. Korolev. Trudy VNIIGI no.16:88-97 '65.

Hydrochemistry of underground waters and possible oil accumulations in Perm Province. V. N. Ivanov, I. N. Sheslov. Trudy VNIIGI no.46:66-79 '65.

Isolating paleokarstic reservoirs in Perm Province using field-geophysical methods. I. I. Entsov. Trudy VNIIGI no.46:211-218 '65.

Method of prospecting for oil and gas in the eta-Ural Trough in Perm Province. A. V. Nikulin and others. Trudy VNIIGI no.46:105-201 '65.

New data on oil and gas occurrences in the northern and central regions of Perm Province. N. A. Trifonov, B. P. Belyshev, V. N. Rybakov. Trudy VNIIGI no.46:23-30 '65.

Results of using the morphological method for detecting local structures in the Kama Valley portion of Perm Province. E. I. Vokhminina. Trudy VNIIGI no.46:206-210 '65.

Stratigraphic division of Middle Carboniferous producing sediments in the Kama Valley portion of Perm Province and petroliferous layer logging. P. M. Sukharevich. Trudy VNIIGI no.46:155-160 '65.

Study of the manifestations of ancient karst in connection with oil prospecting in the Shumovskoye area. N. N. Markov, Sh. V. Abashev. Trudy VNIIGI no.46:239-247 '65.

Tectonic criteria for evaluating oil potential of the Kama Valley portion of Perm Province. R. O. Khachatryan, V. I. Gromeka. Trudy VNIIGI no.46:101-100 '65.

Tectonics and oil occurrences in the Chernushka swell. B. V. Lopashov, N. I. Chernov. Trudy VNIIGI no.46:10-53 '65.

PERM PROVINCE—PROSPECTING

In the vanguard of Perm mineral prospectors. A. Simbrnov. Neft' i gaz 10 no.11:4-5 N '65.

PERM PROVINCE—PROSPECTING—GEOPHYSICAL METHODS

Isolating paleokarstic reservoirs in Perm Province using field-geophysical methods. I. I. Entsov. Trudy VNIIGI no.46:211-218 '65.

PERM PROVINCE—REEFS

Buried reef massifs of the Artinskian age in the Ural Mountain region of Perm Province. V. Z. Khursik. Izv. vyz. ucheb. zav.; geol. i razv. 9 no.4:20-33 Ap '66.

PERM PROVINCE—ROCKS, SEDIMENTARY

Tectonics of the upper part of the sedimentary cover of Paleozoic sediments in Perm Province. L. S. Shnos, P. I. Romanov. Trudy VNIIGI no.46:104-100 '65.

Types of sedimentary formations of Lower Permian sediments in the Syva Depression and the adjacent part of the Russian Platform. A. A. Obozrin. Trudy VNIIGI no.46:177-181 '65.

PERM PROVINCE—SALT DOMES

Conditions determining the development of the Solikamsk Depression. V. I. Kopin. Trudy VNIIGI no.46 121-129 '65.

PERM PROVINCE—SEISMIC PROSPECTING

Geological interpretation of deep reflections in the Kudykar key well. G. M. Frolovich. Trudy VNIIGI no.46:202-205 '65.

PERM PROVINCE—WATER, UNDERGROUND

Gas potential of the formation waters in Paleozoic sediments of Perm Province. A. V. Zhiquliev, A. V. Shurubov. Trudy VNIIGI no.16:250-259 '65.

PERM PROVINCE—WATER, UNDERGROUND—ANALYSIS

Hydrochemistry of underground waters and possible oil accumulations in Perm Province. V. N. Ivanov, I. N. Sheslov. Trudy VNIIGI no.46:66-79 '65.

PERM UNIVERSITY

Not outlines, but a detailed and thorough plan. / P. Lartogov, R. A. Kamenchenko. Vest. vys. shkoly 21 no.4:9-12 Ap '66.

PERMAFROST see Frozen ground

PERMEABILITY

Permeability of the gastric wall and diaphragm for vital stains. A. A. Kromin, A. Ia. Golova, T. N. Shpilko. Sb. nauch. i ob. i kh. gos. med. inst. no.2:1-5 '63.

PERMITTIVITY see Dielectric constant

PEROVSKITE

Isolation of perovskite with a complex-forming collector. T. B. Nafonov and others. TSvet mel 39 no.3:17-10 Mr '66.

PEROXIDES

Initiation mechanism of polymerization in the presence of the system peroxide - alkyl pyridinium halide in alkaline media. S. N. Tiubitsyna, M. F. Margaritova, N. S. Prostakov. Vysokom. soed. 8 no.3:532-535 Mi '66.

Lithium aluminum hydride in analysis. Report No.3. Determination of organic peroxides and hydroperoxides, and impurities of peroxide compounds in alkylacetylenes. A. P. Turen'ev, G. G. Lirskova, E. A. Bondarevskaya. Zhur. anal. khim. 21 no.3:355-359 '66.

Thermal decomposition of bis-(1-hydroxyalkyl)peroxyacyl-alkyl peroxides. A. I. Kirillov. Zhur. org. khim. 2 no.2:220-225 F '66.

PEROXIDES—CONGRESSES

Conference on the technology of inorganic peroxide compounds. I. I. Vol'nov. Zhur. prikl. khim. 38 no.2:464 F '65.

PEROXIDES—PHYSIOLOGICAL EFFECT

Effect of some peroxides and ionizing radiation on mice. A. S. Popov. Radiobiologiya 6 no.2:206-209 '66.

PEROXY ACIDS

Acid-catalyzed reaction of olefins with peroxy acids. V. N. Sapunov, N. N. Lebedev. Zhur. org. khim. 2 no.2:225-231 F '66.

PEROXY COMPOUNDS

Kinetics and mechanism of the epoxidation of olefins with hydrogen peroxide and the catalysis by tungstates. V. N. Sapunov, N. N. Lebedev. Zhur. org. khim. 2 no.2:273-280 F '66.

PEROXYDISULFATES

Use of complex III in the determination of chromium in steels by the persulfate method. M. A. Shashkin. Zhur. anal. khim. 21 no.3:376-377 '66.

PEROXYTUNGSTATES

Process of dehydration of peroxotungstates of the zinc subgroup elements. G. A. Bogdanov, R. V. Kolobkova, N. A. Korotchenko. Zhur. fiz. khim. 40 no.4:855-861 Ap '66.

PERRHENATES

Catalytic effect of bivalent copper ions on the interaction of perbenzoate with thiocyanate. V. M. Tarajan, L. G. Mushoglan, M. G. Ekimian. Dokl. AN Arm SSR 12 no.1:19-22 '66.

Neodymium and samarium perrhenates. V. E. Plushchey, M. B. Varfolomeev. Zhur. neorg. khim. 11 no.2:284-288 F '66.

PERRIERITE

Chevkinite-perrierite. I. T. Aleksandrova, A. M. Por'nov. Geol. mest. red. elem. no.26:129-147 '66.

PERSIA see Iran

PERSONALITY

Criticism of certain bourgeois concepts of personality in West German philosophy. R. A. Bozhik. Vest. LGU 21 no.5 74-82 '66.

The development of personality and present-day science. I. A. Mayr. Uch. zap. kaf. obshchestv. nauk vuz G. L. n. 11 no.7 101-111 '63.

PERSONS (INTERNATIONAL LAW)

Lukashuk, I. I. [Parties to international agreements] Sbornik v mezhdunarodnykh dogovorakh. Moskva, Nizhicheskaya literatura, 1966. 160 p.

PERVOMAYSK (UKRAINE)—CITY PLANNING

Pervomaysk, a city of chemists. S. Petrov, L. Ivanovskii. Stroi. i arkh. 12 no.3 19-20 Mr '64.

PERVUSHIN, SERGEI ALEKSEEVICH, 1886-1966

S. A. Pervushin; obituary. Vest. stal. no.4:95 '66.

Sergei Alekseevich Pervushin; an obituary. TSvet. mnt. 39 no.4:89 Ap '66.

PESCHANYI ISLAND (AZERBAIJAN)—OIL WELL DRILLING, SUBMARINE

Boothole deflection—1150 meters. Neftianik 11 no.3:21-26 Mi '66.

PESTICIDES

Gases in the field of the hygiene of nutrition in the light of the decision of the December 1963 Plenum of the Central Committee of the CPSU. P. D. Leshchenko. Vop. pl. 23 no.3 4-6 My-Je '64.

Mutagenic properties of manganese compounds and some pesticides. D. S. Markarian, R. N. Mandzhgaladze, V. I. Yashakidze. Sob. AN Gruz SSR 41 no.2 471-475 F '66.

New sanitary rules. Zashch. rast. 11 no.2:30-40 '66.

Organic insectofungicides. Part 95: Preparation of some esters of polychlorobenzoylchloride-methylidithiocarboxylic and thioarabamic acids. A. F. Anisichenko and others. Zhur. ob. khim. 36 no.4:641-645 Ap '66.

Organic insectofungicides. Part 96: Reaction of thio-phosphoric acid esters with tertiary aliphatic phosphines. N. N. Mel'nikov, B. A. Khaskin, N. N. Tuturina. Zhur. ob. khim. 36 no.4:645-652 Ap '66.

Organic insectofungicides. Part 97: Synthesis of some mixed dithiophosphoric acid esters containing a carbonyl group in the ester radical. T. S. Tyrkina and others. Zhur. ob. khim. 36 no.4:652-650 Ap '66.

With giant steps. G. Altuganov. Zashch. rast. 11 no.2:2-3 '66.

PESTICIDES—ANALYSIS

Physicochemical methods of analysis of pesticides and fertilizers, a survey. I. U. S. Lialikov, V. I. Bodur, I. V. Korlova. Zav. lab. 31 no.7:781-784 '65.

PESTICIDES—CONGRESSES

Problems of nutritional hygiene at the Third All-Union Scientific Conference on the Hygiene and Toxicology of Pesticides. E. A. Antonovich. Vop. pl. 25 no.2:89-91 Ms-Apr '66.

PETER I, THE GREAT, 1672-1725

Ivanov, K. I. [The "Botik" manor, birthplace of the Russian Navy] Usad'ba "Botik" - mesto rozhdeniya russkogo voennogo flota. Iaroslavl, Pereslavl'-Zalesskii istoriko-khudozhestvennyi muzej, 1966. 24 p.

PETROCHEMICAL INDUSTRY

(see also subdivision under Grozny; Kuybyshev Province)

Control of petroleum, gas, and petroleum product losses is the primary responsibility of trade union organizations and all petroleum workers. E. Bondareva. Neftianik 10 no.8:5-7 S '66.

Economic efficiency of manufacturing chemical products from coal, petroleum, and natural gas. P. Gusev. Trudy INKh 10 no.35:10-103 '65.

Friendship between petroleum and chemical industry workers of the Soviet Union and France is being strengthened. V. Makel'skii. Neftianik 11 no.3:31-33 Mr '66.

Results of the report and election trade union conferences. L. Reznik. Neftianik 10 no.8:10 S '66.

Towards the 5th Congress of the Trade Union of Workers of the Petroleum and Chemical Industries. V. Krivich. Neftianik 10 no.8:4-5 S '66.

PETROCHEMICAL INDUSTRY—BY-PRODUCTS

One-stage hydrogenation of phenol and acetone by-products. A. B. Vol'pshel'm, M. N. Zharova, A. D. Berents. Neft' i gaz 10 no.10:37-39 '66.

PETROCHEMICAL INDUSTRY—INTERNATIONAL COOPERATION

International ties of the Trade Union of Workers of the Petroleum and Chemical Industries are developing and strengthening. V. Makel'skii. Neftianik 10 no.9:7-9 S '65.

PETROCHEMICAL PLANTS see subdivision under **Siberia**

PETROCHEMICAL PLANTS—EQUIPMENT AND SUPPLIES

Irja, M.N. [Production of ethylene and propylene in a tubular pyrolysis unit] Prirodstvo etilena i propilena na trubchatom piroliznom ustroystve. Moskva, Khimiya, 1966, 127 p. (Biblioteka molodogo inzhenera)

PETROCHEMISTRY

Determination of the group chemical composition of light distillates by chromatography with three-center detectors. T.Y. Kucharkina, M.Y. Oshchepkov, F.I. Skripal. Neftokhimiya no 2:272-274 Mar-Apr '65

PETROGLYPHS see subdivision under **Gorno-Budakhshan Autonomous Province**

PETROGRAPHIC MICROSCOPE

Methods for the determination of the optical constants of amphiboles and pyroxenes in twins on the Fedorov universal stage. V.I. Molchanov. Z.p. Vses. nauch.-va 91 no. 3:324-328 '65.

PETROLEUM see subdivision under **Azerbaijan, Mangyshlak Peninsula**

PETROLEUM—ANALYSIS

(see also subdivision under **Aral Oil Field; Bashkiria, Georgia, Khodzhusman Oil Field, Perm Province, Romashkino region, Tatar A.S.S.R., Turkmenistan, Volgograd Province**)

Gas saturation of petroleum under pressures up to 1000 at. N.A. Titov, A.K. Akhmedov. Neft Khoz. 43 no. 7:46-41 JI '65

Nomograms for determining the water and salt content in crude oil. A.G. Zarinov, A.F. Markova. Neftprom delo no 1:20-24 '66

Solubility conditions governing the decomposition of petroleum hydrocarbons (Luncianang G.V. Chetchenko, et al.). V.G. Kuznetsov, N.P. Savitskiy. Trudy MIRA. Khim. no. 61:74-82 '66

Study of "normal" I.D. Melikadze, T.G. Akhmedov. Trudy Inst. Khim. Akad. SSR. 17:133-144 '64

Using the VVDU-1 viscosimeter for studying light viscous petroleum. E.P. Sachko, N.V. Trilina. Neftprom delo no 4:35-36 '66

PETROLEUM—DIELECTRIC PROPERTIES

Experimental study of the dielectric permeability of wet oils in eastern fields. V.A. Kochinashvili and others. Izv. vyz. uchob. zav., nef. i gaz. 8 no. 8:85-88 '65.

PETROLEUM—OPTICAL PROPERTIES

Optical activity of natural petroleum. V.O. Kraslavskiy. Geol. zhur. 26 no. 10:4-106 '66

PETROLEUM—STORAGE

(see also subdivision under **Kazakhstan, Tyumen' Province**)

Arzumtjan, A.S. [Building oil and gas storage reservoirs] Sooruzhenie neftegazokhranilishch. Moskva, Nedra, 1966, 367 p.

Efficiency proposals and improvements. I.T. Shapovalov. Transp. i khran. nef. i nefteprod. no 9:33-31 '65

From the experience of planning the remote control of stock oil tank farms. A.I. Keibalov, S.G. Markarov, D.S. Ryss. Transp. i khran. nef. i nefteprod. no 9:21-24 '65

Washout methods for underground oil and gas storage construction and possibility of their improvement. N.K. Sidorova. Neft i gaz prom. no. 1:13-44 Ja-F '66

PETROLEUM—TRANSPORTATION

Calculating the shipping costs of tankers on the basis of direct operational expenditures. V. Posnikov, E. Nevolina. Rech. transp. 25 no. 3:7 '66

From the experience of planning the remote control of stock oil tank farms. A.I. Keibalov, S.G. Markarov, D.S. Ryss. Transp. i khran. nef. i nefteprod. no 9:21-24 '65

Increasing the lift of gear oil pumps. E.I.A. Koritsenskiy. Sudostroenie 30 no. 4:20-21 Ap '64

Principles governing the selection of types of oil tankers. V. Nevolina. Rech. transp. 23 no. 3:10-17 Mr '61

Using network schedules in planning and managing the petroleum supply industry. V.B. Savitskiy. Transp. i khran. nef. i nefteprod. no 3:25-28 '66

PETROLEUM AS FUEL

High-temperature corrosion of metals in the burning of distillate gas-turbine fuels. V.G. Nikolaeva and others. Khim. i tekhn. topl. i masel. 11 no. 3:54-57 Mr '66

Studying the composition and structure of the solid phase formed during the oxidation of oil fuels. G.F. Bol'shakov, E.A. Glebovskaya, Z.G. Kaplan. Izv. vyz. uchob. zav., nef. i gaz. 8 no. 8:69-73 '65

PETROLEUM AS FUEL—TRANSPORTATION

Distillation and transportability of oil. P.Kh. Marjanov, S.V. Bolotov. Trudy i izob. naft. i nefteprod. no 4:16-18 '65

PETROLEUM COKE

Kinetics of the reaction of carbon dioxide reduction by petroleum coke. S.A. Akhmedov, Z.I. Simlaev, R.N. Gimayev. Izv. vyz. uchob. zav., nef. i gaz. 8 no. 8:55-59 '65

Preparation of petroleum coke for calcination and desulfurization. Z.I. Simlaev and others. Izv. i khran. no. 1:25-27 '66

PETROLEUM COKE—ELECTRIC PROPERTIES

Changes in the specific electric resistance of petroleum coke during calcination. Z.I. Simlaev, M.F. Galtyshev, R.A. Gizaullin. Khim. i tekhn. topl. i masel. 10 no. 4:36-39 Ap '65

PETROLEUM ENGINEERING

Plan for the new five-year plan will be fulfilled. N. Sapozhnikov. Neftianik 11 no. 4:5 Ap '66

PETROLEUM GEOLOGY

(see also subdivision under **Apscheron Peninsula, Azerbaijan, Bashkiria, Caucasus Mountain region, Caspian Sea region, Cilicia, Dnieper-Donets Lowland, Kachanovka Oil Field, Kama Valley, Kazakhstan, Kirov Province, Oshka Oil Field, Perm Province, Russia, Southern, Russian Platform, Second Basin, Soviet Central Asia, Tarkhanat Peninsula, Tatar A.S.S.R., Turan Plateau, Udmurt A.S.S.R., Ural Mountain region, Uzbekistan, Volgograd Province**)

Current state of the theory of abyssal oil origin and ways of its further development. G.V. Rudakov, V.I. Nikonov. Sov. geol. 9 no. 3:125-136 Mr '66

Organic matter in underground waters of oil and gas provinces and the importance of their study for purposes of petroleum geology; seminar-conference. E. Bars. Geol. nef. i gaz. 10 no. 3:61-63 Mr '66

Using gravity prospecting for oil and gas pools. M.V. Bezaikin. Prikl. geofiz. no. 12:139-143 '65

Using hydrogeological data for regional characterization of reservoirs. I.U. A. Petskikh. Geol. nef. i gaz. 10 no. 4:40-43 Ap '66

PETROLEUM GEOLOGY—CONGRESSES

Vsesoyuznoye soveshchanie po treshchinnym kolektoram nef. i gaz. 24. Gruzniy, 1962. [Transactions of the All-Union Conference on Fractured Oil and Gas Reservoirs] Trudy. Moskva, Nedra, 1965, 508 p.

PETROLEUM INDUSTRY

(see also subdivision under **Stavropol, Tatar A.S.S.R., Underdeveloped Areas**)

Glorious deeds of Soviet petroleum workers. M. Losov. Neftianik 11 no. 3:1-2 Mr '66

Out-of-town session of the scientific and technical society in Ufa. V.A. Larionov. Izv. vyz. uchob. zav., nef. i gaz. 8 no. 8:119 '65

PETROLEUM INDUSTRY—ACCOUNTING

Introduction of progressive forms of accounting in enterprises of the Main Directorate for the Supply of Oil Products of the R.S.F.S.R. P. Munin. Neftianik 11 no. 3:19-20 Mr '66

PETROLEUM INDUSTRY—BY-PRODUCTS

Biochemical process of the oxidation of petroleum fractions. V.M. Medem and others. Khim. i tekhn. topl. i masel. 10 no. 1:31-35 Ap '66

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

Hardening of oil pipe and turbodrill casings and shafts during induction heating. N.V. Zimin, V.G. Shovchenko. Metalloved. i term. obr. met. no. 6:11-15 Jo '65

Thermomechanical treatment of pipe for the petroleum industry. M.L. Bernshteyn, N. Dregan. Metalloved. i term. obr. met. no. 6:15-11 Jo '65

PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

(see also subdivision under **Ivano-Frankovsk Province**)

Glebov, V.S., and G.S. Tazeev. [Fire prevention on tank farms and in main pipeline enterprises] Pozharnaya bezopasnost' neftekh. i ob'ektoy magistr. nykh truboprovod. Moskva, Nedra, 1965, 170 p.

Ways to prevent the ignition of slag wool. N. Smirnov. Pozh. delo no. 11:28 N '65

PETROLEUM INDUSTRY—GOVERNMENT OWNERSHIP

V.I. Lenin and the nationalization of the petroleum industry. E. Safonov. Neftianik 10 no. 10:16-19 O '65

PETROLEUM INDUSTRY—TUNES

Some problems of price determination for oil and petroleum products. Z.T. Gornitskiy. Trudy i izob. naft. i nefteprod. no. 3:11-13 Mr '66

PETROLEUM INDUSTRY—SAFETY APPLICATIONS

New research of the Petroleum Institute on safety equipment. D.K. Sultanov. Neftokhimiya no. 7 no. 11:20-22 N '63

PETROLEUM PIPELINES

(see also subdivision under **Europe, Eastern, Turkmenistan**)

Automation and remote control of petroleum pipelines. Avtomatizatsiya i dalekoe upravleniye nefteprovodami. Moskva, Nedra, 1966, 143 p.

Economic justification for the construction of petroleum production pipelines. A.I. Vysotskiy, B.B. Benkhamov. Trudy i izob. naft. i nefteprod. no. 3:6-10 '66

Hydraulic calculation of pipelines with steep slopes. V.N. Dzhurav, V.I. Chernykh. Neftianik 11 no. 9:11-11 '66

Hydraulic pipeline of viscous petroleum. V.I. Chernykh, V.I. Chernykh. V.I. Chernykh. Khim. i tekhn. topl. i masel. 10 no. 1:31-35 Ap '66

Hydraulic pipeline of viscous petroleum. V.I. Chernykh, V.I. Chernykh. Neftianik 11 no. 9:11-11 '66

Methods of determining an advantage in the parameters of electrically welded pipelines for making pipelines. Z.G. Kuznetsov, I.I. Spivakovskiy, V.K. Kolomoyskiy. Trudy i izob. naft. i nefteprod. no. 3:6-10 '66

Thread cutting on petroleum pipelines with electric arc welding. L.A. Podgorniy, I.A. Vysotskiy. Trudy i izob. naft. i nefteprod. no. 3:6-10 '66

PETROLEUM PRODUCTION

(see also subdivision under **Bashkiria, Bashkiria, Ramany Oil Field, Bashkiria, Tatar A.S.S.R., Kuybyshev Province, Northern Kazakhstan, Tatar A.S.S.R., Ukraine**)

Atadzhani, L.K., G.M. Syediev, and H.I. Syediev. [Automation of petroleum production in the oil fields in foreign countries] Avtomatizatsiya nefteproduktov. Moskva, Nedra, 1965, 123 p.

Petroleum production in some of the oil fields in 1965. M.K. Kulinich. Geol. nef. i gaz. 10 no. 6:2-63 Ap '66

Responsibility for petroleum production in the oil fields. I.U. Simonov. Neftianik 10 no. 11:21-21 '65

Thermal and mining methods of petroleum production. D. Vinogradskiy. Neftianik 10 no. 11:21-21 '65

PETROLEUM PRODUCTION—CATEGORIES

under **Bolshay region (Ukraine)**

PETROLEUM PRODUCTION—EQUIPMENT AND SUPPLIES

For instance of gas anchor in form of a gas anchor. V.V. Sazonov, A.I. Bolshakov. Trudy i izob. naft. i nefteprod. no. 3:11-13 Mr '65

PETROLEUM PRODUCTION, THERMAL

Zhabasov, A.A. [Hydrodynamic and experimental methods of problems relative to the use of the method] Otdel'nyye voprosy, svyazannyye s termicheskoy metodoy vodoraznitsy. Akad. nauk Azerbaidzhanakol SSR, 1965, 144 p.

PETROLEUM PRODUCTS

(see also subdivision under **Kazakhstan**)

Apparatus for the oxidation of organic compounds. Automatic compensation and recording of consumption. P.I. Smid and others. Trudy i izob. naft. i nefteprod. no. 1:112-114 Ja-F '66

Chlorinated petroleum products as raw materials. T.G. Gladyshev. Neftianik 11 no. 9:11-11 '66

Resistance of some materials with regard to the action of some petroleum products. E.A. Golubina and others. Nauch.-issled. rab. Khim. i tekhn. topl. i masel. 10 no. 1:31-35 Ap '66

PETROLEUM PRODUCTS—DENSITY

Rapid method for determining the density of solid petroleum products. A.M. Bol'shakov. Neftianik 11 no. 10:16-19 O '65

PETROLEUM REFINERIES—DESIGN AND CONSTRUCTION

(see also subdivision under **Ivano-Frankovsk Province, Tatar A.S.S.R., Ukraine, Volgograd Province**)

PETROLEUM REFINING

Activity of aluminum-cobalt-molybdenum catalysts in hydrogenation in a fluidized bed. V.V. Zolotarev, D.V. Skvortsov. Khim. i tekhn. topl. i masel. 10 no. 4:40-49 Ap '65

PETROLEUM REFINING (Continued)

Conformed automatic hydrocrackings of the kerosene-gas oil fraction. P. S. Malovskiy, Z. S. Smolovskiy, D. I. Sedukhin. Khim. i tekhn. topl. i masl. 10 no. 11-12 Ap '65.

Flow diagrams of the refining process of highly sour petroleum in operating refineries. B. K. Maksimov, N. I. Neftskh. no. 10 1-7 '65.

Petrov, A. A. [Demulsifying reagents for dehydrating and desulfurizing petroleum] Reagenty-demulgatory dlya ocherashchivaniya i obessulivaniya neftei. [Kulyshyov] Kulyshevskoe knizhnoe izd-vo, 1955. 141 p.

Removing sulfur compounds from the middle distillate fraction of Arlan petroleum. I. A. B. Chertkov, V. G. Spilkin, V. N. Demidov. Izv. vyz. ucheb. zav., 4: naft. i gaz. 8 no. 8:85-88 '65.

Safety measures in petroleum oil and gas refining in oil and gas fields. R. I. Yatsin, I. G. Avetisova. Gaz. delo no. 1:46-48 '66.

Use of molecular sieves for the purification of the circulating hydrogen in catalytic reforming. M. B. Vozlov, I. B. Gidulnikov, L. G. P. Okopnik. Khim. i tekhn. topl. i masl. 10 no. 1:15-20 Ap '65.

PETROLEUM REFINING—DEWAXING

Experience in operating apparatus having a granite coating. A. Kozlov, L. Strem. Neftnik 11 no. 4:29-30 Ap '66.

Two-stage dewaxing of distillate raffinate from Tuymazy petroleum. L. P. Ol'khov, N. I. Chelnozhuikov. Izv. vyz. ucheb. zav., naft. i gaz. 8 no. 8:60, 62 '65.

PETROLEUM REFINING—EQUIPMENT AND SUPPLIES

Flasports for using two-layer metals in chemical and petroleum machinery manufacturing. B. N. Shovchik, D. I. Logunov. Khim. i neft. mashinost., no. 4:46-47 Ap '66.

Two-layer steels in petroleum refining machinery. V. G. D'yanov, Z. A. Abuanova. Khim. i neft. mashinost., no. 4:21-28 Ap '66.

Ultraviolet quality analyzers in the petroleum refining industry. I. V. Popov. Neft. i gaz. prom., no. 1:41-42 Jan '66.

Using grid baffles in vacuum columns of marut processing installations. M. A. Mamedov, Sh. Sh. Spektor, L. K. Daviddan. Neftskh. i neftskh. no. 4:34-36 '66.

PETROLEUM WASTE—ANALYSIS

Rapid method for determining the NChK in refinery waste water. R. V. Dudnikova, S. N. Avetisov. Neftskh. i neftskh. no. 10:24-26 '65.

PETROLEUM WAX

Method for investigating petroleum wax by plotting temperature refraction curves. G. V. Rudakov, V. P. Sukhinova. Neftskh. i neftskh. no. 10:11-16 '65.

PETROLEUM WORKERS

(see also subdivision under Iran; British Columbia; Komsomol, Sukhokumsk, Daghestan, Tuymazy Oil Field; Tyumen' Province)

Dmitriy Rybalko became an engineer. G. Ershov. Neftnik 10 no. 11:10 N '65.

Iron worker to head of a section. I. Chernoshonov. Neftnik 10 no. 10:23-24 O '65.

Results of the all-Union competition of petroleum workers. A. Smirnov. Neftnik 11 no. 4:10-14 Ap '63.

Son of a petroleum worker. I. Koshal'. Neftnik 10 no. 10:22-23 O '65.

Son of the party, underground worker and fighter, tireless petroleum worker, for the 70th birthday of S. M. Gannin, B. Shneiderov. Neftnik 10 no. 11:14-15 N '65.

Winners of the All-Union and All-Russian Socialist Competition from the collectives of oil and gas industry enterprises. I. Petrushev. Neftnik 10 no. 10:10-13 O '65.

PETROLEUM WORKERS—EDUCATION AND TRAINING

see subdivision under Kazakhstan

PETROLOGY

(see also subdivision under Azerbaijan; Carpathian Mountains; Caucasus; Irkutsk Province, Shumakha District; Tatar A.S.S.R.)

Davydovskiy, A. N. [Fundamentals of geology, mineralogy, and petrography] Osnovy geologii, mineralologii i petrografii. Kiev, Dvudivoy'nyk, 1955. 162 p.

Deep earth envelopes and problems of the petrography of basites and ultrabasites. A. P. Lebedev. Geokhimiya no. 8:830-843 Ag '65.

Method for determining the exchange adsorptive capacity of siliceous terrigenous and carbonate rocks based on methylene blue. V. V. Pospelov, V. I. Peteril'to. Trudy VNIIGP no. 55:46-50 '66.

Methodology of studying quartz twins and dislocations in petrographic thin sections. L. M. Simanovich. Lit. i pol. iskop. no. 2:157-159 Mr-Apr '66.

Subject matter, classifications, terminology, and symbols of petrophysics. V. N. Kobanov. Trudy VNIIGP no. 55:51-51 '66.

PETROLOGY—CONGRESSES

First Central Asian Regional Petrographic Conference. A. P. Lebedev. Izv. AN SSSR. Ser. geol. 31 no. 3:133-138 M '66.

First Kazakhstan Petrographic Conference. G. F. Liplachev, N. P. Mirhatlov. So. geol. 8 no. 3:161-162 M '66.

PETROPAVLOVSK—MACHINERY INDUSTRY—MANAGEMENT

One should begin with a method. V. Shokarev. Naft. khoz. Kazakh. 24 no. 1:38-39 Jan '66.

PETROV, FEDOR NIKOLAEVICH, 1876-

Features of the revolutionary ideas of Leninism. F. Petrov. Sov. profsoyuz. 22 no. 7:14-16 Ap '66.

PETROV'S KYI, IRYKHORYI IVANOVYCH, 1877-1958

H. I. Petrov's kyi's letters. H. M. Dazhyna. Ukr. Isl. zhur. 9 no. 2:106-110 F '65.

PETROV-VODKIN, KUZ'MA SERGEEVICH, 1878-

Picture gallery. I. Karamikova. Sem'ia i shkola. 21 no. 2:49 F '66.

PETROZAVODSK—ELECTIONS

Preparation for elections to the Supreme Soviet. A. Shil'min. Part. zhizn' no. 9:56-59 M '66.

PHAGOCYTOSIS

Change in the peroxidase and phagocytic activity of the blood in the immunization of cattle. G. A. Nizametdinova. Uch. zap. KVI. 93:160-167 '64.

Changes in the phagocytic reaction and in the organs of the reticuloendothelial system in white mice following use of tetracycline. T. F. Koshik. Biol. eksp. biol. i med. 61 no. 2:72-75 F '66.

Changes in the reactivity of the vegetative nervous system in children at late dates following X-ray therapy. O. M. Kulshabko, T. D. Mitimova. Sov. med. 29 no. 4:60-65 Av '66.

Effect of solar activity on the phagocytic properties of human neutrophils. R. M. Ponomareva, S. K. Klueva. Nek. vop. khim. i kraev. pat. no. 4:51-52 '65.

Effect of thiopental sodium and ether anesthesia on the processes of leucocytolysis and phagocytosis in various vascular regions. N. I. Krugina. Zhur. mikrobiol., epid. i immun. 43 no. 3:130-133 M '68.

Phagocytic reaction of leucocytes as related to the functional state of the central nervous system. L. I. Korikova. Uch. zap. KVI. 93:173-178 '64.

PHARMACEUTICAL RESEARCH

Results of preparing diploma projects by students of the pharmaceutical department of the Leningrad Chemical and Pharmaceutical Institute. A. M. Khaletskii. Apt. delo 13 no. 6:43-53 N-D '64.

PHARMACEUTICAL RESEARCH—EQUIPMENT AND SUPPLIES

Electronic integrator in the quantitative evaluation of the effect of pharmacological agents on the motor activity of a group of small laboratory animals. N. E. Zilberman, I. P. Lapin. Farm. i toks. 28 no. 4:485-497 Ji-Ag '65.

PHARMACEUTICAL SOCIETIES see subdivision under Kosovo District

PHARMACISTS see subdivision under Ukraine

PHARMACOGNOSY

Pharmacognosy of the leaves of Convalaria. N. O. Chernykh, I. H. Zoz. Farmats. zhur. 10 no. 5:71-73 '64.

PHARMACOLOGICAL SOCIETIES see subdivision under Kharkov

PHARMACOLOGY

Amperometric titration of bromides in medicinal preparations and forms. M. K. Abramov. Apt. delo 13 no. 6:38-41 N-D '64.

Effect of some simultaneous neural and humoral influences on the differential leucocyte count and on the course and outcome of acute aseptic peritonitis. E. I. Trutnev. Uch. zap. KVI. 93:106-110 '64.

Zakusov, V. V. [Pharmacology] . farmakologiya. Izd. 2, Ispr. i dop. Moskva, Meditsina, 1966. 448 p. (DNLM)

PHARMACOLOGY—ABSTRACTS

[Pharmacology. Chemotherapeutics. Toxicology] Ref. zhur. i Farm. Khim. i lek. sred. Toks. no. 4 Ap '66.

PHARMACOLOGY—CONGRESSES

Pharmaceutical Conference of the German Democratic Republic. M. N. Bushkova, O. I. Belova, L. G. Andriyeva. Apt. delo 13 no. 6:81-84 N-D '64.

PHARMACY

(see also subdivision under Ukraine)

Abstracts. E. M. Shumakov. Farmats. zhur. 10 no. 5:94-95 '64.

PHARMACY—STUDY AND TEACHING

Results of the activity of the department of pharmaceutical organization in correspondence courses for pharmacists. S. G. Sloeva, T. I. Tol'sman. Apt. delo 13 no. 6:53-58 N-D '64.

PHASE RULE AND EQUILIBRIUM

Causes for the reduction of the martensite point following partial transformation of austenite in the intermediate range. G. V. Korotushenko, V. N. Gonchar, T. S. Shikova. Izv. vyz. ucheb. zav., Chern. met. 9 no. 4:131-136 '65.

Concentration relation of distribution coefficients during oriented crystallization. A. N. Krestnikov, V. N. Vigdovich, V. V. Maychev. Izv. AN SSSR. Met. no. 2:44-52 M-Apr '66.

Connection between hardening and change in the phase constitution of high-strength, precipitation hardened nonmagnetic steel. M. V. Pridanov, F. L. Levin. Izv. AN SSSR. Met. no. 2:102-106 M-Apr '66.

Constitutional diagram of the system niobium - antimony. L. F. Myzenkova, V. V. Biron, E. M. Savitskiy. Izv. AN SSSR. Met. no. 2:163-165 Mr-Apr '66.

Contribution to the theory of the morphology of phase transitions. A. G. Merzhanov and others. Zhur. fiz. khim. 40 no. 4:811-817 Ap '66.

Critical point of a three-phase equilibrium liquid - liquid - gas in the system methanol - water - carbon dioxide. G. D. Efremova, A. V. Shvarts. Zhur. fiz. khim. 40 no. 4:907-911 Ap '66.

Effect of copper on the eutectoid transformation in gray cast iron. K. P. Bunin, N. I. Repta, A. I. Iatsenko. Izv. vyz. ucheb. zav., Chern. met. 9 no. 1:147-151 '66.

Intermediate transformation of austenite in white chromium-nickel cast iron. A. E. Krivosheev, I. U. Tatars, I. U. K. Bunina. Metalloved. i term. obr. i zmet. no. 4:52-57 Ap '66.

Isothermal section of the system molybdenum - iron - boron. S. I. Gladyshevskiy and others. Porosh. met. 6 no. 4:55-60 Ap '66.

Liquid - crystals equilibrium in the system trichloro-silane - carbon tetrachloride. G. Z. Bilum, G. D. Danilova, L. N. Danova. Zhur. fiz. khim. 40 no. 2:407-410 F '66.

Making of high-alloy steel with a fixed phase constitution. I. I. Moshkevich and others. Stal' 26 no. 4:323-326 Ap '66.

Method of representing systems with five variables on a plane. A. F. Frolov. Zhur. fiz. khim. 40 no. 4:801-806 Ap '66.

Peculiarities of a bainite transformation of austenite in aluminum-alloyed cast iron. I. U. G. Bobrov, Zh. S. Bobukh. Metalloved. i term. obr. i zmet. no. 4:48-52 Ap '66.

Phase equilibria diagram in the system MnO - Al₂O₃ (corundum). L. A. Novokhalskiy and others. Zhur. neorg. khim. 11 no. 2:427-428 F '66.

Phase relations of orthosilicates and ferrites in the system Zn₂SiO₄ - Fe₂SiO₄. B. L. Dobrotsev, T. A. Korotova. Izv. AN SSSR. Met. no. 2:20-26 Mr-Apr '66.

Structure and the phase constitution of the diffusion layer in bimetal iron-aluminum castings. K. L. Vashchenko and others. Izv. vyz. ucheb. zav., Chern. met. 9 no. 4:133-141 '66.

Study of the liquid-vapor equilibrium in the systems acetone-methanol and acetone-cyclohexane at the temperatures of 35, 45 and 55°C, and 760 mm Hg. pressure. A. N. Marfinchev, M. P. Susarova. Zhur. prikl. khim. 38 no. 2:378-383 F '65.

Study of the system Mg₂Pb - Mg₂Ge. E. S. Makarov and others. Izv. AN SSSR. Neorg. mat. 2 no. 3:465-488 Mr '66.

Studying oxide skins in iron-chromium melts. N. V. Fil'son, B. I. Markhasov, O. G. Sidetskii. Izv. AN SSSR. Met. no. 2:53-57 Mr-Apr '66.

Studying the effect of the temperature of tungsten carbide production on the formation of hard alloys with a nonuniform distribution of the carbide phase. Report No. 2. A. N. Krushinskii. Porosh. met. 6 no. 4:16-20 Ap '66.

Theoretical analysis of the effect of high pressure on phase transformations in pure metals. B. I. Likhov, V. G. Tsyganenko. Fiz. met. i metalloved. 21 no. 3:331-338 Mr '66.

Thermodynamic characteristics of certain equilibria in solutions of chlorine dioxide and chlorates at various temperatures. V. M. Zolotikhin, I. E. Flis, K. P. Mikhchenko. Zhur. prikl. khim. 38 no. 2:369-374 F '65.

Thermodynamic investigation of the system Si - O - C at high temperatures. I. V. Riabchikov. Izv. AN SSSR. Met. no. 2:14-19 Mr-Apr '66.

PHOSPHINIC CHLORIDE

Polycondensation of allylphosphinic dichloride with glycols and dialkyl phenols. M. F. Sorokin, I. Manovitchu, Vysokom. soed. 8 no. 3 144-449 M1 '66.

Polycondensation of methylphosphinic dichloride with diethylolupropylene. D. Isailov, L. A. Rodvilova, Vysokom. soed. 8 no. 3 509-512 M1 '66.

Synthesis and study of alkylphosphinic acid derivatives. Part I: Preparation of the dichlorides of substituted vinylphosphinic acids by the reaction of ethers with phosphorus pentachloride. K. A. Potrov, M. A. Rakeln, V. L. Vinogradov, Zhur. ob. khim. 36 no. 1 715-718 Ap '66.

PHOSPHOFRUCTOKINASE

Activity of phosphofructokinase of the skeletal muscles and the heart in rats in heemic hypoxia. A. I. Kuzikova, Vop. med. khim. 12 no. 2 100-109 M1-Ap '66.

PHOSPHOMOLYBDIC ACIDS

Solvent extraction of reduced phosphomolybdic acid with high-molecular weight amines. V. I. Klitina, F. P. Sudakov, I. P. Altman, Zhur. anal. khim. 21 no. 3 338-341 '66.

PHOSPHONITRILE CHLORIDE

Determination of halogen in phosphonitrile halides. B. I. Stepanov, G. I. Migachev, Zav. lab. 32 no. 4 416 '66.

Reaction of a phosphonitrile chloride trimer with aromatic dihydroxy compounds. S. M. Zhivukhin, V. V. Kireev, A. N. Zelenetskii, Zhur. prikl. khim. 39 no. 1 234-237 Ja '66.

PHOSPHORESCENCE

Use of phosphorescence for determining inorganic impurities in frozen solutions. E. A. Bozhevol'nov, E. A. Solov'ov, Trudy IREA no. 27 244-250 '65.

PHOSPHONIC ACID

Extraction of phosphoric acid by oxygen-containing organic solvents. Z. Sh. Golyenko and others, Zhur. prikl. khim. 38 no. 2 271-275 F '65.

Selective extraction of scandium with alkylphosphoric acids. M. L. Navtanovich, A. S. Chernink, I. U. Sutyi, Zhur. prikl. khim. 38 no. 2 345-348 F '65.

PHOSPHORIMIDIC ACID

Phosphorus acid imides. Isomerization of O,O,O-trimethyl-N-nitryldiphosphates and its use in the preparation of chromatographically pure N-methylimidines. V. A. Gilarov, R. V. Kudravytsev, M. I. Kabachuk, Zhur. ob. khim. 36 no. 4 708-715 Ap '66.

PHOSPHORITES

(see also subdivision under Karatau)

Distribution of microelements in phosphorites. V. V. Naumenko, Dop. AN URSR no. 2 220-231 '66.

PHOSPHORODITHIOIC ACID

Effect of thio-phosphamide on the biosynthesis of creatine. V. G. Zelinskii, Vop. med. khim. 12 no. 2 106-109 M1-Ap '66.

Organic insectofungicides. Part 97: Synthesis of some mixed dithiophosphoric acid esters containing a carbonyl group in the ester radical. T. S. Tykina and others, Zhur. ob. khim. 36 no. 4 652-655 Ap '66.

Reactions of phosphine oxides with dialkylthiophosphoric and dithiophosphinic acids. A. N. Pudovik, E. M. Patzullin, G. I. Zhuravlov, Zhur. ob. khim. 36 no. 4 718-724 Ap '66.

PHOSPHOROTHIOIC ACID

Organic insectofungicides. Part 96: Reaction of thio-phosphoric acid esters with tertiary aliphatic phosphines. N. N. Mot'nikov, B. A. Khasikh, N. N. Tulin, Zhur. ob. khim. 36 no. 4 645-653 Ap '66.

PHOSPHOROUS ACID

Complex formation of iron (III) with phosphorous acid. V. M. Masanovich, P. K. Agnashan, E. R. Nikolova, Zhur. neorg. khim. 11 no. 2 272-277 F '66.

Pharmacology of thionous salt of diethylphosphorous acid. D. N. Lazareva, R. N. Abdullina, Farm. itoka. 28 no. 2 203-206 M1-Ap '65.

PHOSPHORS

Aging of electroluminescent ZnS - Cu, Mn film capacitors. I. I. Vergunas, N. L. Danilova, Izv. AN SSSR Ser. fiz. 30 no. 4 616-617 Ap '66.

Catalytic synthesis of a new luminescent B in the presence of gummi, a natural aluminum silicate. N. G. Bekunri and others, Trudy Inst. khim. AN Gruz. SSR 17 145-150 '61.

Effect of an electric field on the reagentoluminescence of the NaCl - Cu phosphor. A. A. Parfianovich, V. V. Pologrudov, E. N. Karnakhov, Izv. AN SSSR Ser. fiz. 30 no. 4 710-721 Ap '66.

Effect of the conditions of preparation on the formation of electron traps in phosphors constituted on the basis of ZnS and ZnO, and the effect of predintegration phenomena in solid solutions of Cu₂S in ZnS on their luminescence. A. A. Bundol' and others, Izv. AN SSSR Ser. fiz. 30 no. 4 637-643 Ap '66.

Electroluminescence of ZnS - Cu phosphors viewed as a recombination controlled by an electric field. F. I. Kolomoitseff, V. M. Kozmin, Izv. AN SSSR Ser. fiz. 30 no. 1 684-687 Ap '66.

Kinetics of ionization processes in the electroluminescence of ZnS - Cu. I. K. Voroshchagin, L. A. Kuzachenko, Izv. AN SSSR Ser. fiz. 30 no. 1 607-609 Ap '66.

Low-voltage electroluminescence of ZnS - Cu, Cl films. N. A. Vlasenko, V. S. Khomchenko, Izv. AN SSSR Ser. fiz. 30 no. 4 688-691 Ap '66.

Mechanism underlying the electroluminescence of ZnS - Cu, Mn film capacitors. F. I. Vergunas and others, Izv. AN SSSR Ser. fiz. 30 no. 4 618-619 Ap '66.

Polarized luminescence of mixed KCl, KBr - Ti crystals. I. D. Klement, L. A. Lembia, Izv. AN SSSR Ser. fiz. 30 no. 4 692-694 Ap '66.

Preparation of electroluminescent ZnS - Cu, Mn film capacitors and the effect of some parameters on their characteristics. F. I. Vergunas and others, Izv. AN SSSR Ser. fiz. 30 no. 4 612-613 Ap '66.

Processes of mutual conversion of luminescence centers in zinc-sulfide phosphors. A. M. Gurvich, Izv. AN SSSR Ser. fiz. 30 no. 1 644-648 Ap '66.

Solubilization processes in ZnS - Ag single crystals. V. S. Bezel' Izv. AN SSSR Ser. fiz. 30 no. 4 666-670 Ap '66.

PHOSPHORS—ELECTRIC PROPERTIES

Relation between the optical and electric characteristics of crystal phosphors. V. E. Zhirap, I. K. Vitol', Izv. AN SSSR Ser. fiz. 30 no. 4 675-678 Ap '66.

PHOSPHORS—OPTICAL PROPERTIES

Comparison of optical and dielectric characteristics of powdered ZnS electroluminescent phosphors. F. I. Vergunas, K. Sh. Enikova, Izv. AN SSSR Ser. fiz. 30 no. 1 614-615 Ap '66.

Relation between the optical and electric characteristics of crystal phosphors. V. E. Zhirap, I. K. Vitol', Izv. AN SSSR Ser. fiz. 30 no. 4 675-678 Ap '66.

PHOSPHORS—SPECTRA

Activation of zinc sulfides and cadmium sulfides by halogens and group III elements. A. M. Gurvich and others, Izv. AN SSSR Ser. fiz. 30 no. 4 619-653 Ap '66.

Factors determining the differences in Mn²⁺ luminescence spectra in crystal phosphors. M. A. Konstantinova-Shelezinger, Izv. AN SSSR Ser. fiz. 30 no. 4 707-712 Ap '66.

Luminescence mechanism and band structure of ZnS - Fe phosphors. E. Ia. Arapova and others, Izv. AN SSSR Ser. fiz. 30 no. 4 573-580 Ap '66.

Nature of the luminescence and optical extinction in copper-activated ZnS type phosphors. U. H. Nomi, I. H. Ilamno, Izv. AN SSSR Ser. fiz. 30 no. 4 722-724 Ap '66.

Present-day representations of the mechanism underlying the recombination luminescence of alkali halide crystal phosphors. I. K. Vitol', Izv. AN SSSR Ser. fiz. 30 no. 4 564-569 Ap '66.

Recombination luminescence of laminar phosphors. S. G. Kroitor, V. L. Levshin, Izv. AN SSSR Ser. fiz. 30 no. 4 716-718 Ap '66.

Some characteristics of the X-ray luminescence of NaCl and KCl crystals activated with Ag and Cu. I. A. Parfianovich, P. A. Babin, E. I. Shul'eva, Izv. AN SSSR Ser. fiz. 30 no. 4 530-532 Ap '66.

Spectral characteristics of the crystal phosphors NaCl - Cu and KCl - Cu and their aqueous solutions. M. L. Kats, K. E. Ginzburg, L. I. Golubentseva, Izv. AN SSSR Ser. fiz. 30 no. 4 701-703 Ap '66.

X-ray luminescence and trapping levels for NaCl and KCl crystals activated with Ag and Cu. I. A. Parfianovich and others, Izv. AN SSSR Ser. fiz. 30 no. 4 581-589 Ap '66.

PHOSPHORS, EFFECT OF RADIATION ON

Luminescence and photoconductivity of ZnS - Cu and ZnS - Tm when irradiated by a ruby laser. T. P. Belikova, E. A. Syridenkov, Izv. AN SSSR Ser. fiz. 30 no. 4 570-572 Ap '66.

Photoelectric effect in ZnS - Ag crystal phosphors. F. I. Vergunas, N. A. Skobel'tayna, Izv. AN SSSR Ser. fiz. 30 no. 4 610-611 Ap '66.

PHOSPHORUS

Phosphorus in the manganese ores of the Nikopol' Manganese Basin. Ia. I. Fomin, Gor. zhur. no. 4 70-74 Ap '66.

Study of the thermal treatment of the Karatau phosphorites to determine the possibility of obtaining elementary phosphorus and Portland cement clinker. M. N. Nablav and others, Uzb. khim. zhur. 9 no. 3 6-10 '65.

PHOSPHORUS—ANALYSIS

Determination of phosphorus in high chromium steels. K. A. Spektor, Zav. lab. 31 no. 5 552-553 '65.

Extraction-photometric determination of phosphorus and silicon in the form of their reduced heteropoly acids. G. P. Sudakov, V. I. Klitina, N. T. Maslova, Vest. Mosk. un. Ser. 2 khim. 21 no. 1 98-100 Ja-F '66.

PHOSPHORUS—EFFECT ON PLANTS see Plants, Effect of phosphorus on

PHOSPHORUS—PHYSIOLOGICAL EFFECT

Calcium and phosphorus nutrition of head bulls. V. F. Lemesh, I. L. Peuzner, Vest. AN BSSR Ser. sel'khoz. nauk. no. 1 92-98 '65.

PHOSPHORUS CHLORIDES

Phosphorylation of malonic acid diethyl ester by phosphorus pentachloride. V. I. Shevchenko and others, Zhur. ob. khim. 36 no. 4 730-735 Ap '66.

Reactions of succinodinitrile and fumaronitrile with phosphorus pentachloride. V. I. Shevchenko, V. P. Kukhtan', Zhur. ob. khim. 36 no. 4 735-738 Ap '66.

PHOSPHORUS COMPOUNDS

Content of phosphorus and carbohydrate compounds in the sunflower as related to the effectiveness of mineral fertilizers. M. A. Tsvetkov, Uch. udob. v. usl. Mold. no. 4 177-91 '65.

Dynamics of the accumulation of phosphorus compounds in the organs of the sunflower as related to the type of soil and fertilizers. D. I. Karastan, Uch. udob. v. usl. Mold. no. 4 96-98 '65.

Effect of the conditions of mineral nutrition on the content of the forms of phosphorus compounds in carbonate-rich Chernozem soils. I. G. Goshnitskii, Uch. udob. v. usl. Mold. no. 4 91-98 '65.

Effect of the ratio of nutrients in fertilizers to the content of phosphorus compounds in corn plants. B. I. Tul'chinskii, Uch. udob. v. usl. Mold. no. 4 30-37 '65.

Phosphorus and nitrogen compounds in sugar beet seedlings in relation to fertilizers. V. I. Morozov, Uch. udob. v. usl. Mold. no. 1 66-70 '65.

PHOSPHORUS-COPPER ALLOYS see Copper-phosphorus alloys

PHOSPHORUS IN THE BODY

Effect of allopurinol on the rate of restoration of phosphorus compounds in compensatory hyperfunction of the heart in rats. M. A. Angarskaya, V. E. Sokolova, Pat. fiziol. i eksp. teap. 10 no. 1 56-59 Ja-F '66.

PHOSPHORUS ISOTOPES—PHYSIOLOGICAL EFFECT

Effect of acute overheating on the penetration rate of radioactive phosphorus into the tissues of the internal organs and the brain of rats. Report No. 3. E. S. Ovesnikov, Izv. AN Turk. SSR Ser. biol. nauk no. 1 82-83 '66.

Evaluation of absorbed doses of radiophosphorus incorporated in tissues. V. P. Pugachevskii, Radiobiologiya 6 no. 2 326-327 '66.

PHOSPHORUS METABOLISM

Absorption and excretion of phosphorus compounds by the organism of chicks with leukosis and peritonitis caused by the rupture of mature follicles. N. L. Sarychev, Uch. zap. Mord. gos. un. no. 47 105-110 '65.

Change in the content of phosphorus in winter wheat and rye plants from the effect of fertilizers. L. N. Kartseva, Khim. v sel'. khoz. no. 4 12-19 Ap '66.

Phosphorus metabolism in fine-fiber cotton varieties differing as to the rate of ripening. A. M. Lemaeva, Izv. AN Turk. SSR Ser. biol. nauk no. 1 76-80 '66.

Study of free amino acids and phosphorus fractions in the blood following the administration of streptomycin and phthalazide. M. A. Chertkova, Zh. S. Kharakter, Vop. med. khim. 11 no. 3 40-44 My-Ju '65.

Study of phosphorus metabolism in protozoal algae. S. S. Baslavskaya and others, Nauch. dokl. vys. shkoly: biol. nauki no. 2 144-148 '66.

PHOSPHORUS ORGANIC COMPOUNDS see Organo-phosphorus compounds

PHOSPHORYL CHLORIDE

Absorption of phosphoryl chloride on silica gel from a binary solution. I. U. M. Martynov, G. A. Afanas'eva, Zhur. fiz. khim. 40 no. 2 483-484 F '66.

PHOSPHORYLASE

Dissociation of phosphorylases A and B from the muscles of a rabbit. N. B. Livanova and others, Biokhimiya 31 no. 1 184-200 Ja-F '66.

Phosphorylase activity in tissue culture cells. A. T. Pikelny and others, Dokl. AN BSSR 10 no. 3 210-212 M1 '65.

PHOSPHORYLATION

Mechanisms of the disorders of oxidizing phosphorylation in tissues of irradiated animals. M. L. Kakushkina and others, Vop. med. khim. 12 no. 2 147-150 M1-Ap '66.

PHOTOCHEMISTRY

Nature of electronic states of molecules and the mechanism of their transformations. Part 2. D. N. Shigorin, V. G. Plotnikov. *Zhur. fiz. khim.* 40 no. 2 295-306 P '66

Photochemical properties of phycoerythrobilin. V. B. Evstignejev, O. D. Bekasova. *Biofizika* 11 no. 2 249-257 '66

Photochemical transformations in crystalline anthracene. V. O. Lisovenko, M. T. Shipak. *Ukr. fiz. zhur.* 11 no. 1 404-410 Ap '66.

Photolysis of oxidized cellulose under the effect of irradiation by various wavelengths. G. N. Savastenko, I. N. Ermolenko. *Vestsi AN BSSR, Ser. khim. nav.* no. 4-99-104 '65.

Two-quantum photochemical processes of the formation of radicals and cation radicals. K. S. Bagdasaryan. *Zhur. VKHO* 11 no. 2 216-223 '66

Two-quantum photochemical. Dihydrogenation reaction of 3-methylglutamic acid by naphthalene. K. S. Bagdasaryan, Z. A. Smitsyna. *Dokl. AN SSSR* 167 no. 3 1073-1076 Ap '66

PHOTOCONDUCTIVITY

Effect of natural and impurity excitation on the characteristics of photoconductivity and infrared quenching. V. V. Rybalka. *Ukr. fiz. zhur.* 11 no. 1 442-444 Ap '66.

Nature of processes determining the presence of photoconductivity in organic liquids. I. A. Kopylov, I. M. Stoiolovskii, T. N. Trofimova. *Zhur. fiz. khim.* 10 no. 2 380-391 F '66

Two parallel competing trapping mechanisms for a single recombination center. M. K. Sheinkman, A. V. Liubchenko. *Dokl. AN SSSR* 167 no. 4 795-798 Ap '66

PHOTOCOPYING PROCESSES

Andreev, I. S., A. A. Golacheva, and N. A. Peichikhina. [Method of setting norms for photocopying processes]. *Metod normalizatsii fotokopirovaniya protsessov.* Moscow, Kniga, 1966, 73 p. (Peiredovoi opyt v poligraficheskoi promyshlennosti)

PHOTOCOPYING PROCESSES—PRICES

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po dannym stroitel'stva. [Set prices for the reproduction of technical documents by means of phototechnical and electrographic copying]. *Opusknye tseny na razmnozheniye tekhnicheskoi dokumentatsii metodami fototekhnicheskogo i elektrograficheskogo kopirovaniya.* Moscow, 1965, 7 p.

PHOTODYNAMIC ACTION

Study of the photodynamic effect of Saint-John's wort application. M. H. Chaplynska, M. A. Shteynberh, Z. F. Tyubalska. *Farmats. zhur.* 20 no. 2 17-53 '65

PHOTELASTICITY

Studying stresses around stops in thick atecy scans by photoelastic methods. D. P. Senuk, B. V. Vlasenko. *Fiz. tekh. probl. razrab. pol. lekop.* no. 1 111-116 '66

PHOTOELECTRIC CELLS

Effect of the load resistance on the transient characteristics of photoresistances. A. N. Zluganov, P. F. Olksenko, S. V. Sverdlov. *Avtomat. i telemekh.* no. 1 142-147 '66

Photorelay using transistors. M. P. Zhokh, Sverdlovskaya. *Ukr. fiz. zhur.* 11 no. 3 26 Mr '65.

PHOTOELECTRIC MEASUREMENTS

Device for determining the unevenness of fabric filling. A. Platkova, K. Voskanian. *Prum. Arm.* 7 no. 4 46-47 Ap '64

PHOTOELECTRICITY

Measuring the ratio of reaction yields in the photodisintegration of He^3 and D. A. T. Vaitolomeev, A. N. Gorbunov, G. G. Toran. *Rad. fiz.* 3 no. 4 647-648 Ap '66.

PHOTOGRAMMETRY

Russia (1923- U. S. S. R.) Gosudarstvennyi geologicheskii komitet, Laboratoriya aerometodov. [Special problems in photogrammetry]. *Spetsial'nye voprosy fotogrammetrii.* Moscow, Nauka, 1964, 117 p.

PHOTOGRAPHY

Shel'nikov, B. A., and V. I. Sheborlov. [Theory of the photographic process]. *Teoriya fotograficheskogo protsesssa.* Moscow, Kniga, 1965, 343 p.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment]. *Ref. zhur.* Fotokhotekh. nos. 3-4 Mr-Apr '66.

PHOTOGRAPHY—EXHIBITIONS see subdivision under Ukraine

PHOTOGRAPHY—RETOUCHING

Gedakov, A. I. [Retouching of photographs]. *Retush' fotosnimkov.* Moscow, Kniga, 1965, 127 p. illus

PHOTOGRAPHY, AERIAL

Combined research and aerial photography in studying and solving the international conference of IZTSCO. B. V. Vinnogradov. *Izv. V. I. Tsent. SSR Sci. Biol. Zhur.* no. 1 90-91 '66.

PHOTOGRAPHY, JOURNALISTIC

Events, time and people. I. Sokolov. *Sov. zhur.* no. 11 20-23 N '64.

PHOTOGRAPHY, LEGAL

Tsvetkov, P. P., and V. P. Petrov. [Identification of a person from his photograph]. *Identifikatsiya ličnosti po fotosnimkam.* [Leningrad] Izd-vo Leningr. univ., 1966, 33 p. (V pomoshch' studentam vchechnikh i zaokhran. vuzov)

PHOTOGRAPHY OF CLOUDS

Determination of the parameters of noctilucent clouds in 1961. M. I. Il'icov. *Meteor. izst.* no. 12 33-46 '66.

PHOTOMETERS

Generator of standard light pulses with an indicating photometer. A. A. Vol'penskii, G. I. Kabanov, E. V. Kuvaldin. *Svetotekhnika* 11 no. 3 20-23 M '65

Ordinary photometer for X-ray images. A. A. Gol'drin. *Defektoskopiya* 1 no. 6 76-79 '65

PHOTOMETRY

Burners and sprayers for flame photometry. M. E. Britske. *Zav. lab.* 32 no. 1 176-181 '66.

Determination of molybdenum by the differential photocolometric method. T. M. Malutina, B. M. Dobkina, V. A. Pisarcva. *Zav. lab.* 31 no. 6 618-650 '65

Determination of some constants of the analytical reagent, sulfurazene. L. P. Adamovich, A. A. Oleinik. *Zav. lab.* 32 no. 1 387-391 '66

Extraction-photometric determination of microquantities of bismuth. I. I. Usatenko, A. M. Arshavskii, A. G. Akhmetshin. *Zav. lab.* 31 no. 7 780-790 '65

"New methods of biochemical photometry" by V. S. Asatiani. N. B. Kapletskaya. *Zhur. anal. khim.* 21 no. 3 396 '66

Photometric characteristics of the color of bottom sediments of the tropical Atlantic. V. I. Melnyk. *Dop. AN URSS* no. 2 213-216 '66

Properties of 6-henry monomers. V. M. Peshkova, Abdel Razak Dzhafar. *Vest. Mosk. univ. Ser. 2 Khim.* 31 no. 1 70-72 Ja-F '66.

Use of photoelectric colorimeters for differential photometric measurements. T. M. Malutina, B. M. Dobkina. *Zav. lab.* 31 no. 6 650-653 '65

Use of the photometric method in controlling the degree of condensation of an anodic oxide film on aluminum. A. E. Bogdanovskii, V. T. Belov, I. A. Vagina. *Zav. lab.* 31 no. 6 716-717 '65

PHOTONS

Induced radiation at high photon densities. B. I. Bondarev. *Izv. vys. ucheb. zav., radiotiz.* 8 no. 6 1156-1159 '65

Lifetime of the excited state in gases. G. A. Beglavskii, O. N. Chavchenidze. *Soob. AN Gruz. SSR* 41 no. 2 301-307 F '66

PHOTOPERIODISM

Effect of cyanide on the development of radicle and perilla under various day-length conditions. N. P. Akmenova. *Fiziol. rast.* 13 no. 2 265-268 Mr-Apr '66.

PHOTOSYNTHESIS

Assimilation activity of ginseng under various illumination conditions; the accumulation of carbon in leaves. P. P. Vorob'eva. *Soob. DVFAN SSSR* no. 23 20-33 '61.

Dependence of the photosynthesis of *Prorocentrum micans* and *Gymnodinium kowalevskii* on solar radiation intensity. D. K. Akimova. *Fiziol. rast.* 13 no. 2 226-230 Mr-Apr '66.

Effect of temperature during the grain formation period on the productivity of summer wheat. Z. F. Liapshina. *Fiziol. rast.* 13 no. 2 327-331 Mr-Apr '66.

Effect of the disturbance of water balance in assimilating leaf tissue on the intensity of photosynthesis in sugar beet plants. E. V. Lebedenko, V. P. Batiuk, A. S. Okanenko. *Fiziol. rast.* 13 no. 2 339-342 Mr-Apr '66.

Gas exchange of plants. V. L. Voznesenskii. *Fiziol. rast.* 13 no. 2 216-225 Mr-Apr '66.

Participation of ferredoxin from pea seedlings in the photo-reduction of NADP. E. N. Mokhin, E. A. Akudova. *Dokl. AN SSSR* 167 no. 5 1177-1180 Ap '66.

Photoreduction of algae. M. V. Ulubekova. *Usp. sov. biol.* 61 no. 2 204-301 Mr-Apr '66.

Some prerequisites of the liberation of the diene C_3H_6 by poplar leaves. G. A. Sanadze, A. L. Kurbanov. *Fiziol. rast.* 13 no. 2 201-207 Mr-Apr '66.

Study of action spectra of photosynthesis and Emerson effect in higher plants. F. F. Litvin, Khe-tani. *Dokl. AN SSSR* 167 no. 5 1187-1190 Ap '66.

Study of the kinetics of postilluminescence fading of photosynthesizing organisms. A. B. Rudin, A. S. Fokht, P. S. Venediktov. *Biofizika* 11 no. 2 229-305 '66.

PHOTOTELEGRAHY

Experience in the operation of the "Aragvi" phototelegraph apparatus. M. D. Kuznetsov. *Vost. svyaz* 26 no. 2 18-20 F '66

PHthalANCARDOXYLIC ACID

Polyarylates with a side phthalide group in the polymer chain based on diphenylphthalidecarboxylic acid. V. V. Korshak and others. *Vysokom. sred.* 8 no. 3 518-552 M '66.

PHthalIC ACID

Absorption of nitrogen on silica gel modified by dibutyl phthalate presorption. G. A. Buganova, V. V. Seleznev. *Izv. AN SSSR Ser. khim.* no. 1 741-744 '66

Absorption of water vapors on silica gel modified by dibutyl phthalate presorption. G. A. Buganova, V. V. Seleznev. *Izv. AN SSSR Ser. khim.* no. 1 741-744 '66

Equation of state of Pion-22-dibutyl phthalate. V. M. Sel'tsikov. *Izv. vys. ucheb. av. uch. z. 9 no. 1 111-116 Ap '66.*

PHthalIMIDE—PHYSIOLOGICAL EFFECT

Teratogenic effect of thalidomide in experiments on chick embryos. P. N. Alekandrov, V. A. Bogdanova, A. M. Chernukh. *Biul. ekap. biol. i med.* 61 no. 1 89-92 F '66.

PHthalOCYANINES—PHOTOELECTRIC PROPERTIES

Effect of absorption on the photoelectric properties of metal-destitute phthalocyanine. V. A. Bondarenko, N. N. Usov. *Dokl. AN SSSR* 167 no. 1 818-851 Ap '66

PHthalVAZIDE—PHYSIOLOGICAL EFFECT

Phthalvazide-resistance of *Mycobacterium tuberculosis* and its significance in clinical practice. V. P. Belogurova, V. K. Dargavich. *Sov. med.* 29 no. 3 66-72 M '66.

PHthalVAZIDE—SIDE EFFECTS

Study of free amino acids and phosphorus fractions in the blood following the administration of streptozin and phthalvazide. M. A. Cherkova, Zh. Z. Kharakter. *Vop. med. khim.* 11 no. 3 140-144 My-de '65.

PHYCOERYTHROBILIN

Photochemical properties of phycoerythrobilin. V. B. Evstignejev, O. D. Bekasova. *Biofizika* 11 no. 2 216-251 '66.

PHYLLOXERA

Role of oxidation-reduction systems in the resistance of grapes to Phylloxera. T. V. Arshavskaya, T. V. Denisenko. *Vest. Mosk. univ. Ser. 6 Biol. i pochv.* 21 no. 1 71-85 Ja-F '66

PHYLOGENY

Micro- and macrophylogeny in sexually cross-fertilizing organisms. N. V. Timofeev-Ivanovskii. *Trudy Inst. biol. UFAN SSSR* no. 41 5-9 '65

PHYSICAL AND THEORETICAL CHEMISTRY see Chemistry, Physical and theoretical

PHYSICAL EDUCATION AND TRAINING

Acceleration speed of the athlete's proficiency in sports in the course of many years of training. A. S. Medvedev, R. A. Romanov, A. V. Cherniak. *Teor. i prakt. fiz. kult.* 29 no. 1 30-33 Ap '66

Effect of physical training on neurohumoral changes and protein morphogenesis. V. Romanovskii and others. *Fiziol. zhur.* 52 no. 4 416-419 Ap '66.

Form of the problem "Cybernetics and sports." V. F. Chernomirnov. *Teor. i prakt. fiz. kult.* 29 no. 1 76-77 Ap '66.

Foundation is laid. A. D. Novikov. *Teor. i prakt. fiz. kult.* 29 no. 4 111-12 Ap '66.

Isometric training of muscle strength in sports. L. V. Geikan. *Teor. i prakt. fiz. kult.* 29 no. 1 70-71 Ap '66.

Local moment training for the most important contests. *Teor. i prakt. fiz. kult.* 29 no. 4 167-70 Ap '66.

Lenin's ideas as a source for the theoretical and practical development of the physical education movement. G. S. Demeter. *Teor. i prakt. fiz. kult.* 29 no. 4 1-5 Ap '66.

Normative requirements of the Soviet system of physical education. E. S. Gromadskii. *Teor. i prakt. fiz. kult.* 29 no. 4 54-57 Ap '66.

Ozolin, N. G. [For athletes about sports training]. *Sportmen o sportivnoi trenirovke.* Izd. 2, pererab. Moskva, Fizkul'tura i sport, 1966, 77 p. (Biblioteka sportmena)

Public hygiene and physical education in the program of the CPSU. O. A. Mil'shtein. *Teor. i prakt. fiz. kult.* 29 no. 4 8-10 Ap '66.

Some prerequisites for optimal guidance in the development of skill in sports. I. V. Verkhoshanskii. *Teor. i prakt. fiz. kult.* 29 no. 4 21-23 Ap '66.

Teacher's role in the all-round training of youth. M. F. Podskotskii. *Teor. i prakt. fiz. kult.* 29 no. 4 164-66 Ap '66.

PHYSICAL EDUCATION AND TRAINING--CONGRESSES

Discussion on the structure of movements in sports technique. D.D. Donkoi. *Izvestiya fiz. kul't.* 29 no. 1-7-78 Ap '66.

PHYSICAL EDUCATION AND TRAINING--TEACHER TRAINING

On the problem "Cybernetics and physical education." B.A. Naumov, V.A. Petrov. *Izvestiya fiz. kul't.* 29 no. 1-7-78 Ap '66.

PHYSICAL EDUCATION FACILITIES see subdivision under Leningrad

PHYSICAL EDUCATION FOR CHILDREN

Iankelevich, E.L. [From three to seven] Otkrytye zanyatiya s det'mi i mladozhenami. Moskva, Fizkul'tura i sport, 1966. 117 p.

PHYSICAL GEOGRAPHY see subdivision under North America, Sindh, Uzbekistan

PHYSICAL GEOGRAPHY--EXAMINATIONS, QUESTIONS, ETC.

Davydova, M.I., A.L. Kravenskii, and G.K. Tushinskii. [Physical geography of the U.S.S.R., practical assignments] Fizicheskaya geografiya SSSR, prakticheskie zadaniya. Izd. 2, poist. Moskva, Prosveshchenie, 1965. 161 p., fold. map (insert).

PHYSICAL INSTRUMENTS

Wave machine. M.N. Nechiporuk. *Rad. shk.* 44 no. 2, 101-102 F '66.

PHYSICAL OPTICS see Optics, Physical

PHYSICAL THERAPY

(see also subdivision under Moldavia)

Some problems of modern neuropsychology and physiotherapy, the problem of interaction of organs in physiotherapy and health resort treatment. M.R. Mogen-dovich. *Vop.kur., fizioter., i tekhn. kul't.* 31 no. 1 14-20 '66.

PHYSICAL THERAPY--CONGRESSES

All-Union Congress of Physiotherapists and Health Resort Specialists. G.A. Nivnitsa, V.T. Olefinenko. *Vop.kur., fizioter., i tekhn. kul't.* 31 no. 1 10-16 '66.

Problems of balance and physiotherapy discussed at the 10th out-of-town session of the Institute of Polymers and Virology of the Academy of Sciences of the U.S.S.R. A.I. Shvets. *Vop.kur., fizioter., i tekhn. kul't.* 30 no. 2 10-16 '65.

Symposium on balneotherapy ("spa therapy") in Bulgaria. V.G. Bobkina. *Vop.kur., fizioter., i tekhn. kul't.* 30 no. 2 10-16 '65.

PHYSICAL THERAPY--PSYCHOLOGICAL ASPECTS

Problems developing under the influence of sanatorial and health resort treatment. V.A. Zakhin. *Vop.kur., fizioter., i tekhn. kul't.* 30 no. 2 17-16 Mr.-Ap '65.

PHYSICALLY HANDICAPPED--EMPLOYMENT see

subdivision under Kuybyshev Province, Omsk, North

PHYSICALLY HANDICAPPED--REHABILITATION

(see also subdivision under Vladimir)

Measures have been taken. *Sols.obesp.* 41 no. 3:27 Mr '66.

PHYSICS

Unit and the physicochemical. I. Zolotarevskii. *Vop.kur., i tekhn. kul't.* 30 no. 1:50-60 N '65.

PHYSICS--ABSTRACTS

[Physics] *Ref. zhur., fiz.* no. 4 Ap '66.

PHYSICS--DICTIONARIES

Akademika nauk Azerbaidzhanской SSR, Baku. "Terminologicheskii komitet." [Dictionary of physical terms] Slovar' terminov po fizike. Baku, Izd-vo Akad.nauk Azerbaidzhanской SSR, 1965. 239 p. [In Russian and Azerbaidzhan].

[Encyclopedic physics dictionary] Fizicheskiy ensiklopedicheskiy slovar'. Glav. red. A.M. Baldin i dr. Moskva, Sovetskaya Entsiklopediya. (Entsiklopedii, slovari, spravochniki) Vol. 5. Spektr - Arkon'. 1966. 576 p.

PHYSICS--PROGRAMMED INSTRUCTION

Use of programmed textbooks in physics. I.A. Romanova. *Rad. shk.* 44 no. 2:31-37 F '66.

PHYSICS--STUDY AND TEACHING

Laboratory work in physics and demonstrations on the section "Vibrations and waves." I.G. Lohuk, V.V. Trubnikov. *Vost. vys. shkoly* 24 no. 3:87-90 Mr '66.

Progressive practices should benefit all. M.I. Rozenberg. *Rad. shk.* 44 no. 3:61-67 Mr '66.

Shilin, F.Sh. [Some difficult questions in the teaching of physics, laws of motion, crystals and molecules, scales of phenomena and units of measurement] Nekotoryye trudnye voprosy pri podgotovke fiziki, o zakonakh dvizheniya, kharakteristikakh molekulakh, massivnykh i vidakh izmeneniya. Moskva, Prosveshchenie, 1966. 149 p.

Teaching of mathematics and physics in schools. S.T. Zavalo. *Rad. shk.* 44 no. 2:1-9 F '66.

PHYSIOLOGICAL APPARATUS

Electromyographic method of research in weight lifting and wrestling. A.P. Bykov. *Teor. i prakt. fiz. kul't.* 29 no. 4:11-13 Ap '66.

Class microelectrodes with metal conductor for the extracellular registration of potentials. L.V. Reshod'ko, O.V. Petrov. *Fiziol. zhur.* [Ukr.] 12 no. 2:273-271 '66.

Isolation of depth electrodes with epoxy resins. A.J. Bundonin. *Fiziol. zhur.* 52 no. 4 430-438 Ap '66.

Recording of the secretion of digestive juices in farm animals, using a semiconductor device. I.U.A. Medvedev, O.I. Sosnov. *Fiziol. zhur.* 52 no. 4 430-431 Ap '66.

Reflexograph, a device for studying the higher nervous activity in man. K.O. Shkabarova and others. *Fiziol. zhur.* [Ukr.] 12 no. 2:269-272 '66.

Semiatomatic device for the development of defence conditioned reflexes in rats. N.P. Speranskaya, V.A. Krivopalov. *Farm. i toks.* 28 no. 2:250-252 Mr.-Ap '65.

Telephone for determining the tonus of arterial vessels. I.F. Lulakov. *Voen.-med. zhur.* no. 4:65-68 Ap '66.

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGY

Ado, A.D. [Some philosophical aspects of the theory of disease. Materialistic principles of the theory of the reactivity of the organism [by] V.V. Kupriyanov]. Nekotoryye filosofskie aspekty ucheniya o bolezni. Materialisticheskie osnovy ucheniya reaktivnosti organizma [by] V.V. Kupriyanov. Moskva, Znanie, 1965. 74 p. (Biblioteka "Filosofskie problemy meditsiny," no. 2)

Potlenko, V.P. [Problem of entirety in modern medicine. Problem of structural and functional relations in medicine]. Problema tselostnosti v sovremennoi meditsine. Problema struktural'no-funktsional'nykh otnoshenii v meditsine. Moskva, Znanie, 1965. 58 p. (Biblioteka "Filosofskie problemy meditsiny," no. 3)

Variations in the physiological functions of the organism and their typological significance. M. Pospisil. *Biofizika* 11 no. 2:346-360 '66.

PHYSIOLOGY, PATHOLOGICAL see subdivision under Transbaikalia

PHYSOSTIGMINE--PHYSIOLOGICAL EFFECT

Quantitative evaluation of electrocorticogram in rabbits in the study of the effect of physostigmine on thiopental anesthesia. A. Michals. *Farm. i toks.* 28 no. 2:140-143 Mr.-Ap '65.

PHYTIN

State of phytin in aleurone grains of mature and germinating seeds. A.M. Sobolev. *Fiziol. rast.* 13 no. 2: 193-200 Mr.-Ap '66.

PHYTOGEOGRAPHY

(see also subdivision under Alakol' Depression)

Many of the seasonal development of desert flora. N.G. Khazin. *Izv. AN Turk. SSR Ser. biol. nauk* no. 1: 12-19 '66.

PHYTONCIDES

(see also subdivision under Armenia)

Effect of gas-like juices on the phytoncidal activity of a series of food plants. R.P. Turchuk. *Nauch. dokl. vys. shkoly biol. nauk* no. 2:105-107 '66.

PHYTOPATHOGENIC BACTERIA see Bacteria, Phytopathogenic

PHYTOPATHOGENIC FUNGI see Fungi, Phytopathogenic

PHYTOPHTHORA

(see also subdivision under White Russia)

Characteristics of the reaction of different tomato forms and varieties to Phytophthora infection (Phytophthora infestans D.B.) V.N. Shitko. *Sbornik trud. VIR* no. 2 37-12 '64.

Testing samples of tomatoes for resistance to Phytophthora infection in the Maritime Territory. A.N. Timofeev. *Sbornik trud. VIR* no. 2 43-50 '64.

PHYTOPHTHORA--CULTURES AND CULTURE MEDIA

Morphological characteristics of some species of Phytophthora in saprophytic culture. G.N. Ryzantseva. *Bull. Glav. bot. sada* no. 60:62-67 '65.

PHYTOPHTHORA--GENETIC RESEARCH

Genetics of the resistance of potato to Phytophthora infestans (Mok.) De Bary strains and their variability. G.F. Malafayeva, I.N. Kozlovskaya. *Genetika* no. 3 18-19 '65.

PHYTOPLANKTON see subdivision under Lyanichka River (Maritime Territory)

PHYTOSOCIOLOGICAL RESEARCH--CONGRESSES

Second All-Union Conference on Experimental Phytogeography. V.G. Karpov, V.N. Malafayev. *Bot. zhur.* 51 no. 3:463-468 Mr '66.

PICRIC ACID

Picates of some medicinal preparations. M.P. Ivinskii. *Farmatsiya* zhur. 20 no. 2:23-25 '65.

PICROLONIC ACID

Triphenyltetrazole chloride as an analytical reagent. Report No. 1. Triphenyltetrazole picrolonate (2,3,5-triphenyltetrazole-1-pyridophenyl-3-methyl-4-nitro-5-pyridazole). A. Aleksandrov, P. Vasilova-Aleksandrova. *Zhur. anal. khim.* 21 no. 3 370-372 '66.

PIEZOELECTRIC SUBSTANCES

Calibration of piezoelectric transducers with changes in impact actions. S.B. Benilov, A.I. Shchurov. *Trudy MIIT* no. 221:110-112 '66.

Study of a multidimensional force field perceived by piezoelectric elements. S.B. Benilov. *Trudy MIIT* no. 221:107-109 '66.

PIGMENTS

Effect of medium on the adsorption when bleaching analysis of the coloring pigments of oil. N.K. Nadirev, G.I. Lubavskaya, L.A. Tolchub. *Izv. vys. ucheb. zav., pishch. tekhn.* no. 2 61-65 '66.

Kinetics of pigment formation. K. Polinszky. *Zhur. prikl. khim.* 39 no. 1:49-58 Ja '66.

Studying the structural and mechanical properties of titanium dioxide and zinc oxide modified with sodium oleate. M.G. Sakharova and others. *Lakokras., mat. i kh. prikl.* no. 2:24-26 '66.

Using the fluidized bed method for washing and concentration of pigment suspensions. Karoly Polinszky. *Zhur. prikl. khim.* 39 no. 1:225-227 Ja '66.

PIGMENTS--OPTICAL PROPERTIES

Light scattering in slightly colored suspensions and the covering power of white dyes. I.U. Bobylenko. *Lakokras., mat. i kh. prikl.* no. 2:50-53 '66.

PIKE see subdivision under Siberia

PIKE PERCH see subdivision under Alakol' Lakes

PILING (CIVIL ENGINEERING)

Testing screw piles. F.M. Zeksei. *Ucheb. stroit.* no. 16: 58-61 '61.

PILING (CIVIL ENGINEERING)--FOUNDATIONS

Practice in pile-driverless sinking of pile foundations for the supports of overhead contact systems. A.A. Orel, I.U.S. Raguzov. *Transp. stroit.* 15 no. 8:7-9 Ag '65.

PILING (CIVIL ENGINEERING)--TESTING

Slide rule for calculating the test breakdowns of piling. P.G. Danilin. *Transp. stroit.* 15 no. 8:47-48 Ag '65.

PINE

Quantitative composition of resin acids of the Crimean pine resin. (Pinus pallasianna Lamb.) II. Bardyshev, Kh.A. Cherches, Z.I.U. Kovtunenka. *Zhur. prikl. khim.* 38 no. 2 440-442 F '65.

PINENE

Spectrophotometric method for determining polychloropheno in animal tissues. V.A. Klenov, B.N. Fedotov. *Khim. v sel. khoz.* no. 4:53-55 Ap '66.

PIONEERS (COMMUNIST YOUTH)

"Glow, Lenin's stars!" E. Koridalina. *Sem'ia i shkola* 21 no. 2:34-35 F '66.

There is a Pioneer summer ahead. *Sov. profsoyuz* 22 no. 8:23-24 Ap '66.

"You should learn while struggling and struggle while learning." Boris Kun. *Mol. komm.* no. 2:108-111 '66.

PIPE--CORROSION

Study of the corrosion resistance of drainage pipes made of local materials. I. Usmanov. *Stroitel'skii, Uzb.* 7 no. 2:40-41 F '66.

PIPE--TESTING

Unit for hydraulic testing of high-pressure pipes and fittings. I.I. Zvonetskii. *Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 19 no. 2:11-12 F '66.

PIPE—WELDING

Condition determining the uniform heating of pipe ends by a magnetically controlled arc discharge. V.D. Taran, I.U.G. Gagen. Izv. vyz. ucheb. zav., nefi i gaz 8 no. 8, 97-99 '65.

Machine for cleaning the scale from pipe being welded. I.U.P. Avdeeva. Svar, proizv. no. 239 F '66.

PIPE, ALUMINUM

Mechanization of auxiliary operations during the production of nonferrous metal pipe. A.I. Baturin, P.I. Pichugin, V.A. TSyper. TSvet. met. 39 no. 4:81-84 Ap '66.

PIPE, CONCRETE

Concrete pressure pipes with glass-reinforced plastic reinforcement. O. Volnov and others. Bud. mat. i konstr. 7 no. 4:14-18 Ji-Ag '65.

Large-diameter precast pipes from reinforced concrete. I.A. Diagonov, V.E. Chernikova. Energ. stroit. no. 46 62-69 '64.

PIPE, GLASS

Use of glass pipes in wood chemicals manufacture. M. K. Popandopulo. Gidroliz, i leskhim. prom. 10 no. 3 25 '65.

PIPE, PLASTIC

Effect of the design of the exterior calibrating devices on the mechanical properties of pipes made from high-density polyethylene. V.N. Rjabchenkov and others. Plast. massy no. 4 30-31 '65.

Substituting polyethylene tubes for rubber hose. D.D. Kartsev. Elct. i teplot. 10 no. 2 22-23 F '65.

PIPE, PLASTIC—WELDING

Conference on the welding of thermoplastic piping. M.V. Khanapetov. Mont. i spets. rab. v stroit. 28 no. 4:28-29 Ap '66.

Welding of polyethylene pipes. V.S. Ivanov. Mont. i spets. rab. v stroit. 25 no. 12:13-15 D '63.

PIPE, STEEL

Determination of basic parameters for the cooling of cylinders during jet hardening. G.N. Kheifets and others. Proizv. trub no. 15:72-79 '65.

Hardening of oil pipe and tubodrill casings and shafts during induction heating. N.V. Zimlin, V.G. Shevchenko. Metalloved. i term. obr. met. no. 8:11-15 Je '65.

Heat spread in the wall of a finned water well pipe. I.A. Zhulodov. Teploenergetika 13 no. 3 89-91 Mr '65.

Production of double-walled pipe with longitudinal open channels between the walls. M.Sh. Kaufman and others. Stal' 26 no. 4:318-319 Ap '65.

Reliability of austenitic steels used in power systems with steam parameters of 650°C and 315 atm. pressure. V.F. Zlepko, T.A. Shustova. Teploenergetika 13 no. 4:10-13 Ap '66.

Strain hardening of the metal in the production of electrically welded large-sized straight-seamed pipe. S.I. Borisov, V.K. Kolomenskii. Proizv. trub no. 15 43-47 '65.

Study of heat transfer from a steel pipe to water saturated with carbon dioxide. N.S. Aiforov, R.A. Rybin, N.P. Shamanov. Teploenergetika 13 no. 4:67-69 Ap '65.

Studying roller hearth furnaces for the heat treatment of prospecting pipe. A.S. Kadinova, V.B. Tov, T.V. Ivanova. Proizv. trub no. 15:67-72 '65.

Thermomechanical treatment of pipe for the petroleum industry. M.L. Bernshein, N. Dregan, Metalloved. i term. obr. met. no. 8:15-11 Je '65.

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usion, L.P.
ib no. 15 90-95

eg in finished
V. Nikolenko,
Ap '66.

o painting of
I. Maksakov,
'66.

o by the potentio-
bichenko.

ugal method,
Timofeev,
5 Ap '66.

f pipe of EP160,
conditions of
others. Proizv.

Using magnetic probes for flaw detection in steel pipe in an applied circular magnetic field. N.N. Zaitsepin and others. Defektoskopiia 1 no. 6 3-8 '65.

PIPE, STEEL—WELDING

Gloving of rolls for the production of electrically welded rectangular and oval pipe. K.A. Tokaiev. Proizv. trub no. 15 17-50 '65.

Helical butt welding of thin-walled, stainless steel pipe. V.P. Abosimov, S.P. Litvinov, A.V. Gerfanov, Sval, proizv. no. 2 26-27 F '66.

Methods of determining the output of electric pipe welding machines. G.Z. Taitakovskii, B.M. Lev. Proizv. trub no. 15 129-132 '65.

Regulating the amount of penetration in arc butt welding of pipe that cannot be joined. A.A. Eikhin, I.U.S. Ishchenko. Svar, proizv. no. 2 7-9 F '66.

Resistance butt welding of thick-walled pipe in heat-resistant steel. S.I. Kuchuk-Iatsenko and others. Avtom. svar. 19 no. 3 7-10 Mr '66.

PIPE FITTING

Kovalev, M.K. [Cutting and checking the thread of drilling pipes and joints] Narezanie i kontrol' rez'by buril'nykh trub i zamkov. Izd. 2. Moskva, Nedra, 1965. 169 p.

PIPE FLANGES—WELDING

A shaper for electric slag welding of flanges to shafts. A.T. Abramov. Sval, proizv. no. 5 13-34 My '66.

PIPE INDUSTRY

Increasing the quality and saving materials in hot zinc plating of water and gas pipes. I.A. Kh. Bakaljuk and others. Biol. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. tekhn. inform. 19 no. 2 42-44 F '66.

PIPE INDUSTRY—MANAGEMENT see subdivision under Chelyabinsk

PIPE JOINTS—TESTING

Types of periodical nonuniformity in the quality of seams along electrically welded pipe. F.D. Manevich, T.V. Kutsyagina, K.I. Shkabatur. Proizv. trub no. 15:50-54 '65.

Welding a pipeline of imported chromium-nickel-molybdenum steel. L.P. Levadnyi, V.V. Eronin. Svar, proizv. no. 2:33 F '66.

PIPE JOINTS—WELDING

Welding the joints of pipes made from two-layer metal (Kh14Ni8V2B steel + M2S copper). I.N. Medrish and others. Khim. i nef. mashinost. no. 4:20-30 Ap '66.

PIPE MILLS

Conditions for carrying out the process of continuous pipe rolling on mandrels. A.N. Kirichenko, I.P. Savkin. Proizv. trub no. 15:9-15 '65.

Degree and speed of deformation in the pilger mill rolling of pipe. S.I. Borisov, V.P. Sokurenko, V.S. Rudol. Proizv. trub no. 15:21-25 '65.

Investigating dynamic stresses in the elements of a mill for cold rolling of pipes. S.N. Kozhevnikov and others. Prikl. mekh. 2 no. 4 137-139 '66.

Mastering pipe reduction with the "30-102" continuous pipe rolling mill. A.A. Shevchenko and others. Proizv. trub no. 15 5-8 '65.

Production of double-walled pipe with longitudinal open channels between the walls. M.Sh. Kaufman and others. Stal' 26 no. 4:340-349 Ap '66.

Relative displacement of metal and the freely floating mandrel during pipe rolling on continuous-operation mills. P.P. Lavrov. Stal' 26 no. 4:345-348 Ap '66.

Speed conditions and leading in pipe rolling on long mandrels. A.A. Shevchenko, I.A. Chekmarev. Proizv. trub no. 15 15-21 '65.

PIPE MILLS—DESIGN AND CONSTRUCTION

Four-row bearings with "floating" collars on the supports of rolls. I.P. Goncharov, S.K. D'yachenko, I.A. Utin. Metallurg 11 no. 4:28-30 Ap '66.

PIPE MILLS—EQUIPMENT AND SUPPLIES

Mechanization of auxiliary operations during the production of nonferrous metal pipe. A.I. Baturin, P.I. Pichugin, V.A. TSyper. TSvet. met. 39 no. 4:81-84 Ap '66.

Studying the operation of continuous roller hearth furnaces for the heat treatment of ball-bearing pipe. I.S. Sitkovskii and others. Stal' 26 no. 4:370-373 Ap '66.

PIPE MILLS—QUALITY CONTROL

Quality control of thin-walled pipe. A.T. Nikolaenko and others. Defektoskopiia 2 no. 1:24-34 '66.

PIPELINE TRANSPORTATION OF SOLIDS

Prolov, A.G. [Principles of the transportation of loose materials in pipes without a carrying agent] Osnovy transporta ayyuchikh materialov po trubam bez nesushchei sredy. Moskva, Nauka, 1966. 117 p.

PIPELINE TRANSPORTATION OF SOLIDS—ABSTRACTS

[Pipeline transportation] Ref. zhurn. T rub. transp. nos 3-4 Mi-Ap '66. Predmetnyi ukazatel' za 1005 g.

PIPELINES

Determination of gas pressure drop in pipe system taking into consideration temperature change. V.V. Gusev. Teploenergetika 13 no. 3:80-87 Mr '66.

Kameishstein, A.G. [Operating conditions of steel pipelines and their carrying capacity potential] Uslovia raboty stal'nykh i ubopovodov i rezevnykh nesushchei sposobnosti. Moskva, Stroiizdat, 1966. 241 p.

PIPELINES—CATHODIC PROTECTION

Predicting the aging of pipelines insulation. A.M. Krivonoz. Gaz, delo no. 4:20-22 '66.

Unit for testing line cathodic protection stations and drainage installations. E.A. Nikitenko. Transp. i khran. nefi i nefteprod. no. 3:10-11 '66.

PIPELINES—CORROSION

Method for investigating the mechanostrength properties of some polymer compositions of anticorrosive coatings for pipelines. A.A. Korlovskaya, N.G. Rjabchikova, S.A. Kudashova. Gaz, delo no. 4:23-25 '66.

Seminar on the "New equipment for protecting pipelines from electric corrosion and methods for its assembly." V. Golubnichii, P. Finkel'shtein. Nef. khor. 13 no. 7 68-67 Ji '65.

Using remote control in the operation of cathodic and electrochemical units for pipelines. V.I. Antoshin, E.A. Nikitenko. Gaz, delo no. 3:28-31 '65.

PIPELINES—DESIGN AND CONSTRUCTION

Device for manufacturing and assembling pipelines. L.M. Pesni, M.I.A. Taslitskii. Mont. i spets. rab. v stroit. 25 no. 12:8-11 D '63.

Method for hydraulic calculation of pipelines for gas-liquid mixtures. G.G. Kornilov, V.I. Chernikhin. Transp. i khran. nefi i nefteprod. no. 3:3-6 '66.

PIPELINES—EQUIPMENT AND SUPPLIES

Remotely controlled welding current during assembly. A.P. Latev. Svar, proizv. no. 5:36 My '66.

PIPELINES—MAINTENANCE AND REPAIR

Clamp with a bushing for emergency repairs of pipelines. A.N. Korlin. Transp. i khran. nefi i nefteprod. no. 3: 35-36 '66.

PIPELINES—SAFETY MEASURES

Lightning protection of cathodic and drainage stations of pipelines. I.A. Lidel'man, E.A. Nikitenko. Transp. i khran. nefi i nefteprod. no. 3:25-28 '65.

PIPELINES—WELDING

Welding a pipeline of imported chromium-nickel-molybdenum steel. L.P. Levadnyi, V.V. Eronin. Svar, proizv. no. 2:33 F '66.

PIPERIDINE—PHYSIOLOGICAL EFFECT

Pharmacology of some 5-alkyl- and aryl-substituted of 1, 2, 5-trimethylpiperidine-4-one. N.A. Iskatov, K.S. Shadrskii. Farm. i toka. 28 no. 2:104-108 Mr-Ap '65.

PIRICULARIA

Degree of the resistance of rice blast. I.I. Sokolova. Sbor. trud. VIR no. 2:66-71 '61.

PIRLEN—PHYSIOLOGICAL EFFECT

Effect of pirilen on the contractile activity of the uterus in pregnant and nonpregnant rabbits. I.V. Borodai. Fiziol. zhurn. [Ukr.] 12 no. 2:265-268 '66.

PIRIN MOUNTAINS, BULGARIA—GLACIAL EPOCH

New data on the glaciation of the Pirin Massif (Rhodope). D.A. Lidenberg, V.I. Popov. Dokl. AN SSSR 167 no. 5:1110-1122 Ap '66.

PIROGOV, NIKOLAI IVANOVICH, 1810-1881

Problems of zemstvo medicine in N.I. Pirogov's works. A.K. Rudenko. Sov. med. 29 no. 4:152-155 Ap '66.

PIROPLASMOSIS

Changes in the blood and the bone marrow of cattle with babesiosis. I.M. Karput. Veterinaria 42 no. 3:60-64 Mr '66.

PIRUMOV, KRISTOFOR NIKOLAEVICH, 1805-

Kristofor Nikolaevich Pirumov; on his 70th birthday. Med. paraz. i paraz. bol. 35 no. 1:123 Ja-F '66.

PISAREV, DMITRII IVANOVICH, 1840-1888

D.I. Pisarev's "realistic" ethics. N.V. Demidova. Uch. zap. Kaf. obshchestv. nauk vuz g. Len., Filos. no. 7:266-274 '65.

PISTOL SHOOTING

The master's path. V. Panich, Voen. znan. 42 no. 4: 10 Ap '66.

PISTOL SHOOTING—STUDY AND TEACHING

Elementary school of the pistol shooter. I. Blinov, Voen. znan. 42 no. 4: 38 Ap '66.

PISTON RINGS

Studying the leakage of gas through a piston ring seal. I. L. Lutov, Trudy TSNIMM no. 71 82-86 '66.

PISTON RINGS—TESTING

Wear resistance of the chromium plating of a ring under the effect of pressure rise at various rates. B. N. Pakhomov, Fiz.-khim. mekh. nauk. 2 no. 1: 2-3 '66.

PISTONS

Graphico-analytical method of determining the duration of the unsteady motion of a piston in high-pressure hydraulic systems. V. F. Aleksandrov, Trudy LTTSBP no. 18: 250-259 '66.

Methods of determining the permissible divergence of the axes of the diesel piston and the piston hole. P. A. Dolinakil, R. N. Stokolitsa, Sudostroenie 30 no. 4: 15-47 Ap '64.

PISTONS—WELDING

Automatic welding of a pump piston in carbon dioxide. I. D. Pol'is, Svar. proizv. no. 2: 37 F '66.

PITCH

Fusion of coal pitch. L. I. Zlatin, L. I. Iakimov, F. M. Panonko, Koks i khlut. no. 4: 21-22 '66.

PITCH—ANALYSIS

Studying the physicochemical properties of pitch. L. P. Dobrovolskiy, L. V. Kopylovich, Koks i khlut. no. 4: 23-25 '66.

PITCHBLENDING Uraninite

PITNYAK REGION (UZBEKISTAN)—GEOLOGY, STRATIGRAPHIC

Separation of Upper Jurassic sediments in the Pitnyak region. A. K. Mat'nev, Trudy MINKHGP no. 61 28-33 '66.

PITUITARY BASOPHILISM see Cushing syndrome

PITUITARY BODY

Effect of liquid extract from the roots of Eleutherococcus on the hypothalamic-adrenocortical system. O. I. Kiltov, Soob. DVFAN SSSR no. 23 3-5 '64.

Effect of some monomelicoidine inhibitors on the hypothalamic-adrenocortical system. V. G. Zorlan, Farm. i toks. 28 no. 1: 40-41 31-Ag '65.

Experimental myocarditis and arthritis induced by a combined method in hypophysectomized rats. Z. Kemileva and others, Pat. fiziol. i eksp. terap. 10 no. 1: 50-62 Jan '66.

Mechanism of the effect of phenamine on the hypothalamic-adrenal system. E. V. Naumenko, R. U. Il'chenok, N. D. Nedzheva, Biol. eksp. biol. i med. 61 no. 2: 64-67 F '66.

Neurosecretory hypodent in the differentiation of hypophyseal basophilis. A. A. Volkovich, Biol. eksp. biol. i med. 61 no. 2: 62-66 F '66.

PITUITARY BODY—SURGERY

Method of paracardiac hypophysectomy in rabbits. V. Astravskas, Pat. fiziol. i eksp. terap. 10 no. 1: 75-77 Jan '66.

PITUITARY FOSSA—TUMORS

Clinical aspects and surgical treatment of tumors of the tuberculum sellae turcicae. A. L. Arutunov, I. M. Kiltov, Vop. neirokhir. 30 no. 1: 1-5 Jan '66.

PLACENTA

Histochemical characteristics of phosphatases in the placenta and placental portion of the uterus at different times of pregnancy in white rats. G. I. Malina, Soob. AN Gruz. SSR 41 no. 2: 439-443 F '66.

PLACER DEPOSITS

Genetic types of placers in the Pamirs and some characteristics of their distribution. V. A. Vasil'ev, Dokl. AN Tadzh. SSR 9 no. 3: 31-35 '66.

Peculiarities of the formation of working face slopes and open-pit side walls during the dredging of deep placers. G. N. Voronchikhin, Izv. vys. ucheb. zav. i gor. zhur. 9 no. 2: 10-23 '66.

PLANARIA

Effect of the combination of light and electric current on planaria. A. N. Chorkashin, I. M. Shelman, E. P. Sargolova, Zhur. vys. nerv. doint. 16 no. 2: 266-273 Mr-Ap '66.

PLANETS

Nonsteady-state scheme of planetary systems. Part 1. T. B. Omarov, Trudy Astrofiz. inst. AN Kazakh SSR 7: 26-31 '66.

PLANING RILLS

Scientific conference on the hydrodynamics of a hydrofoil. A. N. Panchenkov, A. N. Lukashenko, N. V. Shaibo, Fizik. mekh. 2 no. 1: 142-143 '66.

PLANT BREEDING

Polyploidy in plant breeding. V. E. Pisarev, Zemledelie 26 no. 1: 66-74 Mr '66.

Study of the heterosis phenomenon in radish, tobacco and strawberry. S. I. Naibut, T. S. Fadreeva, Genetika no. 3 1-15 '66.

PLANT CELLS AND TISSUES

Dying of cells of the parenchyma of the corn stem and the possibility of revitalization of their protoplasm. I. A. Dadyanaki, Ukr. bot. zhur. 23 no. 2: 51-59 '66.

PLANT COMMUNITIES—CONGRESSES

Ist All-Union Symposium on Physiological and Biochemical Principles of the Formation of Plant Communities (Phytocenoses). A. A. Chasovennala, Nauch. dokl. vys. shkoly, Biol. nauki no. 2: 230-231 '66.

PLANT INTRODUCTION see subdivision under Caucasus, Northern; Frunze, Leningrad

PLANT INTRODUCTION—CONGRESSES

Seminar-conference on the study of seeds of introduced plants. N. A. Borodina, Bull. Glav. bot. sada no. 60: 95-97 '63.

PLANT LICE—BIOLOGICAL CONTROL

Ladybirds as enemies of pseudoscales and aphids. G. I. Savolshina, Vest. sel'khoz. nauk [Kazakh] 9 no. 3 53-59 Mr '66.

PLANT PHYSIOLOGY—RESEARCH see subdivision under Moldavia, Ukraine

PLANT POPULATIONS

Clinical models of plant populations and a method of evaluating the levels of acclimatization mechanisms. V. A. Dimgal'ev, V. M. Ostil'kova, Genetika no. 3: 34-47 '66.

PLANT QUARANTINE see subdivision under Odessa

PLANT REGULATORS see Growth inhibiting substances; Growth promoting substances

PLANT TEMPERATURE

Solar radiation and thermal balance of a tree. N. N. Vygodskaya, Dokl. AN SSSR 167 no. 4: 940-943 Ap '66.

PLANTERS (AGRICULTURAL MACHINERY)

Adjusting grain planters to the flow rate. N. N. Orlov, V. Trapeznikov, Uch. zap. Mord. gos. un. no. 45: 13-20 '64.

Sowing and planting machines. E. A. Beliaev, B. F. Kuznetsov, Trakt. i sel'khoz. mash. no. 4: 12-14 Ap '66.

Studying the precision of the flow and distribution of seeds in the row by the SKRN-12B planter. V. P. Golovanov, Uch. zap. Mord. gos. un. no. 45: 3-12 '64.

PLANTS—ASSIMILATION

Effect of high concentrations of NaCl on potassium and sodium uptake and distribution in pumpkin plants under conditions of isolated nutrition. V. A. Solov'ev, Fiziol. rast. 13 no. 2: 320-326 Mr-Ap '66.

Significance of the growth zones of lupine roots for the absorption and conversion of nitrates. N. G. Potapov, V. E. Sumanova, Fiziol. rast. 13 no. 2: 231-235 Mr-Ap '66.

PLANTS—CHEMICAL ANALYSIS

(see also subdivision under Turkmenistan)

Chemical composition of motley type grasses in the Maritime Territory. K. G. Chupakhina, Soob. DVFAN SSSR no. 23: 57-61 '64.

Chromatopolarographic and polarographic determining of chlorophylls in plants. E. S. Kozmaty, I. B. Mironova, L. T. Bugaenko, Khim. v sel'khoz. no. 4: 64-67 Ap '66.

Colorimetric method of tracing dieldrin in plants. G. F. Vylegzhanina, Vop. pit. 23 no. 3: 72-75 My-Je '64.

Concentration of active substances in Leonurus quinquefolatus. V. V. Petrenko, N. V. Kurinna, Farmatsev. zhur. 10 no. 5: 67-71 '64.

Conditions of extracting ribonucleic acid from plant seedlings and leaves. A. B. Fedina, O. N. Kulueva, Fiziol. rast. 13 no. 2: 368-373 Mr-Ap '66.

Content of nutrients in the organs of different apple rootstocks and varieties, under conditions of pot experiments. I. A. V. Dumb, Uch. zap. Mord. gos. un. no. 4: 13-19 '65.

Phytochemical study of Xanthium strumarium. L. Report No. 1. M. M. Pashchenko, G. P. Pivnenko, Farmatsev. zhur. 10 no. 3: 16-19 '61.

Polarographic determination of diuron-O-ethyl and diuron-O-methyl in the soil. I. P. Vasil'ev, Vop. pit. 23 no. 3: 75-79 My-Je '64.

PLANTS—DISEASE AND PEST RESISTANCE

Biochemical mechanisms of the antimicrobial immunity of plants. B. A. Rubin, Nauch. dokl. vys. shkoly, Biol. nauki no. 2: 7-12 '66.

PLANTS—DROUGHT RESISTANCE

Effect of growth regulators on the water metabolism of forage beans. O. A. Stinkova, Fiziol. rast. 13 no. 2 286-306 Mr-Ap '66.

PLANTS—IRRIGABILITY AND MOVEMENTS

Distribution of heteroauxin and oriented plasmolysis during photo- and geotropism. P. A. Genkell, I. U. Urmansev, L. V. Bakanova, Fiziol. rast. 13 no. 2: 232-264 Mr-Ap '66.

Nature of the autonomic movements of leaves of Oxalis hedysaroides. E. G. Nazarov, Fiziol. rast. 13 no. 2 312-344 Mr-Ap '66.

PLANTS—METABOLISM

Characteristics of the intermediate state between anabolism and life in relation to its significance in the storage of vegetable raw materials. A. M. Goldovskii, Izv. vys. ucheb. zav. i shk. tekhn. no. 2: 9-11 '66.

Effect of gibberellin on metabolism in lettuce, tomatoes, and clover, on the yield of these crops and their quality. N. S. Avdonin, L. A. Lebedeva, Nauch. dokl. vys. shkoly, Biol. nauki no. 2: 171-174 '66.

Effect of the conditions of nitrogen nutrition on phosphorus metabolism and protein synthesis in plants. I. V. Uda-venko, M. N. Blazhdny, Vest. AN BSSR. Ser. sel'khoz. nav. no. 4: 38-42 '65.

Nitrogen and carbohydrate metabolism of the roots of bearing and nonbearing apple trees. V. O. Kazarian, R. G. Arutunian, Fiziol. rast. 13 no. 2: 332-338 Mr-Ap '66.

PLANTS—REPRODUCTION

Morphogenesis of the reproductive organs in poplars and their place in the phylogenetic system. P. P. Besschet-nov, B. K. Skupchenko, V. B. Skupchenko, Vest. sel'khoz. nauk [Kazakh] 9 no. 3: 95-99 Mr '66.

Reproduction of drooping foxtail by marching layers. M. L. Reva, Bull. Glav. bot. sad. no. 60: 78-81 '65.

Reproduction of Ephedra equisetina Burge after a fire. G. S. Stetsin, I. U. Vasil'ev, Rast. res. 2 no. 1: 87-90 '66.

Seed reproduction of Eleutherococcus senticosus Maxim. P. P. Vorob'eva, Bull. Glav. bot. sada no. 60: 19-54 '65.

PLANTS—RESPIRATION

Effect of brown leaf rust on the respiration of wheat. B. A. Rubin, N. B. Popova, Vest. sel'khoz. nauk. 10 no. 3: 61-67 Mr '65.

Effect of some respiration inhibitors on the reproduction of tobacco mosaic virus. G. S. Kalchava, L. N. Logina, L. N. Buldan, Soob. AN Gruz. SSR 41 no. 2: 431-434 F '66.

Effect of various conditions of magnesium nutrition on respiration and di- and tricarboxylic acid content in kidney bean leaves. G. Zh. Valikhanova, O. A. Grechukhina, A. I. Lebedeva, Fiziol. rast. 13 no. 2: 246-251 Mr-Ap '65.

Gas exchange of plants. V. L. Voznesenskii, Fiziol. rast. 13 no. 2: 216-225 Mr-Ap '66.

Respiratory gas exchange in sunflower seed at preharvest time. V. G. Shcherbakov, V. N. Sirov, Izv. vys. ucheb. zav. i shk. tekhn. no. 2: 20-22 '66.

PLANTS—TRANSPIRATION

Transpiration of spruce and larch in pure and mixed stands. N. I. Ivanovich, Vest. AN BSSR. Ser. bital. nav. no. 1: 23-27 '66.

PLANTS—WATER REQUIREMENTS

Detention of precipitation by crowns of coniferous and broad-leaved forests of the southern Maritime Territory. V. I. Tarankov, Soob. DVFAN SSSR no. 23: 75-77 '64.

PLANTS, CULTIVATED

[Plant culture] Ref. zhur.: Rast. nos. 3-4 Mr-Ap '66.

PLANTS, EDIBLE—ANALYSIS

Hygienic evaluation of some orchard and vine crops treated with methylmercaptophos. E. A. Markarian, Vop. pit. 23 no. 3: 80 My-Je '64.

PLANTS, EFFECT OF ADENINE ON

Possibility of using quinazoles for activating the ripening and germination of seeds. V. L. Karsanova, O. V. Kulicova, I. B. Kuznetsov. *Agrobiol. nauch.* 4:107-114 '66

PLANTS, EFFECT OF BORON ON

Effect of boron-magnesium fertilizers on the sugar content of commercial sugar beets. M. A. Zorin. *Blut. KirgNIIZ* no. 5 63-66 '60

Effect of molybdenum and boron in loamy turf-Podzolic soils on the yield of peas and forage beans. V. S. Rubanau, M. M. Ramanenkava. *Vestn. AN BSSR. Ser. sel'khoz. nauk* no. 1 14-19 '66

Effect of trace elements on the yield and chemical composition of potatoes. K. K. Kudlo. *Vestn. AN BSSR. Ser. sel'khoz. nauk* no. 1 47-50 '65.

Effect of trace elements on the yield and sugar content of beets in peat soils. H. I. Lashchvich. *Vestn. AN BSSR. Ser. sel'khoz. nauk* no. 4 55-59 '65

PLANTS, EFFECT OF CARBON ON

Assimilation actively o. glucose under various illumination conditions, the accumulation of carbon in leaves. P. P. Vorob'ev. *Sob. DVFAN SSSR* no. 23 29-33 '64.

PLANTS, EFFECT OF CHLORINE ON

Nature of the effect of potassium and chlorine on nitrogen metabolism in plants. G. V. Udov'enko, I. F. Min'ko. *Fiziol. rast.* 13 no. 2 226-243 Mr-Ap '66.

PLANTS, EFFECT OF COPPER ON

Effect of trace elements on the yield and sugar content of beets in peat soils. H. I. Lashchvich. *Vestn. AN BSSR. Ser. sel'khoz. nauk* no. 4 55-59 '65.

PLANTS, EFFECT OF CYANIDES ON

Effect of cyanide on the development of rudbeckia and perilla under various day-length conditions. N. P. Akseanova. *Fiziol. rast.* 13 no. 2 243-258 Mr-Ap '66

PLANTS, EFFECT OF GAMMA RAYS ON

Effect of gamma irradiation on the seeds on chlorophyll and carotene accumulation dynamics. O. V. Boldashovskaya, D. K. Kuznetsov. *Radio-biologiya* 6 no. 2 288-291 '66

Redistribution of free sugars in plants following gamma irradiation. D. K. Uzun, V. I. Tokarskaya. *Radio-biologiya* 6 no. 2 292-293 '66

PLANTS, EFFECT OF GIBBERELLIN ON

Effect of gibberellin on the growth and development of corn and tomatoes. P. S. Fedorov, I. G. Khrammatova. *Blut. KirgNIIZ* no. 5 39-42 '60.

PLANTS, EFFECT OF INSECTICIDES ON

Effect of preparations used against the shield bug *Eurygaster integriceps* on the quality of the grain of wheat. S. A. Tarlakovskii, P. F. Mende, G. V. Smirnova. *Khim. v sel'. khoz.* no. 4 33-34 Ap '65.

PLANTS, EFFECT OF LIGHT ON

Dynamics of light penetration in coniferous and broad-leaved forests of the southern Maritime Territory. V. I. Tarankov. *Sob. DVFAN SSSR* no. 21 79-81 '64.

Effect of light on the germination of seeds of forest and meadow-forest plants. G. P. Rysina, L. P. Rysina. *Nauch. dokl. vys. shkoly. biol. nauki* no. 2 107-110 '66

Effect of special light composition on the development and growth of eggplants of various origin. I. I. Shestunov. *Vestn. Mosk. un. Ser. 6 Biol. pochv.* 21 no. 1 73-76 Ja-F '66

Smokhvatov, G. K. [Light and plants] *Svet i rastenie. Khar'kov, Izd-vo Kharkovskogo univ.*, 1963. 174 p.

Study of action spectra of photosynthesis and Emerson effect in higher plants. F. F. Litvin, Khe I-tan, Dokl. AN SSSR 167 no. 5 1187-1190 Ap '66

PLANTS, EFFECT OF MAGNESIUM ON

Effect of boron-magnesium fertilizers on the sugar content of commercial sugar beets. M. A. Zorin. *Blut. KirgNIIZ* no. 5 63-66 '60.

Effect of various conditions of magnesium nutrition on respiration and di- and tricarboxylic acid content in kidney bean leaves. G. Zh. Valukhanova, O. A. Grechukhina, A. I. Lobedeva. *Fiziol. rast.* 13 no. 2 246-251 Mr-Ap '65.

PLANTS, EFFECT OF MINERALS ON

Effect of soil salinity on the mineral composition of plants. Z. Kh. Sahitova, *Uzb. biol. zhur.* 10 no. 1 27-30 '66.

PLANTS, EFFECT OF MOLYBDENUM ON

Effect of molybdenum and boron in loamy turf-Podzolic soils on the yield of peas and forage beans. V. S. Rubanau, M. M. Ramanenkava. *Vestn. AN BSSR. Ser. sel'khoz. nauk* no. 1 14-19 '66.

Effect of trace elements on the yield and chemical composition of potatoes. K. K. Kudlo. *Vestn. AN BSSR. Ser. sel'khoz. nauk* no. 1 47-50 '65

PLANTS, EFFECT OF NEUTRONS ON

Influence of neutron irradiation on the radiobiological phenomena in seeds irradiated with fast neutrons. G. V. Poronin. *Radio-biologiya* 6 no. 2 291-297 '66

PLANTS, EFFECT OF NITRATES ON

Absorption and transformation of nitrates by corn plants at different values of pH of the nutritive solution. V. S. Andronov, H. D. Vlokhina. *Nauch. dokl. vys. shkoly. biol. nauki* no. 2 156-159 '66

PLANTS, EFFECT OF NITROGEN ON

Effect of the conditions of nitrogen nutrition on phosphorus metabolism and protein synthesis in plants. H. V. Uda-venko, M. N. Biazhdudny. *Vestn. AN BSSR. Ser. sel'khoz. nauk* no. 1 38-42 '65.

Meadows of Holland in connection with the effect of nitrogen fertilizers on meadow vegetation. T. A. Rabotnov. *Bl. zhur.* 51 no. 3 458-462 Mr '66

Nitrogen fertilizers in the culture of citrus plants. I. D. Gankvaldiz. *Sakhtop. kul't.* no. 1 53-78 '65.

PLANTS, EFFECT OF PHOSPHORUS ON

Effect of phosphorus and potassium deficiency on nucleic acid metabolism in various flavo-organs. R. M. Pandel. *Uzb. biol. zhur.* 10 no. 1 35-38 '66.

Use of radioactive phosphorus and the study of the phosphate nutrition of plants. A. N. Ivanishina. *Uzb. biol. zhur.* no. 1 48-55 '65

PLANTS, EFFECT OF POTASSIUM ON

Continuous use of potassium fertilizers in a meadow flooded for short periods. T. A. Rabotnov, N. P. Krylova. *Vest. sel'khoz. nauki* 10 no. 3 50-55 Mr '65.

Effect of phosphorus and potassium deficiency on nucleic acid metabolism in various flavo-organs. R. M. Pandel. *Uzb. biol. zhur.* 10 no. 1 35-38 '66

Nature of the effect of potassium and chlorine on nitrogen metabolism in plants. G. V. Udov'enko, I. F. Min'ko. *Fiziol. rast.* 13 no. 2 236-243 Mr-Ap '66

PLANTS, EFFECT OF RADIATION ON

Cytophysiological characteristics of the irradiated pollen of an apple tree and its fertilizing capacity. I. V. Driagina. *Nauch. dokl. vys. shkoly. biol. nauki* no. 2 99-103 '65

Irradiation of fruit trees. I. V. Driagina. *Vestn. Mosk. un. Ser. 6 Biol. pochv.* 21 no. 1 46-60 Ja-F '66.

Ol'khov, O. A. [Atoms and the life of plants] *Atomy i zhizn'* Izdatent. Moskva, Kotos, 1965. 78 p.

Repressive action of ionizing radiation in small doses on vegetating plants. P. P. Vavilov and others. *Radio-biologiya* 6 no. 2 270-283 '66.

PLANTS, EFFECT OF SALTS ON

Effect of high concentrations of NaCl on potassium and sodium uptake and distribution in pumpkin plants under conditions of isolated nutrition. V. A. Solov'ev. *Fiziol. rast.* 13 no. 2 320-326 Mr-Ap '66.

Effect of salt solutions of various concentration on the germination of safsail and saltwort seeds. I. I. Laly-menko. *Lv. AN Turk SSR. Ser. Sci. biol. nauk* no. 1 19-27 '66

PLANTS, EFFECT OF SOIL MOISTURE ON

Effect of growing soil moisture deficiency on the concentration and osmotic pressure of cell sap in the oat. V. M. Tsiarenko, L. R. Emel'yanau. *Vestn. AN BSSR. Ser. biol. nauk* no. 1 35-38 '66

Effect of the conditions of soil moisture on the process of the formation of pea crops. I. S. Suleimenov, Z. D. Dusenbekov. *Vest. sel'khoz. nauk [Kazakh]* 8 no. 3 103-106 Mr '66

Resistance of grain crops to excessive moisture. I. A. Stefanovskii. *Vest. sel'khoz. nauki* 10 no. 3 58-60 Mr '65.

PLANTS, EFFECT OF SOLAR RADIATION ON

Solar radiation and the thermal balance of a tree. N. N. Vygodskaya. *Dokl. AN SSSR* 167 no. 4 940-943 Ap '66.

PLANTS, EFFECT OF TEMPERATURE ON

Aftereffects of lower temperature in the uptake of ^{14}C into the cellulose of cotton leaves. L. M. Makhmadbekova. *Dokl. AN Tadzh SSR* 9 no. 2 34-36 '66

Effect of frost on the activity of enzymes of carbohydrate complex in plants. T. A. Barskaya, G. A. Vichurina. *Nauch. dokl. vys. shkoly. biol. nauki* no. 2 153-155 '66.

Effect of temperature during the grain formation period on the productivity of summer wheat. Z. F. Liapshina. *Fiziol. rast.* 13 no. 2 321-331 Mr-Ap '66.

Increase in thermoresistance of urceae in thermal treatment of leaves. N. L. Feldman. *Dokl. AN SSSR* 167 no. 4 946-949 Ap '66.

PLANTS, EFFECT OF TRACE ELEMENTS ON

Effect of trace elements on the accumulation of glutathione in wheat in Azerbaijan. S. M. Nazarov. *Trudy VNIIZ* no. 5 117-118 '64

PLANTS, EFFECT OF WATER ON

Effect of temperature on the killing of water crops by accumulated water. N. I. Antipov. *Fiziol. rast.* 13 no. 2 112-119 Mr-Ap '66

PLANTS, EFFECT OF ZINC ON

Effect of the depth of underground water in a peat soil on the growth, yield, and chemical composition of corn. V. M. Tsiarenko, V. D. Babitskiy. *Vestn. AN BSSR. Ser. biol. nauk* no. 1 39-43 '65

PLANTS, FLOWERING OF

Multiple flowering of fruit plants in the light of the theory of the phasic development of plants. V. I. Vitkovskii. *Vest. sel'khoz. nauki* 10 no. 1 90-105 Mr '65.

PLANTS, ORNAMENTAL see subdivision under Kirtish Islands; Sakhalin

PLANTS, PROTECTION OF

(see also subdivision under Kolomna District; Moscow Province, Ramenskoye District, Solnechnogorsk District; White Russia)

Brief reports. A. Pchelova and others. *Zashch. rast.* 11 no. 2 51-55 '66.

Chemicals for plant protection based on compounds obtained from eco-chemical raw material. N. S. Tsvayev, F. G. Novikov. *Khim. v sel'. khoz.* no. 4 23-30 Ap '66.

Protection of seed clover. N. Karavianskii. *Zashch. rast.* 11 no. 2 35-38 '66.

PLANTS, PROTECTION OF--RESEARCH

Graduate students of the All-Union Institute of Plant Protection, E. Ramanina. *Zashch. rast.* 11 no. 1 54 '66.

PLANTS, SEX IN

Complex interrelationship between genotype, cytoplasm, and environmental factors in the formation of male sterility in corn. V. P. Zholobova, A. M. Paltava. *Vestn. AN BSSR. Ser. biol. nauk* no. 1 14-51 '66.

Sexual dimorphism in *Salix mukorewii* of the Central Urals. G. S. Vorob'ev. *Nauch. dokl. vys. shkoly. biol. nauki* no. 2 110-121 '66

PLANTS, SPACE ARRANGEMENT OF

Effect of density on the growth and selection of beet roots in the oak forest. V. G. Yudin. [Sbornik] *VNIIZ* no. 4 95-101 '64.

Effect of the density of the crop stand on the yield of corn in the piedmont zone of the Chuvash Valley. I. A. Zhdanov. *Blut. KirgNIIZ* no. 5 13-17 '60.

Inter- and intraspecific relations of trees in spruce forest plantings. I. I. Yevlisko. [Sbornik] *VNIIZ* no. 4 75-77 '63.

Tree shelter belts in large groups widely spaced. S. A. Adinova. [Sbornik] *VNIIZ* no. 4 77-80 '63.

Wide-row planting on green fallow. M. I. Tsvetkov. *V. M. Ivanova. Zemledelie* 26 no. 11 57-61 N '64.

PLANTS, SUGARS IN

Redistribution of free sugars in plants following gamma irradiation. D. K. Uzun, V. I. Tokarskaya. *Radio-biologiya* 6 no. 2 292-293 '66.

PLANTS, WATER IN

Effect of dehydration on oxidative deamination of glutathione acid- N^{15} in *Vicia faba* leaves. T. P. Zholobova, V. V. Zholobovich. *Fiziol. rast.* 13 no. 2 290-295 Mr-Ap '66.

Effect of the disturbance of water balance in overfertilizing leaf tissue on the intensity of photosynthesis in sugar beet plants. V. V. Tsvetkov, V. P. Blatuk. A. S. Olanenko. *Fiziol. rast.* 13 no. 2 330-344 Mr-Ap '66.

PLASMA (IONIZED GASES)

Channel instability in a nonequilibrium plasma. Yu. N. Dnestrovskii, D. P. Kostomarov. *Dokl. AN SSSR* 167 no. 5 1032-1034 Ap '66.

Collective losses in anisotropic crystals. Yu. A. Romanov. *Izv. vys. ucheb. zav., radiofiz.* 8 no. 6 1203-1212 '65.

Complex Doppler effect in a plasma. A. E. Baranova. *Izv. vys. ucheb. zav., radiofiz.* 8 no. 6 1110-1116 '65

Effect of a helical magnetic field on the ohmic heating of a plasma in a C-1 unit. P. I. Blinov and others. *Atom. energ.* 20 no. 4 310-315 Ap '66.

Effect of the magnetic field configuration on the heating of a plasma and its confinement in a magnetic mirror machine. P. I. Blinov and others. *Pis'ma v red. zh. eksp. i teoret. fiz.* 3 no. 6 255-258 Mr '66.

Electromagnetic waves directed by a dielectric layer in a plasma. N. S. Orlova. *Izv. vys. ucheb. zav., radiofiz.* 8 no. 6 1240-1248 '65.

PLASMA (IONIZED GASES) (Continued)

Gas-electric cutting of aluminum alloys in a mixture of argon with ammonia. A. A. Filipenko, V. A. Gubentov, F. A. Likhodet, *Sov. fiz. plazm.*, no. 2, 31-33 F '66.

High-frequency instability of a plasma situated in a radial electric field and a longitudinal magnetic field. A. B. Mikhlin, *Phys. Usp.*, no. 1, 25-26 M '66.

Instability of a plasma beam in an inhomogeneous medium. V. I. Lidsman, *Izv. vuz. ucheb. zav. radiofiz.*, no. 9, 11-15 '66.

Kinetic theory of reflection of electromagnetic waves by a moving plasma. V. I. Moshynskiy, *Ukr. fiz. zhur.*, no. 1, 151-153 Ap '66.

Mixing of the electron temperature in a helium plasma by the spectral line intensity ratio. O. V. Kozak, N. A. Mikhalevskiy, I. L. Pasichnyi, *Dokl. fiz. zhur.*, no. 3, 241-252 M '66.

Passage of a fast charged particle through a slightly turbulent magnetoplasma. T. L. Lavdzhik, N. I. Shitsadze, *Sov. AN Gruz. SSR. Izv. no. 2*, 309-313 F '66.

Resonances of fluctuating radiation from a plasma cylinder. I. P. Iakimenko, *Izv. vuz. ucheb. zav. radiofiz.*, no. 9, 133-30 '66.

Self-focusing of electromagnetic waves in a plasma located in a high magnetic field. A. G. Litvak, *Izv. vuz. ucheb. zav. radiofiz.*, no. 6, 1115-1151 '65.

Some characteristics of electrodynamics of radiation in anisotropic media with some dispersion. V. P. Alekshin, V. I. Pakhomov, K. N. Stepanov, *Izv. vuz. ucheb. zav. radiofiz.*, no. 6, 1175-1177 '65.

Temperature, electron concentration and electric conductivity of a condensed air column. D. I. Vinogradov, V. M. Gaidar, *Sov. fiz. plazm.*, no. 5, 3-4 M '66.

Tensor of the effective dielectric constant of a highly inhomogeneous anisotropic medium. I. A. Ryzhov, *Izv. vuz. ucheb. zav. radiofiz.*, no. 1, 39-40 '66.

Two different regions of the operation of a plasma source. S. N. Popov, *Phys. Usp.*, no. 1, 275-279 Ap '66.

Use of a laser operating at peak capacity to produce a high-temperature plasma. M. P. Vankov, and others, *Phys. Usp.*, no. 1, 275-279 Ap '66.

Vibrational expansion of a plasma in the method of collective variables. I. R. Ukhovskiy, A. O. Nekrat, *Ukr. fiz. zhur.*, no. 4, 969-971 Ap '65.

PLASMA (IONIZED GASES)—ANALYSIS

Problem of superhigh-frequency analysis of a planar-laminar plasma. B. A. Vlasov, *Dokl. AN SSSR*, no. 1, 156-158 M '66.

PLASMA (IONIZED GASES)—ELECTRIC PROPERTIES

Electric field of a plasma behind a strong shock wave. V. D. Borzhan, *Atom. energ.*, no. 1, 338-350 Ap '66.

PLASMA JETS

Plasma and the engine. M. Arkhipov, *Voen. zhur.*, no. 5, 36-37 My '66.

PLASMA OSCILLATIONS

Dispersion and absorption of high-frequency ionospheric plasma waves. V. M. Glagolev, *Atom. energ.*, no. 1, 118 Ap '66.

Excitation and the realization of plasma oscillations in a resonator. P. I. Barchenko and others, *Phys. Usp.*, no. 1, 243-247 M '66.

Excitation of low-frequency waves in a semiconductor plasma situated in constant electric and magnetic fields. S. I. Khankina, V. M. Iakovenko, *Izv. vuz. ucheb. zav. radiofiz.*, no. 1, 207-209 '66.

Interaction of plasma and spin waves in ferromagnetic semiconductors and metals. V. G. Bar'khatov, M. A. Savchenko, K. N. Stepanov, *Zhur. eksp. i teor. fiz.*, no. 3, 576-588 M '66.

PLASMA ROCKETS

Plasma works in space. M. Arkhipov, *Sov. voen.*, no. 17, 30 S '66.

PLASTER CASTS, SURGICAL

Problem of "impulse transmission" used in patients with plaster immobilization of an extremity. Z. M. Atanov, *Vop. kur., fizioter. i lech. fiz. kul't.*, no. 1, 70-74 '66.

PLASTIC BEARINGS

Changes in the structure of iron during work in contact with polymers. G. A. Gorobovskiy, I. I. Agulov, *Fiz.-khim. mekh. mat.*, no. 2, 1105-110 '66.

Metal-fluoroplastic material for bearings. A. A. Kokorev and others, *Mashinostroitel'*, no. 5, 11-16 M '66.

Self-lubricating polymer materials in antifriction bearings. V. E. Vainshteyn, G. I. Troianovskaya, *Mashinostroitel'*, no. 5, 18-20 M '66.

PLASTIC FILMS

Conservation of articles by polymer materials. T. N. Malina, A. A. Kostukovskaya, *Mashinostroitel'*, no. 6, 37-38 My '66.

Film materials with a base of polyvinyl chloride and rubber. I. U. Mishustin and others, *Nauch.-issled. trudy VNIIPK*, no. 15, 80-85 '61.

Film materials without backing and materials with paper backing based on polyvinyl chloride for wall facing in dwellings and industrial buildings. K. M. Skladova and others, *Nauch.-issled. trudy VNIIPK*, no. 15, 86-90 '64.

Metal inclusion in polymers by rolling in a molten state. A. A. Ivilov, T. A. Kuznetsova, I. A. Ostrikov, *Nauch.-issled. trudy VNIIPK*, no. 15, 95-99 '64.

New types of mirror-finish coatings. S. K. Rudina, G. I. Baglinskiy, *Lekh. i med. fiz. khim.*, no. 1, 52-51 Ap '66.

Protective and decorative polymer coatings. V. I. Zolotarev, A. S. Malovskiy, V. I. Kaplan, *Mashinostroitel'*, no. 5, 12-13 M '66.

PLASTIC FILMS—SPECTRA

Study of oriented polyethylene terephthalate films by means of nuclear magnetic resonance. L. G. Fadzilov, I. A. Gurbanov, *Zhur. strukt. khim.*, no. 1, 51-59 Ja '61.

PLASTIC FILMS—TESTING

Effect of the catalyst of polyvinyl alcohol acetylation on the properties of polychloroprene - polyvinyl formal films. V. S. Georgieva and others, *Nauch.-issled. trudy VNIIPK*, no. 15, 69-73 '64.

Effect of the conditions of gelation on the mechanical properties of polyvinyl chloride films. V. V. Abramova, *Nauch.-issled. trudy VNIIPK*, no. 15, 24-24 '64.

Effect of the thickness of a polycaprolactam coating on its wear resistance. G. Kravets, *Avt. transp. [Kiev]*, no. 2, 51-59 '66.

Tensile strength testing of oriented polyethylene terephthalate films. G. V. Sagalov and others, *Plast. massy*, no. 1, 56-57 '66.

PLASTIC FILMS—THERMAL PROPERTIES

Photometric express method of determining the heat resistance of film materials. E. S. Khoroshala, K. D. Korol'kova, L. V. Myshlakov, *Nauch.-issled. trudy VNIIPK*, no. 15, 121-121 '64.

PLASTIC FOAMS

Use of foam heat insulation materials in construction work. T. S. Ginzburg, A. I. Pechkovich, S. M. Aleinikov, *Eng. strukt.*, no. 16, 74-76 '61.

PLASTIC FOAMS—TESTING

Studying the effect of technological factors on the basic physicochemical properties of elastic polyurethane plastic foams. Report No. 1, V. A. Sidorov and others, *Nauch.-issled. trudy VNIIPK*, no. 15, 41-52 '61.

PLASTIC PIPE see Pipe, Plastic

PLASTIC SPRAYING

Applying polymer coatings on the internal surface of pipes. I. M. Kubitshala, K. K. Polakova, *Mashinostroitel'*, no. 5, 31-34 M '66.

Polymer coating of sliding bearings. V. A. Belyi, O. R. Urkevich, *Mashinostroitel'*, no. 4, 33 Ap '65.

PLASTIC SURGERY see Surgery, Plastic

PLASTIC TOOLS

Plastic tools. (Dies with plastic elements) Shlampsy s plastinovymi elementami. [Kulbyshv] Kulbyshvskoe knizhnoe izd-vo, 1965. 153 p.

PLASTICITY

Effect of the macrostructure on the mechanical characteristics of laminar plastics. H. I. Dybenko and others, *Dop. AN URSS*, no. 3, 336-339 '65.

Integration of equations describing the laminar flow of ideally plastic bodies. B. A. Trufanov, *Dokl. AN SSSR*, no. 1, 1023-1021 Ap '66.

Large deflections of an annular plate under a transverse load. A. P. Matynov, *Trudy SIMSKH*, no. 3, 2-32-34 '64.

Nonmetallic inclusions in 08Kh20Ni10Mo6 steel heats with various degrees of hot-rolling plasticity. M. I. Vinogradov and others, *Stal'*, no. 4, 355-356 Ap '66.

Plasticity theory taking into consideration the Bauschinger effect and influence of the mean normal stress on the yield limit. I. I. Kadashevich, *Trudy LTITSB*, no. 18, 234-236 '65.

Studying the plasticity of certain austenitic steels at high rates of stress application. I. N. Bogachev, M. A. Filipov, B. A. Potekhin, *Fiz. mek. i metall.*, no. 2, 1-3 '66.

Theory of a combined loading. I. I. Kadashevich, *Trudy LTITSB*, no. 18, 232-233 '65.

PLASTICIZATION

Effect of branched structures of the physical and mechanical properties of natural rubber vulcanizates. A. V. Igumnova, B. A. Dogadkin, V. N. Kulevnev, *Koli zhur.*, no. 2, 229-233 M '66.

PLASTICIZERS

Effect of destruction rate and of some plasticizers on the physical and chemical properties of the product of isobutylene destruction. P. D. Dushakovskiy, I. G. Iosava, T. M. Amel'dova, *Trudy i izv. Vuz. AN Gruz. SSR*, no. 17, 174-179 '61.

New rapid method of determining the viscosity of various plasticizers. E. S. Khochina, R. D. Gordonova, N. S. Antulina, *Nauch.-issled. trudy VNIIPK*, no. 15, 125-127 '61.

PLASTICS

Enal'ov, V. D., and B. G. Zadontsev, [Polystyrene plastics] *Polistirolye plastiki*, Kiev, Tekhnika, 1966. 164 p.

Extraordinary honeycomb. V. Mikhalev, *NIO*, no. 4, 59-61 Ap '66.

Hygienic inserts for shoes. I. I. Lukhanov and others, *Nauch.-obshch. prom.*, no. 3, 28-32 M '66.

In replaceable substitutes. I. U. Chernyshev, *Voen. znaniya*, no. 5, 36-37 My '66.

Kolesnikov, V. A., [Handbook on the technology of metals for professional technical schools] *Posobie po tekhnologii metallov dlya professional'no-tekhnicheskikh uchilishch*, Fizmatgiz, Respubl. uchebno-metodicheskii kabinet, 1963. 83 p.

Molded parts from nylon cord fibers of worn-out tires. Report No. 2, I. I. Tugov, S. N. M'lin, V. M. Rogov, *Nauch.-issled. trudy VNIIPK*, no. 15, 127-130 '64.

New materials for industrial equipment. N. Manukian, *Phys. Usp.*, no. 9, 1-6-11 Ja '66.

Testing of plastic film receptacles in one-time collection of gum in turpentine. I. P. Borisov, *Gidrofiz. i lesokhim. prom.*, no. 3, 22-23 '65.

That is real. T. Gerasimovskiy, *NIO*, no. 4, 61 Ap '66.

PLASTICS—MOLDING

Equipment for die-casting of plastics. V. K. Zavgorodnii, *Mashinostroitel'*, no. 5, 27-33 My '66.

Installation for the molding of plastics. I. N. Chertkov, *Shkola i prom.*, no. 4, 60-62 Ap '66.

PLASTICS—RESEARCH see Subdivision under Uzbekistan

PLASTICS—TESTING

Studying the mechanical properties of ethyl cellulose plastics. D. I. Gal'perin, S. I. Khamzin, E. S. Stepanov, *Plast. massy*, no. 1, 11-43 '66.

Use of piezoelectric transducer in determining the dynamic modulus of longitudinal elasticity in plastics using the resonance method. I. U. Leksashev, *Zav. lab.*, no. 3, 759-760 '65.

PLASTICS—WELDING

Ovchinnikov, A. P., [Welding and gluing of plastics] *Svarka i sklevyvanie plastmass*, [Kulbyshv] Kulbyshvskoe knizhnoe izd-vo, 1965. 49 p. (Pererabotka plastmass)

PLASTICS IN AGRICULTURE

Research in the field of the manufacture of polyamide films and their use in agriculture. G. M. Trosman and others, *Nauch.-issled. trudy VNIIPK*, no. 15, 62-64 '64.

PLASTICS IN BUILDING

Problems of the economic efficiency of the use of polymeric sealing materials. L. Chausova, *Inform. buil. VDNKh*, no. 3, 21-22 M '66.

PLASTICS IN FISHERIES

Larionov, V. V., [Use of plastics in the fishing industry] *Primenenie plastmass v rybnol. promyshlennosti*, Moskva, Pishchevala promyshlennosti, 1965. 290 p.

PLASTICS IN MEDICINE

Plastic bandages for fixing electrodes. V. S. Svarichevskiy, *Vop. kur., fizioter. i lech. fiz. kul't.*, no. 1, 83 '66.

PLASTICS IN SHIPBUILDING

Contribution of scientists to the program of the chemicalization of shipbuilding. A. I. Moiseev, *Sudostroenie*, no. 6, 77-78 Je '64.

Function and wear of plastics in seawater. V. I. Dzen', *Sudostroenie*, no. 6, 43-45 Je '61.

Use of synthetic materials in building and repairing ships. N. Sokol, *Rech. transp.*, no. 3, 25-26 M '64.

PLASTICS IN SHIPBUILDING—EXHIBITIONS

Materials on the exhibition "Synthetic materials in shipbuilding." E. K. Shvedov, *Sudostroenie*, no. 6, 57-59 Je '64.

PLASTICS IN SURGERY

SBV-14 film for the preoperative preparation of the skin, closing of postoperative wounds, and protection of the skin around fistulas. G. S. Lipovetskiy and others, *Khirurgiya*, no. 4, 132-134 Ap '66.

PLASTICS IN THE AUTOMOBILE INDUSTRY

- Plastics in the manufacture of automobiles. G. A. Malyshev, V. N. Ezerishin. Mashinostroitel' no. 5:8-9 My '66.
- Using acrylic-epoxy mastics in repairing motor vehicles. E. I. Kapkova, L. A. Kirilova. Avi transport [Kiev] no. 2 42-46 '66.
- Using thin polymer coatings in reconditioning steam joints in repairing motor vehicles. M. I. Podshechekoldin, V. A. Shanduba. Avi transport [Kiev] no. 2 60-63 '66.

PLASTICS IN THE FURNITURE INDUSTRY

- Experience in the manufacture of fittings in the "Vilspark". Combine T. V. Popova. Der prom. 15 no. 4 25 to '66.

PLASTICS IN THE MACHINERY INDUSTRY

- Economic evaluation of the possibilities of using glass-reinforced plastics in the manufacture of machines. L. I. Koshkin. Mashinostroitel' no. 5 40-42 My '66.
- Green light to polymers in turbine manufacture. V. I. Solov'ev, Mashinostroitel' no. 5 11-12 My '66.
- Losev, B. I., G. V. Putintsev, and K. N. Strel'tsov. [Processing and finishing of parts made from plastics]. Otkrytoe i otkrytoye delatel' iz plastmass. [Leningrad] Lenizdat, 1966. 231 p.

- Plastic collectors for electric motors. K. A. Arutun, Mashinostroitel' no. 5 21-22 My '66.

- Plastics in sliding friction units of machines and mechanisms. Sh. V. Bilik. Vest mashinost. 46 no. 4 34-38 Ap '66.

- Plastics in the agricultural machinery industry. V. S. Antoshkevich, T. G. Cherkova. Mashinostroitel' no. 5 10-11 My '66.

- Polymer parts for machine tools. E. A. Maslova, Mashinostroitel' no. 5 6-8 My '66.

- Results of the 1965 competition for the production of plastic machine parts. V. M. Kestic'yan. Mashinostroitel' no. 4 47 Ap '66.

- The third conference on the use of polymers in machinery manufacture. P. S. Palyanski. Mashinostroitel' no. 5 3 My '66.

- Using the ATM-2 material in pneumatic control devices. E. S. Vinogradova, N. L. Shembel', Z. V. Savina. Mashinostroitel' no. 5 20-21 My '66.

PLASTICS INDUSTRY

(see also subdivision under Nizhny Tagil)

- New developments in the processing of plastics. G. V. Sagalav, Mashinostroitel' no. 5 22-26 My '66.
- Piskoppel, F. G. [Plastics, the world capitalist market]. Plastikheskie massy, mirovoi kapitalisticheskiy rynek. Moskva, IMO, 1966. 128 p.

PLASTICS INDUSTRY—EQUIPMENT AND SUPPLIES

- Soviet exhibits at the International Exhibition of "Chemistry in Industry, construction and agriculture." G. O. Taleyev. Plast massy no. 4 72-73 '66.

PLASTICS INDUSTRY—MANAGEMENT

- Organizing the manufacture of plastic articles. A. N. Nikolaev. Mashinostroitel' no. 5 42-44 My '66.

PLASTICS MACHINERY

- Effect of the design of the exterior calibrating devices on the mechanical properties of pipes made from high-density polyethylene. V. N. Rjabchenkov and others. Plast massy no. 4 30-34 '66.

- Equipment for processing polymers should be of high quality and durability. V. F. Rvach. Mashinostroitel' no. 5 34-35 My '66.

- Kol'man-ivanov, E. E., and K. A. Salazkin. [Tableting machines]. Tabletochnye mashiny. Moskva, Mashinostroenie, 1966. 223 p.

PLASTOV, ARKADII ALEKSANDROVICH, 1893-

- People of the new villages. A. Anokhina. Iskusstvo 29 no. 3:23-30 '65.

PLATE TOWERS

- Comparative evaluation of the indices of the work of industrial AVT vacuum columns. A. K. Manovlan and others. Khim. i tekhn. topl. i masel 10 no. 4:43-47 Ap '65.

- Increasing the effectiveness of phenol towers. M. Z. Maksimenko and others. Nefteper. i neftekhim. no. 10: 40-42 '65.

PLATE TOWERS—TESTING

- Efficiency of bubble plates with cross motion of phases in the rectification of binary mixtures. I. U. K. Molokanov, B. S. Sverchnitskiy. Khim. i tekhn. topl. i masel 11 no. 3:44-48 Mb '66.

PLATINUM BROMIDES

- Mechanism of electrochemical reactions in the system $PbBr_2/PbBr_2$ on a platinum electrode. V. I. Kravtsov, B. V. Simakov. Elektrokhemija 2 no. 4 406-412 Ap '66.

PLATINUM CATALYSTS

- Effect of sulfur on the activity of a platinum catalyst in the process of isomerization of n-pentane. N. R. Buzanin, N. F. Voloduhin. Zhur. prikl. khim. 39 no. 1 65-66 Mb '65.

- Hydrogenation of acetylene on a platinum catalyst. M. A. Karaybekov. Trudy AZVI 13:205-206 '61.

PLATINUM COMPOUNDS

- Calculation of the electronic structure of diamond-square complexes of Pt (II), B. F. Kovalevskiy. Trudy i eksp. khim. 2 no. 1 106-109 '66.

- Oxidation of ethylenediamine in the inner sphere of tetraivalent platinum. I. U. N. Kukushkin, I. U. S. Varshavskiy. Zhur. neorg. khim. 11 no. 2 356-362 F '66.

- Reaction of platinum trans-diammine dichloride, platinum trans-diammine dibromide with potassium nitrite. A. V. Babayeva, R. I. Rudyi. Zhur. neorg. khim. 11 no. 2 351-355 F '66.

- Synthesis of chlorotrimine complexes of platinum. M. I. L'vov. Dokl. AN SSSR 167 no. 4 819-822 Ap '66.

PLATINUM METAL COMPOUNDS

- Spectrophotometric study of palladium, platinum, rhodium, and iridium compounds with 2-mercaptobenzimidazole. Determination of rhodium in the presence of iridium. L. N. Lomakina, P. A. Alimarin. Vest Mosk. un. Ser. 2 khim. 21 no. 1 79-83 Ja-F '66.

PLATINUM METALS

- Catalytic activity of platinum group metals in the decomposition of hydrogen peroxide. N. I. Stoganova and others. Zhur. fiz. khim. 40 no. 2 475-477 F '66.

PLATINUM METALS—ANALYSIS

- Electrochemical study of the possibility of using Sn (II) solutions for the determination of Ir (IV) and Ru (IV). N. I. Stenina, P. K. Agaslan, E. S. Lompeko. Vest Mosk. un. Ser. 2 Khim. 21 no. 1 81-93 Ja-F '66.

PLATINUM PLATING

- Production of nonporous galvanic deposits of platinum in the ultrasonic field. T. I. Kuvshinov, L. A. Kukoz. Zhur. prikl. khim. 39 no. 3 705-707 Mb '66.

PLATONOV, NIKOLAI ALEKSEEVICH, 1903-1965

- N. A. Platonov; obituary. I. Novikov and others. Elek. sta. 36 no. 7 87 Ji '65.

PLATYHELMINTHES—HOST ANIMALS

- Ants as intermediate and obligate additional host animals of some parasite flatworms (Trematoda and Cestoda). P. K. Svadzhian, L. V. Frolova. Zool. zhur. 45 no. 2: 213-219 '66.

PLATYPHYLLINE

- Pharmacognostic study of *Nardosmia laevigata*. V. I. Il'yin, T. I. Tkachenko. Farmatsevt. zhur. 20 no. 2, 70-71 '65.

PLAYGROUNDS

- Rezantsev, S. N. [Organizing extracurricular work with children on house lots]. Organizatsiya raboty s det'mi v shkoly na pridomovykh uchastkakh. Moskva, Stroiizdat, 1965. 47 p. illus.

PLETHYSMOGRAPHY

- Functional changes in the vascular system in patients with cancer of the gastrointestinal tract. T. N. Zuevmanov. Kiburgia 42 no. 4 108-113 Ap '66.

- Measurement of the degree of specific electric resistance in a functioning lung in man and dogs. B. I. Mazhbleh, Bul. eksp. biol. i med. 61 no. 2 120-123 F '66.

PLEURA—CANCER

- Malignant primary mesothelioma of the pleura. G. S. Paleshnikov. Sov. med. 29 no. 4:123-125 Ap '66.

PLEURA—INNERVATION

- Conditioned reflexes from the parietal and visceral pleura to the cardiovascular system in normal and irradiated animals. T. I. Bachurina. Radiobiologiya 6 no. 2:232-236 '66.

PLEUROPNEUMONIA-LIKE ORGANISMS

- Pathogenicity of L-form bacteria and the Mycoplasma family and their role in infectious pathology. Report No. 1. Experimental study of the pathogenicity of L-form bacteria. V. D. Timakov, G. A. Kagan. Zhur. mikrobiol., epid. i immunit. 43 no. 3:3-8 Mr '66.

PLIEKSANS, JANIS, 1865-1920

- [Encounters with Rainis]. Tiksanas ar Raini, Riga, Liesma, 1955. 283 p. [In Latvian].

- Hausmanis, Viktors. [Rainis and the theater]. Rainis un teatris, Riga, Liesma, 1965. 235 p. illus. [In Latvian].

PLOWING

- Effect of slit furrowing on the dynamics of soil moisture. V. P. Volkov. Pochovedenie no. 4:41-49 Ap '66.
- Studying the deformation of soil at increased moisture. I. Z. Naglov. Uch. zap. AZVKh. no. 1:91-95 '61.

PLOWS—MAINTENANCE AND REPAIR

- Increasing the durability of plowshares. M. P. V. V. Trudy sel'sk. khoz. inzh. 3 no. 3:81-82 '65.

PLOWS—TESTING

- Computing depth meter for the purposes of establishing standards of production. A. K. Kiyosheina, I. V. Kiyosheina. Uch. zap. Mosk. gos. un. no. 15 37-43 '61.

PLUM—DISEASES AND PESTS (see subdivision under Moldavia)

PLUMB-LINE DEFLECTIONS

- Amplitudes and phases of the M_2 and O_1 waves in the tidal oscillation of the plumb line according to the results of observations of time services in Pulkovo, Greenwich, and Tokyo. V. S. Gubanov. Astron. zhur. 13 no. 2 141-152 Mr-Apr '66.

- Plumb-line deflections on the topographic surface of the earth. I. F. Maslin. Dop. AN URSS no. 2 15-19 '61.

PLUMBING

- Efficient engineering systems for the construction of thawing grounds. G. F. Shalaginov, A. D. Zhurav. Vest Mosk. un. Ser. 2 no. 5:7-10 My '65.

PLUTONIUM—ANALYSIS

- Akademiya nauk SSSR. Institut geokhimii i analiticheskoi khimii. [Analytical chemistry of plutonium]. Analiticheskaya khimiya plutoniya [By] M. S. Milukova et al. Moskva, Nauka, 1965. 453 p. (Series: "Analiticheskaya khimiya elementov").

- Reaction of tetravalent plutonium with xyleneol orange. M. S. Milukova, A. A. Namoduk, Zhur. anal. khim. 21 no. 3:208-201 '66.

PLUTONIUM ISOTOPES—PHYSIOLOGICAL EFFECTS

- Effect of plutonium 239 on free ribonucleotide metabolism in the liver of rabbits. I. A. Tsvetkova, H. I. I. Radiobiologiya 6 no. 2:219-223 '66.

PLYWOOD INDUSTRY

- Alkali lignin as substitute for phenol raw materials in the condensation of phenol-formaldehyde resins for plywood bonding. A. D. Ivanenko and others. Izv. vuzov 15 no. 4:9-10 Ap '66.

PNEUMATIC CONVEYING

- Characteristics of cyclone units in pneumatic conveying in shops manufacturing wood-particle boards and possibilities of improving their performance. I. F. A. Der. prom. 15 no. 4 26-27 Ap '66.

- Method for protecting pulverized coal conduits from abrasive wear. I. Sh. Burda, I. G. Okunev, Izv. vuzov 14 no. 1:19-20 Ap '64.

- Motion of free-flowing materials in horizontal vibratory pneumatic conveying. B. F. Zhigolev. Izv. vuzov 15 no. 2 119-123 '66.

- Piping for the conveying of woodpulp and paper sludge. V. E. Amolin, G. B. Galinov. Trudy LITSEI no. 10 56-59 '65.

- Studying the operation of screw feeders of aerated conveying installations. A. A. Malla, M. G. Kharin. Trudy VNIIZ no. 53:3-34 '64.

PNEUMATIC-TUBE TRANSPORTATION

- Determining the speed of grain in a pipeline by the method of radioactive indicators. E. S. Putsikovskiy and others. Trudy VNIIZ no. 53:3-31 '64.

PNEUMOCOCCAL INFECTIONS

- Effect of reserpine on the course and outcome of typhoid intoxication in rabbits and pneumococcal infection in rats. Z. A. Popenonkova. Pat. fiziol. i eksp. terap. 10 no. 1:11-12 Ja-F '66.

- Effect of the indopan monoamine oxidase inhibitor on experimental pneumococcal infection in rats. Z. A. Popenonkova, T. V. Guseva. Bul. eksp. biol. i med. 61 no. 2:36-39 F '66.

PNEUMONIA

- Clinical aspects of pneumonias in parainfluenza diseases in adults. L. D. Kniazova and others. Sov. med. 29 no. 4:21-30 Ap '66.

- Content of plasma fibrinogen and C-reactive protein of the blood serum in patients with acute and chronic pneumonias. I. F. Rabinin. Sov. med. 29 no. 1:126-127 Ja-F '66.

- Effect of antibiotics and sulfanilamide preparations on absorption and restoration processes in acute and chronic pneumonias. I. T. Trofimov. Uch. zap. AZV 30:56-63 '64.

- Effect of trace elements (cobalt and copper) on the metabolism and clinical picture of sheep with pneumonia. A. E. Dymko. Trudy AZVI 13:137-142 '64.

PNEUMONIA (Continued)

Pathological anatomy of Friedlander's pneumonia in rhesus monkeys. M. T. Ivanov, Aikh. pat. 28 no. 2 76-78 '60.

Role of *P. otoshingylus* infestation of sheep lungs in the development of secondary (infectious) pneumonia. U. Iginanov. Vest. sel'khoz. nauk [Kazakh] 9 no. 3 68-71 Mr '66.

Searching for rational doses and rates of using biellin 1 for lambs. O. Sh. Balturina. Trudy AZVI 13:122-123 '64.

PODKAMENNAYA TUNGUSKA VALLEY—GEOLOGY, STRATIGRAPHY

Stratigraphy of the Lower Ordovician in the Podkamennaya Tunguska basin. E. P. Markov. Geol. i geofiz. no. 1 105-108 '66.

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

Problems on the fall of the Tunguska meteorite. V. G. Fesenkov. Astron. zhur. 43 no. 2:241-265 Mr-Apr '66.

PODOLIA—PEASANT UPRISINGS

Peasant uprisings in podolia in September and October 1917. N. I. Myronov. Ukr. ist. zhurn. 9 no. 2:72-78 F '65.

PODOL'SK (MOSCOW PROVINCE)—BOILERMAKING INDUSTRY

Manufacturing tubular walls of heating surfaces of boiler units. L. M. Godzheva, M. R. Nikolaenko. Biol. tekhn. i ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no. 2:11-12 F '66.

PODOL'SK (MOSCOW PROVINCE)—PANELS (BUILDING)

Surface finishing of keramizit concrete panels. I. Stepanov, S. Karpelkin, L. Kikava. Zhil. i st. of. no. 4:6-7 '65.

PODOL'SK DISTRICT—COOPERATIVE SOCIETIES

In the interest of shareholders. IU. Shuklov. Sov. polit. ekonom. 10 no. 4:31-32 Ap '66.

PODZOL

(see also subdivision under Uron' District)

Air balance of loamy turf-Podzolic soils. A. G. Bondarev. Sber. trudy po agron. fiz. no. 11:167-173 '65.

Change in the properties of turf-Podzolic soils during subsiding. V. A. Chernyshov. Sber. trudy po agron. fiz. no. 11:173-185 '65.

POETRY

Marc about poetry and cybernetics. V. Korzhnov. Vop. lit. 9 no. 11:180-193 N '65.

POGOZEN, NIKOLAI FEDOROVICH, 1900-1962

Questions without an answer. N. Zaitsev. Vop. lit. 9 no. 11:222-224 N '65.

POISON CONTROL CENTERS see subdivision under Ogressa

POKROVSKI, MIKHAIL NIKOLAEVICH, 1886-1932

Problem of correlation between history and the present in M. N. Pokrovskii's works of the Soviet period. A. A. Goryukov. Trudy TGU 17:66-65 '65.

POLAND—AGRICULTURAL MACHINERY

Tractors and agricultural machinery of the Polish People's Republic. A. N. Volda. Trakt. i sel'khoz. mash. no. 5: 41-43 My '66.

POLAND—AUTOMOBILES, MILITARY—MAINTENANCE AND REPAIR

Problems of field repair. Czerw. Nowleki. Tekh. i voorn. no. 10:72-74 O '65.

POLAND—CAPITAL INVESTMENTS

A new procedure for financing and issuing credit for capital investments in the People's Republic of Poland. A. Zvass. Fin. SSSR 40 no. 4:61-65 Ap '66.

Study of the efficiency of technological progress. V. Karavaev. Ekon. stol. 8 no. 5:59-61 My '66.

POLAND—CONCRETE CONSTRUCTION

Study of the efficiency of technological progress. V. Karavaev. Ekon. stol. 8 no. 5:59-61 My '66.

POLAND—FINANCE

A new procedure for financing and issuing credit for capital investments in the People's Republic of Poland. A. Zvass. Fin. SSSR 40 no. 4:61-65 Ap '66.

POLAND—HISTORICAL RESEARCH

A center of historical studies in Lublin. Tadousy Moncel. Sov. slav. no. 3:114-123 '66.

POLAND—HISTORY

The revolutionary movement in the Russian Army and the Polish liberation movement of 1856-1865. V. A. Diklov. Sov. slav. no. 3:16-30 '66.

POLAND—INDUSTRIAL HYGIENE

Industrial hygiene in People's Poland. K. Rudnevskii. Okh. trudy i sots. strakh. 9 no. 5:43-47 My '66.

POLAND—INTELLECTUAL LIFE

Polish diary. IU. IUrovskii. Nov. mir. 42 no. 2 132-137 F '66.

POLAND—LAWYERS

A visit from friends. Biol. Verkh. Suda. no. 3:18-19 '65.

POLAND—PUMPING MACHINERY

Pumps in the Polish People's Republic. Vod. i san. tekhn. no. 5:39 My '65.

POLAND—RELATIONS (GENERAL) WITH RUSSIA

A visit from friends. Biol. Verkh. Suda. no. 3:18-19 '65.

POLAND—STATE FARMS

Development of state farms in Poland. M. Balorek. Ekon. sel'khoz. 41 no. 4:11-11 Ap '66.

POLAND—SYNTHETIC TRAINING DEVICES

Contamination simulators. S. Gawelda, Ju. Bazior. Tekh. i voorn. 24 no. 2:30-31 F '66.

POLAND—TELECOMMUNICATION

Twentieth anniversary of the operation of telecommunication systems in the Polish People's Republic. Liudomir Shaishevovich. Vest. svyazi 26 no. 2:25-28 F '66.

POLAND—THEATER—PRODUCTION AND DIRECTION

A letter to the editor. Georgii Tsvetkov. Teatr. 27 no. 3:64 Mr '66.

POLAND—TRACTORS

Tractors and agricultural machinery of the Polish People's Republic. A. N. Volda. Trakt. i sel'khoz. mash. no. 5: 41-43 My '66.

POLAND—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Mystery of a guerrilla's nickname. E. Mikolajczyk. Mol. kom. no. 2 24-27 '66.

POLARISCOPE

Automatic IPL-451 polarimeter for the study of stresses by photoelastic methods. V. M. Bakmutov and others. Fiz.-tekhn. probl. razrab. i iskop. no. 1 86-101 '66.

POLARIZATION (ELECTRICITY)

Anodic behavior of lead in alkaline solutions. Part I. Measurements at constant density of polarizing current. S. S. Popova, A. V. Fortunatov. Elektrokhim. 2 no. 1 418-150 Ap '66.

Anodic dissolution of manganese and its alloy with nickel in fused alkali metal chlorides. G. N. Kazantsev, I. F. Nishkov, S. P. Raspopin. Elektrokhim. 2 no. 1:505-508 Ap '65.

Applicability of the method of two electrodes for the determination of the type of polarization. N. S. Fedorova, N. M. Kulshova. Zhur. fiz. khim. 40 no. 4:932-954 Ap '66.

Effect of surface-active agents on the kinetics of anodic dissolution of copper involving chemical polarization. N. I. Gusev, O. A. Burmistrova. Zhur. fiz. khim. 40 no. 4:919-942 Ap '66.

Nonconvective concentration polarization under stationary conditions of electrolysis. S. V. Gorbachev, A. P. Kravchinskii. Zhur. fiz. khim. 40 no. 2:492-494 F '66.

Polarization of a solid zinc electrode with respect to a similar liquid reference electrode in fused zinc chloride. N. V. Vlasuk. Ukr. khim. zhur. 32 no. 3: 302-303 '66.

Polarization of semiconductors with allowance for saturation (two-band model). IU. L. Klimontovich, E. V. Pogorelova. Zhur. eksp. i teo. fiz. 50 no. 3:604-612 Mr '66.

POLARIZATION (LIGHT)

Atmospheric polarization of light in the case of dry and moist aerosols. E. V. Plaskovskaya - Fesenkova. Trudy Astrofiz. inst. AN Kazakh. SSR 7:70-84 '66.

Influence of the polarization of light on measuring the limit of visibility in the daytime by a visibility polarization meter. I. A. Savitskii. Trudy NIIGMP no. 13: 37-46 '65.

Study of the peritrophic membrane of some Diptera in polarized light. D. P. Zhuzhikov. Vest. Mosk. un. Ser. O. Biol. i pochv. 21 no. 1:37-41 Ja-F '66.

POLARIZATION (NUCLEAR PHYSICS)

Radiation of polarized electrons at low energy levels in a magnetic field. V. G. Bagrov, O. F. Dorofeev. Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2:197-191 Mr-Apr '66.

POLAROGRAPHY

Analysis of some furcoumarins with the aid of polarography and paper chromatography. IU. IE Orlov, N. P. Dzuba. Farmatsev. zhur. 20 no. 2 36-40 '65.

Determination of lead and copper micromolarities in common salt by means of micropolarography. A. G. Berezina, L. V. Volkova, E. I. Gunko. Zav. lab. 31 no. 6:656-667 '65.

Influence of substituents on the polarographic potentials and electron paramagnetic resonance spectra of aromatic anion radicals. A. I. Brodskii, L. L. Gordienko, L. S. Deglaryev. Zhur. V KHO 11 no. 2 196-202 '66.

Modification of the polarographic method for the determination of oxygen tension in the tissues of the human body. V. A. Berezova. Fiziol. zhur. [UKR.] 10 no. 6 625-648 N-D '64.

Nature of the polarographic wave. V. I. A. Vengerova. Trudy 1-go MMI 17:185-193 '62.

Polarographic determination of ammonia, aminoacetic, and iminodiphenylamide acids. B. P. Zhanalait, N. I. Kobylina. Zav. lab. 31 no. 6 668-672 '65.

Polarographic determination of β -nitrostyrene and phenylacetaldehyde oxime present together. V. M. Chursina, E. F. Litvin, L. Kh. Feildin. Zhur. anal. khim. 21 no. 3:363-369 '66.

Polarographic determination of carbon tetrachloride and hexachlorocyclopentadiene. L. K. Kutanina, K. G. Berezina, Zh. D. Gudzenko. Zav. lab. 32 no. 3 282-284 '66.

Polarographic determination of europium and ytterbium with calcium chloride as the support. S. B. Il'kova, S. M. Gubel'mank. Zav. lab. 31 no. 7 806-807 '65.

Polarographic determination of germanium in ores and concentrates. G. A. Volkova, V. G. Sobcheyanov. Zav. lab. 31 no. 5 541-543 '65.

Polarographic determination of impurities in cyclohexanone. T. S. Ivcher, E. M. Perepletchikova, E. N. Zil'berman. Zhur. prikl. khim. 30 no. 1:227-229 Ja '66.

Polarographic determination of magnesium in duratumin by means of a colorochrome black T. IE. M. Skobels, L. M. Ivashchenko. Dup. AN URSR no. 3 370-372 '66.

Polarographic determination of nitrocyclohexan-2-ol and nitrocyclohexane present together. P. M. Zaitsev, Z. V. Zaitseva. Zav. lab. 32 no. 3 287-288 '65.

Polarographic methods of agrochemical analysis; brief survey. E. M. Skobels. Khim. v sel'khoz. no. 4 80-83 Ap '66.

Polarographic reduction of alkaloids; reduction of codeine. V. I. A. Vengerova. Trudy 1-go MMI 17:179-184 '62.

Polarographic study of aromatic compounds containing an azomethine group. Part II: Salicylanilines. IU. I. Vainshteyn, IU. A. Davydovskaya. Trudy IREA no. 27: 317-324 '65.

Polarographic study of some quaternary ammonium compounds containing ketone and ester groups. A. I. Lopushanskii, A. I. Shumrevich. Zhur. ob. khim. 36 no. 4:605-608 Ap '66.

Polarographic study of moisture in fused chloride electrolytes for the preparation of metallic sodium. K. I. A. Grachev, V. Z. Gribenik. Zhur. prikl. khim. 39 no. 3 522-527 Mr '66.

Pulse-polarographic determination of thallium in metallic indium. B. I. Kaplan, O. A. Shitaleva. Zav. lab. 31 no. 6:658-661 '65.

Reproducibility of bismuth determination on a film electrode by amalgam polarography with storage. A. I. Kamenov, E. N. Vinogradova. Zhur. anal. khim. 21 no. 3:320-322 '66.

Structure of salicylanilines and o-acylsalicylanilines investigated by the polarographic method. B. M. Bolotin and others. Trudy IREA no. 27:283-289 '65.

Use of the polarographic method in the analysis of chemical reagents (survey). IU. I. Vainshteyn, IU. A. Davydovskaya. Trudy IREA no. 27:70-102 '65.

POLESYE—COLLECTIVE FARMS

From the history of the collectivization of agriculture in the districts of the Ukrainian Polesye. S. N. Ioffe. Ukr. ist. zhur. 9 no. 2:94-96 F '65.

POLESYE—DIPTERA

Bloodsucking Diptera (Nematocera) of the left-bank Ukrainian Polesye. A. K. Shevchenko, Med. parazit. i paraz. bol. 35 no. 1:28-32 Ja-F '66.

POLESYE—DRAINAGE

Swampflow conditions in the open drainage network of the Polesye Swamp Experiment Station. N. V. Kushnir. Vest. AN BSSR, Ser. sel'khoz. nav. no. 1:89-94 '66.

POLESYE—GEOCHEMISTRY

Akademii nauk BSSR, Minsk. Laboratoriya geokhimicheskikh problem. [Geochemical characteristics of the lithogenesis and land forms of the White Russian Polesye] Geokhimicheskaya kharakteristika litogeneza i landshaftov Belorusskogo Polos'ia, Pod red. K. I. Lukashcheva, Minsk, Nauka i tekhnika, 1966, 319 p.

Lithochemical characteristics of cover sediments in the Loni-Tena interfluvio. S. D. Makhnach, S. L. Shymaynovich, Vest. AN BSSR, Ser. khim. nav. no. 4:83-91 '65.

POLESYE—MINERALS

Comparative characteristics of the mineral composition of Quaternary sediments in the White Russian Polesye and the Polesye of the USSR. V. I. Mikhlin, Dokl. AN SSSR 1967, 140:1-100, 12, 1967.

POLESYE—WATER, UNDERGROUND

Speed of the underground water exchange of the drainage zone in the boundaries of the western Polesye of the Ukrainian SSR. H. O. Bilias'ki, Geol. zhur. 26 no. 1117-1118 '66.

POLICE

(see also subdivision under Great Britain)

A policeman lives in this house. V. N. Nizov, Mol. tom. 10 no. 100-102, 10, 1967.

POLIO MYELITIS

Encephalitis of treating children with sequelae of spinal poliomyelitis at the P. August Health Resort. E. V. Shukhova, N. M. Fubasova, Vop. kur., fizioter. i lech. fiz. kul't. 30 no. 2:115-116, 11, 1967.

POLIO MYELITIS—COMPLICATIONS AND SEQUELAE

Effectiveness of prolonged health resort treatment of poliomyelitis patients with diffuse paralysis. E. V. Shukhova, N. M. Fubasova, Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 1:53-56, 1967.

POLIO MYELITIS VACCINE

Vaccine immunization against poliomyelitis using live vaccine during an outbreak of measles. E. N. Shukhova and others, Tруды Лен. med. epid. i mikrobiol. 28:416-423, 1965.

POLITICAL PRISONERS see subdivision under Venezuela

POLITICAL SCIENCE

[Russian "enlighteners" (from Radishchev to the Decembrists), collection of works in two volumes] Russkie prosvetiteli (ot Radishcheva do dekabristov); sobraniye proizvedeniy i dvukh tomakh. Moskva, Mysl', 2 v. 1966. (Filosofskoe nasledie)

POLITICAL SCIENCE—TERMINOLOGY

A dictionary of political terms. Agitator 34 no. 9:49, 1967.

POLLEN

Differences in quality of the pollen of upper and lower flowers of the ear in corn inflorescence. I. A. Palamarchuk, Vest. Mosk. un. Ser. 6 Biol., pochv. 21 no. 1:69-72, Jan-F '66.

Effect of complexions on the pollen germination. U. A. Petrochenko, Nauch. dokl. vys. shkoly, biol. nauki no. 2:119-122, 1966.

POLONIUM ISOTOPES—PHYSIOLOGICAL EFFECT

Biological action of polonium 210. I. I. Moskalov, I. K. Petrovich, V. N. Strel'sova, Radiobiologiya 6 no. 2, 185-193, 1966.

POLYAMIDES

Bulges on nylon fibers. IU, Konch, V. Komanitski, Khim. volokn. no. 2:16-40, 1966.

Comparison of experimental and theoretical molecular-weight distribution for poly-ε-caproamide. A. E. Fainerman, V. M. Polinkova, Vysokom. soed. 8 no. 3:419-421, 1966.

Copolymerization of unsaturated polyamides with styrene. O. A. Fedotova and others, Vysokom. soed. 8 no. 3:536-539, 1966.

Effect of starting substances on the synthesis of polyamide acids and their hydrolytic stability. S. A. Zakoshchikov, G. M. Zubareva, G. M. Zolotareva, Plast. massy no. 4:19-21, 1966.

Gas bubbling through viscous fluids (applicable to reactions for the polymerization of ethylene). V. V. Ponomarev, Tруды NIIKHMIMASH no. 46:97-103, 1964.

POLYGLUKIN—PHYSIOLOGICAL EFFECT

Intestinal motility under the effect of polyglukin. A. I. Vorebel, Fiziol. zhur. [Ukr.] 12 no. 2:261-261, 1966.

POLYGNONIUM

(see also subdivision under Soviet Central Asia)

Second seminar on the study of the knotweed Polygnonum coriariu. P. K. Krasnitsnikov, P. D. Sokolov, Radiatsiya 2 no. 1:41, 1966.

POLYMERIZATION

Calculating energy input for mixing during polymerization in the production of synthetic rubber. I. S. Pavlushenko, V. I. Begachev, L. N. Baginski, Tруды NIIKHMIMASH no. 16:62-66, 1964.

Chain transfer termination reaction. N. S. Enkolopian, V. I. Irshat, B. V. Rozenberg, Usp. khim. 35 no. 1:71-74, 1966.

Comparison of the results of determination by various methods of the mean degrees of polymerization and of low molecular fractions of cellulose. M. M. Chochleva, Zhur. prikl. khim. 39 no. 1:80-185, Jan '66.

Copolymerization of rubber, vulcanizates and polyethylene with styrene. A. I. Vasilev, I. A. Tutozki, B. A. Dogadkin, Kauch. rez. 24 no. 3:9-11, 1965.

Copolymerization of vinyl ester of γ-trimethylsilylpropionic acid with vinyl monomers. Z. A. Okladnikova and others, Vysokom. soed. 8 no. 3:499-502, 1966.

Copolymerization of vinylene carbonate in an aqueous medium. O. M. Khimova, V. F. Kazanskaya, Zhur. prikl. khim. 39 no. 2:434-435, 1966.

Effect of pressure on the iodine initiated solid-phase polymerization of trioxane. A. A. Zhurav, M. M. Berlin, N. S. Enkolopian, Dokl. AN SSSR 167 no. 5:1087-1088, Apr '66.

Efficiency of the use of apparatus with agitators as polymerization apparatus under conditions of high-tonnage production. A. V. Kapustin, Tруды NIIKHMIMASH no. 16:12-51, 1964.

Electric conductivity of "living" polymers and the nature of active centers in anion polymerization. A. A. Vest-Tarubovich, A. R. Gantmakher, S. S. Medvedev, Dokl. AN SSSR 167 no. 5:1069-1072, Apr '66.

Experimental study of heat transfer during the motion of viscous fluids in a model tubular polymerization apparatus. O. V. Domanskii, G. N. Vasilev, Tруды NIIKHMIMASH no. 16:52-61, 1964.

Free radical processes in gamma irradiated animal tissue homogenates. Report No. 1. Study of free radical species in irradiated tissue homogenates by the polymerization method. IU, P. Kozlov, S. Utile, B. N. Tarusov, Nauch. dokl. vys. shkoly, biol. nauki no. 2:86-89, 1966.

Graft of vinyl monomers on polyolefin fibers without their prior activation. IU, A. Kmitov, N. L. Solovskaya, Khim. volokn. no. 2:25-28, 1966.

Increasing the resistance to abrasion of staple rayon fabrics by means of graft with polymethacrylic acid. L. I. Tugova and others, Tekst. prom. 26 no. 4:67-69, Apr '66.

Initiation mechanism of polymerization in the presence of the system peroxide - alkyl pyridinium halide in alkaline media. S. N. Tsublitsyna, M. F. Margulova, N. S. Prostakov, Vysokom. soed. 8 no. 3:532-535, 1966.

Intensification of a shock wave by the polymerization energy and the feasibility of a detonation by polymerization. I. M. Bakalov and others, Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 8:309-312, Apr '66.

Kinetics of the migration polymerization of epoxypolypropylenetriethoxysilane in presence of bis-hydroxyethyl carboxylic acid. M. V. Sobolevskii and others, Plast. massy no. 4:19-21, 1966.

Kinetics of the radical polymerization of N-vinylsuccinimide. N. V. Daniel, A. F. Nikolaev, Vysokom. soed. 8 no. 3:465-469, 1966.

Kinetics of the synthesis of polyalkylene maleinates and polyalkylene fumarates. Z. V. Mikhailova, P. Z. Li, Plast. massy no. 1:12-16, 1966.

Light scattering technique used in studying the kinetics of radical polymerization. Linear chain termination. I. M. Bel'govskii, L. S. Sakhonenko, N. S. Enkolopian, Vysokom. soed. 8 no. 3:369-375, 1966.

Method of determining the viscosity and degree of polymerization of cellulose. L. S. Bolotnikova, S. N. Danilov, T. I. Samsonova, Zhur. prikl. khim. 39 no. 1:176-180, Jan '66.

Molecular weight distribution in the solid-phase anisotropic polymerization. A. I. Berlin, N. S. Enkolopian, Vysokom. soed. 8 no. 3:412-414, 1966.

"Oxulum" interpolymerization of butadiene-vinylpyridine rubber with some chlorine-containing polymers. I. L. Shmurak, R. V. Uznina, A. A. Berlin, Vysokom. soed. 8 no. 3:461-464, 1966.

Polycondensation of biphenyl with dichloroethane in the presence of aluminum chloride and the structure of products obtained. I. I. Ukol'shon and others, Vysokom. soed. 8 no. 3:481-485, 1966.

Polycondensation of methylphosphonic dichloride with diphenylpropane. D. I. Ilyin, L. A. Rodikova, Vysokom. soed. 8 no. 3:509-512, 1966.

Polymerizability of phenylphosphonic acid esters. N. N. Stefanovskaya, E. L. Geller, Vysokom. soed. 8 no. 3:486-489, 1966.

Polymerization of ε-caprolactam in the presence of carboxylic acid hydrazides. V. A. Ivanovskii, A. P. Gekov, K. A. Kornev, Vysokom. soed. 8 no. 3:190-198, 1966.

Polymerization of vinylene carbonate in aqueous solution. V. F. Kazanskaya, O. M. Khimova, Zhur. prikl. khim. 39 no. 2:432-433, 1966.

Radiation-induced polymerization of fluorocyclohexane. I. A. Volkov, P. V. Zhurav, A. V. Tokin, Dokl. AN SSSR 167 no. 5:1057-1059, Apr '66.

Radiation-induced polymerization of polyfunctional silanes, tin boron and others. Vysokom. soed. 8 no. 3:557-559, 1966.

Radiation-induced polymerization of polyfunctional siloxanes, K. S. Kumbayevskii and others, Vysokom. soed. 8 no. 3:553-556, 1966.

Rearrangement of radicals in the process of hydrogenation of ethylene by oxygen-containing telomers. I. I. Fieldina and others, Zhur. VKIO 11 no. 2:21, 1966.

Relative reactivity of cyclic oxides in the process of cationic polymerization. N. M. Geller, V. A. Kuznetsov, B. A. Dolgoplosk, Vysokom. soed. 8 no. 1:150-151, 1966.

Study of polymerization initiators by chemiluminescence methods. S. S. Ivanov, A. P. Brik, V. A. Chelapov, Izv. AN URSS no. 2:106-120, 1966.

Synthesis and study of polyarylene quaternary. A. A. Brik and others, Vysokom. soed. 8 no. 3:510-517, 1966.

Thermal effects of polymerization of 1,3-cyclohexadiene in the presence of TiCl₄ in various solvents. V. I. Novikova, V. V. Vasil'eva, Vestnik AN BSSR, Ser. khim. i fiz. 1:29-30, 1965.

Tudbs, Feiene. [Study of the kinetics of radical polymerization based on the hypothesis of hot radicals] Russkaya smoteniye knizhki radikalov i polimerizatsiya na osnovy gipotezy goruchikh radikalov; obzor. Pod red. V. N. Kargin. Moskva, Mir, 1966. 147 p.

POLYMERS

Akademika nauk SSSR. Institut organicheskikh i prikladnykh soedinenii. [Advances in the synthesis of organometallic polymers] Uspekhi v obshch. khim. i priklad. organicheskikh polimerov. Pod red. V. V. Korshak. Moskva, Nauka, 1966. 246 p.

Amino organosilica as chemically active substances in the synthesis of polymers. V. A. Kuznetsov, V. A. Kuznetsov and others, Koll. zhur. 28 no. 2:110-121, 1966.

Anticorrosive polymer coatings in the petroleum and gas industries of foreign countries. B. I. Tsvetov, M. I. Monina, Gaz. dolo no. 4:30-42, 1966.

Behavior of some polymers in the electric field. S. Kozlov, A. Pasternak, Koll. zhur. 28 no. 2:239-241, 1966.

Compressed wood particles are a cheap raw material for polymers. A. I. Vigdovich, Mashinostroitel'stvo 10 no. 10, 1966.

Effect of paramagnetic particles on single-radical polymerization in anthracene. A. A. Il'ich and others, Izv. AN SSSR, Ser. khim. no. 4:720-729, 1966.

Effect of polymers on the structure of Chernozem as a yield of corn. L. A. Krupnikov, N. I. Rogovskaya, Izv. i trud. po agron. fiz. no. 1:115-140, 1965.

Electron microscopic study of the aggregation of some minerals and soil in relation to polymers. L. I. Tsvetov, V. A. Kuznetsov, Vest. Mosk. un. Ser. 6 Biol., pochv. 21 no. 1:121-126, Jan-F '66.

Film coverings for fresh concrete. G. I. Stupakova, E. I. Kulik, Stroitel'stvo, 7 no. 2:10-21, 1966.

Flow of liquid polymers. V. N. Pokrovskii, Izv. Akad. Nauk SSSR, Ser. khim. no. 3:337-340, 1966.

Highly unsaturated polymers. Report No. 15. Synthesis and some physical characteristics of polyunsaturated polymers. M. P. Tepugova, I. L. Kollinsvskii, E. K. Anisimov, Izv. AN SSSR, Ser. khim. no. 4:711-720, 1966.

Infrared spectra of polyaryleneethyl hydroperoxide. G. I. Chuchin, G. S. Kolesnikov, Vysokom. soed. 8 no. 3:431-435, 1966.

Instrument and methodology for studying the crystallization of rubberlike polymers by means of the differential method. A. I. Marek, N. P. Kuznetsov, G. I. Novikova, Kauch. rez. 24 no. 3:41-44, 1965.

Mechanics of polymers; all-Union conference in Leningrad. IU, S. Urzhumtsev, Vest. AN SSSR 36 no. 3:109-172, 1966.

Method for investigating the mechanical properties of some polymer compositions of anticorrosive coatings for pipelines. A. A. Kozlovskaya, N. G. Rabinovich, N. I. Kudashova, Gaz. dolo no. 4:23-26, 1966.

Mixing; review of literature. I. S. Pavlushenko and others, Tруды NIIKHMIMASH no. 46:122-130, 1964.

Polymers with a side phthalide group in the polymer chain based on diphenylphthalidecarboxylic acid. V. N. Korshak and others, Vysokom. soed. 8 no. 3:448-453, 1966.

POLYMERS (Continued)

Polyesters containing 5-trifluoromethyl rings in a polymer chain. Z. N. Paronko, V. N. Skopchenko, S. A. Tienkova, *Ukr. khim. zhur.* 32 no. 3 305-306 '66

Properties of rubber compounds and vulcanizates based on a combination of pyridine- and carbon yl-containing rubbers. I. P. Kopylov, I. G. Lazarev, V. G. Tshitsin, *khim. i tekhn.* 25 no. 1 3-6 '66

Rubbers and polymers. I. U. Ventaminov, I. I. Timocov, *Ukr. khim. zhur.* 32 no. 10:82-84 '66

Separate halogenometric determination of allyl and functional double bonds in polyesters and their copolymers. V. I. Tatarsov, V. I. Volodina, S. S. Spivskii, *zhur. anal. khim.* 21 no. 3 350-361 '66

Skharova, E. G., and L. O. Alovina. [What polymers are] Chlo lakos polimeri. Moskva, Znanie, 1966 77 p. (Narodnyi universitet: Estestvenno-muchnyi fakul'tet, no. 3)

Studying the heat transfer in apparatus with a mixer during the mixing of viscous Newtonian fluids. A. A. Kapustin, *Trudy NIKhIMMASH* no. 15, 3-28 '61

Synthesis and analysis of secondary aromatic diamines used as stabilizers in the production of polymeric materials. A. P. Koshkov and others. *zhur. prikl. khim.* 39 no. 1:200-203 Ja '66

Testing of the model two-shaft worm mixer. V. G. Tshatov, G. N. Vasil'ev. *Trudy NIKhIMMASH* no. 16: 62-70 '61

The thermodynamics of ion exchange of sulfonated copolymers of styrene and divinylbenzene. Part 8. A. A. Kiyova, V. S. Soldatov, G. L. Starobinets. *zhur. fiz. khim.* 40 no. 2:138-141 F '66

Thermodynamic titration of polymer solutions. M. F. Sorokin, V. K. Latov. *Zav. lab.* 31 no. 5 517-550 '65

Use of the universal tensile strength testing machine in testing polymers under fixed load. I. U. Novikov. *Plast. masny* no. 4:68-69 '66

Using polymers for sealing reinforced concrete tanks. Sh. M. Garibov. *Transp. i khran. tekhn. i tekhn. pol.* no. 3:22-24 '66

POLYMERS—ELECTRIC PROPERTIES

Electric conductivity of "living" polymers and the nature of active centers in anion polymerization. A. A. Arst, I. A. Ushovich, A. R. Gaidmukhet, S. S. Medvedev. *Dokl. AN SSSR* 167 no. 5 1069-1072 Ap '66

New properties of some porous conductive systems when used as heating elements with self-regulating temperature. L. L. Likhits, L. A. Ostrova, N. A. Likhits, *Trudy VNIPIK* no. 15:100-103 '64

Orientation effect on the electric conductivity of polymers. B. I. Sachin, M. P. El'den'ant. *Vysokom. soed.* 8 no. 3: 427-130 Mi '66

Studying the electrophysical properties of polyester lacquers. K. F. Garibov. *Lakokrasn. mat. i kh. prikl.* no. 2:41-43 '66

POLYMERS—PERMEABILITY

Effect of the vapor and gas permeability of polymeric films on their properties. S. E. Naumova, I. U. N. Khaklovskii, P. L. Zubov. *Lakokrasn. mat. i kh. prikl.* no. 2:30-34 '66

POLYMERS—SPECTRA

Spectroscopic relaxation of some polymeric radicals of paroxide type at low temperatures. L. V. Alekhandrov, I. A. Dylavakhshvili, G. D. Kelladze. *Tekhn. i eksp. khim.* 2 no. 1:97-102 '66

POLYMERS—TESTING

Deformation properties of polymer materials. P. V. Melent'ev and others. *Trudy NIITmasha* no. 1 75-85 '65

Spring dynamometer for testing polymers. V. M. Rubinstein and others. *Zav. lab.* 31 no. 8:759 '66

POLYMERS—TERMINOLOGY

Improving the scientific and technical terminology in the field of polymers and their properties. *khim. i tekhn.* 25 no. 1:53-54 '66

POLYMERS, HIGH see Macromolecular compounds

POLYMORPHISM

Some properties of polymorphic modifications of rubidium trizirconate and trihafnate. A. A. Grizik, V. E. Plushchev. *zhur. neorg. khim.* 11 no. 2:243-248 F '66

POLYNOMIALS

Approximation by analytic functions and polynomials in the mean over an area. S. O. Stannan. *Mat. sbor.* 69 no. 4:546-578 Ap '66

Approximation of L-functions by polynomials. I. P. Krykorehuk. *Dokl. AN URSSR* no. 143-147 '66

A condition for the convergence of interpolation polynomials. P. I. Kiselev. *Ukr. mat. zhur.* 38 no. 3:124-128 '66

Generalization of M. Riesz's identity and some applications of a generalized identity. D. L. Norman. *Izv. vya. ucheb. zav. imat.* no. 2:26-31 '66

A sequence of functionals. V. N. Mirozomov. *Izv. vya. ucheb. zav. imat.* no. 2:70-77 '66

Use of digital electronic computers in reducing polynomials to the canonical form. M. A. Chubarov. *Izv. vya. ucheb. zav. radiofiz.* 9 no. 1:212-213 '66

Use of trigonometric polynomials in the approximation of functions defined on a segment or system of segments. S. I. Rabinovich. *Dokl. AN URSSR* no. 2:153-159 '66

POLYOXYL

Critical remarks on the qualitative characteristics of some preparations in British and American pharmacopoeias. M. Kh. Il'murov, B. I. Daskhchuk. *Farmats. zhur.* 20 no. 2:13-17 '65

POLYPHENYLS

Chromatographic separation of polyphenyls and their hydrogenation products. L. I. Kostovtseva, I. U. N. Nefekhtskii. *zhur.* 20 no. 2:275-277 Mi-Ap '65

POLYPLOIDY

Biochemistry of plants and polyploidy. V. N. Abramian. *Vest. sel'khoz. nauk* 10 no. 3:130 Mi '65

Inheritance of perennality in the 56-chromosome wheats. V. F. Lashimova. *Bull. Glav. bot. sadu* no. 60 26-31 '63

Polyploid forms of black flies of the genus *Oedemia* (fam. Simuliidae, ord. Diptera) in the natural population of Leningrad Province. E. S. Shchepakov. *Dokl. AN SSSR* 167 no. 5:1153-1155 Ap '66

Polyploid series in the genus *Morus* and some problems of form and species formation. I. K. Abdullaev. *Dokl. AN Azerb. SSR* 21 no. 11:59-65 '65

Polyploidy in plant breeding. V. E. Pisarev. *Zemledelie* 28 no. 3 66-71 Mi '66

Study of the heritability of some productivity indices in polyploid sugar beets. A. F. Shchukh. *Dokl. AN SSSR* 167 no. 1:199-201 Mi '66

POLYPROPYLENE

Calorimetric study of the kinetics of isothermal crystallization of isotactic polypropylene. I. U. K. Godovskii, G. L. Stenitskii. *Vysokom. soed.* 8 no. 3 403-411 Mi '66

Change of the crystalline structure of polypropylene in the process of thermal aging. M. A. Martynov, K. A. Valeykhina. *Vysokom. soed.* 8 no. 3 376-379 Mi '66

Manufacture of hosiery from polypropylene yarn. M. D. Rezn, D. V. Filbert, N. I. Sakharov. *Tekst. prom.* 29 no. 4:51-54 Ap '66

New data on the fire hazards of various substances. S. Tashkin, L. I. Tshinov, V. Khomov. *Pozh. delo* no. 128 Mi '66

Quantitative determination of terminal unsaturated groups in polypropylene glycols based on their infrared absorption spectra. V. V. Zharkov. *Zav. lab.* 32 no. 4:430-437 '66

Rheological properties of polyisobutylene-carbon black mixtures. G. M. Bartenov, Z. G. Poyarkova. *Koll. zhur.* 28 no. 2:171-179 Mi-Ap '66

POLYPROPYLENE—THERMAL PROPERTIES

Thermal stability of polypropylene. M. G. Pleshakov and others. *Khim. volok.* no. 2:14-16 '66

POLYSACCHARIDES

Biological activity of some bacterial polysaccharides. U. I. Mil'veskii. *Antibiotiki* 11 no. 2:123-125 F '66

Dynamic of age-related changes and histotopography of polysaccharides in the cartilage of the human ankle. S. M. Sinhaeva, L. D. Zherobkov. *Dokl. AN SSSR* 167 no. 5:1151-1152 Ap '66

Effect of specific polysaccharides from *Salmonella* and *Proteus*, with partially changed structure by acidic hydrolysis, acetylation and oxidation, on radiation resistance in mice. A. P. Duplishcheva, K. K. Ivanov. *N. G. Zhukova. Radiobiologiya* 6 no. 2:318-321 '66

Frequencies of carboxylate ions and the structure of salts of carboxyl-containing polysaccharides. S. S. Gusev, I. N. Ermolenko. *Vest. AN SSSR, Ser. khim. nav.* no. 4: 106-107 '65

Polysaccharides in the tissue of experimental tumors of the salivary glands. V. O. Iosava. *Sob. AN Gru. SSR* 41 no. 2 457-162 F '66

Polysaccharides of corneals. G. I. Chukhova, V. I. Sharikov. *Izv. vya. ucheb. zav., plishch. tekhn.* no. 2:42-17 '66

POLYSACCHARIDES—PHYSIOLOGICAL EFFECT

Biological activity of polysaccharides of plant origin; a survey. A. D. Turova, A. S. Gladikh. *Farm. i toks.* 28 no. 1:498-504 Ji-Ag '65

PONTELLDAE

Oxygen consumption and food requirements in copepods *Acartia clausi* Giesbr. and *Acartia lalostosa* Killez. T. S. Petipa. *Zool. zhur.* 45 no. 3:353-370 '66

PONTOONS

Efficient construction of floating supports for KS pontoons. L. I. Meshchornikov, N. A. Raovskii, I. U. A. Pavlukov. *Transp. stroit.* 15 no. 8:11-13 Ag '66

POOR see subdivision under Ukraine

POPLAR

(see also subdivision under Amur Valley, White Russia)

Morphogenesis of the reproductive organs in poplars and their place in the phylogenetic system. P. P. Besschetnov, B. K. Skupchenko, V. I. Skupchenko. *Vest. sel'khoz. nauk [Kazakh]* 9 no. 3 95-99 Mi '66

POPOV, ALEKSANDR STEPANOVICH, 1859-1906

Inventing the radio. P. I. Pluksh. *Shkola i put' otz* 10 no. 5:86-88 Iy '66

POPOV, SERGEI PLATONOVICH, 1872-1964

In memory of Sergei Platonovich Popov. *Zap. Vses. min. obshch.* 94 no. 3:366-367 '65

POPPY

Separation of oleiferous poppy alkaloids by means of chromatography in a thin layer of silica gel. R. K. Morozov. *Ap. i khim.* 13 no. 6:51-71 N-D '61

POPULATION—CONGRESSES

World population and the future. V. Pokhshchikov. *Nov. ml.* 42 no. 1 200-213 Ja '66

POPULISM (NARODNICHESTVO)

New documentary materials concerning the history of the "Narodnaya volia" movement. L. I. Senchakova. *Vest. Mosk. un.* Ser. 9 1st 21 no. 2 83-88 Mi-Ap '66

Populists and the press. A. F. Berzhnoi. *Vest. LGU* 2' no. 8:93-100 '66

The principle of historicism in the critical evaluation of liberal populism and "legal Marxism" by V. I. Lenin. V. V. Ivanov. *Trudy LGU* 178 3-31 '65

POROSITY

Concerning the functions of the distribution of the porosity factor in Devonian terrigenous rocks in Bashkiria. M. M. Sattarov, E. A. Andreev. *Geol. nefit. i gaza* 10 no. 3:49-52 Mi '66

Effect of saturation of pore space on the accuracy of the determination of open porosity. D. V. Kutovina. *Neft. i gaz. prom.* no. 1:15-17 Ja-I '66

Porous structure of adsorbents and catalysts. M. M. Dubinin. *Vest. AN BSSR, Ser. khim. nav.* no. 1:5-20 '66

Preliminary results of the statistical analysis of porosity determination methods based on the S. P. log. I. U. M. Kulev. *Trudy VNIEN* no. 15:270-278 '65

Regulation of the porous structure in carbon black-pitch compositions. A. S. Palkov, G. P. Gamil'evskaya, N. N. Ogareva. *zhur. prikl. khim.* 39 no. 2 415-448 F '65

Results of the study of the porosity of limestones in the Yakovlev deposit of the Kuzak Magnetic Anomaly using the method of resistance. I. P. Tverdokhlebov, V. S. D. Likhov. *Zh. obshch. mest. pol. iskop.* no. 3 90-105 '61

Strength of highly dispersed porous structures as reduced by adsorption. E. D. Shchukin and others. *Dokl. AN SSSR* 167 no. 5:1109-1111 Ap '66

Study of the porous structure of active coals from saccharose by the methods of adsorption and small-angle scattering of X-rays. G. M. Plavuk, M. M. Dubinin. *Izv. AN SSSR Ser. khim.* no. 1 629-637 '66

Thermal effect and size of silica gel pores. O. S. Novikova, N. D. Rikova. *Uzb. khim. zhur.* 6 no. 3 72-73 '65

POROUS MATERIALS

Certain regularities in the sintering of porous products of high melting compounds. E. M. Pishchomskii, V. M. Sleptsov. *Porosh. met.* 6 no. 4 11-15 Ap '66

Importance of longitudinal diffusion in the filtration of aerosols by layers of fibrous materials. L. V. Radmankevich. *zhur. fiz. khim.* 40 no. 2 317-321 F '66

Using the method of washing out water-soluble substances in the forming of pores in polymers. L. A. Shern, L. V. Plotnikov, S. A. Pavlov. *Nauch.-issl. trudy VNIPIK* no. 15:6-14 '64

POROUS MATERIALS—TESTING

Studying the effect of porosity on the strength properties of ceramic metalbronzes. V. N. Miroshnikov, I. M. Fedorenko. *Fiz.-khim. mekh. mat.* 2 no. 1:58-60 '66

PORPHYRINS

Participation of a triplet excited state in porphyrin photochemical reactions at 77°K. Z. P. Grigova, V. A. Umrikhin, L. P. Kalushin. *Biofizika* 11 no. 2:353-355 '69

PORPHYROID

Porphyroids as a siliceous component of raw material mixtures. B. N. Bogomolov, T. A. Galperina, I. U. S. Pavlov. *TSement* 32 no. 2:15-16 Mi-Ap '66

PORPHYRY

Manufacture of porcelain on the basis of dacite porphyry. K. A. Stukalina, T. I. Tarasova. *Slek. i ker.* 23 no. 4:30-31 Ap '66

PORTAL HYPERTENSION

Morphological reflection of portal hypertension. V. P. Lashchakov, L. A. Ender. Arkh pat 28 no 2:44-49 '66.

PORTAL VEIN

Rate of portal blood flow in acute and chronic injuries of the gastrointestinal tract. Sh. I. Gugeshashvili, G. M. Molodtsov. Dokl AN Gruz SSR 11 no 2:485-191 F '66.

PORTLAND CEMENT

Characteristics of the production of quick-hardening high-strength portland cement. M. Strel'kov, L. Sydochenko. Bud. mat. i konstr. 7 no 4:30-32 J1-Ag '66.
Effect of sodium fluoride on the setting of high aluminate cement corresponding to white portland cement. M. G. Guliamov, I. S. Kantsepol'ski. Uzb khim zhur. 9 no 3:15-19 '66.

PORTRAIT PAINTING

Portrait painting and his heroes. L. Akimova. Iskusstvo 29 no 3:37-40 '66.
To create means to dare! P. Korin. Iskusstvo 29 no 3:18-22 '66.

PORTUGAL—POLITICS AND GOVERNMENT

Certain methodological problems in the study of "small imperialisms" in Africa. V. L. Shelnis. Vest. LCU 21 no 5:136-139 '66.

POSTAGE STAMPS—TOPICS—SPACE STATIONS

Automatic interplanetary stations on stamps. V. A. Orlov. Zem i vesol. 2 no 2:88-89 Mr-Apr '66.

POSTAL SERVICE

Consultations on problems in postal communications. I. P. Shmanov. Vest. svyazi 26 no 2:26-29 F '66.
Packaging of mail for delivery to base stations. M. I. Sorokin. Vest. svyazi 26 no 2:22-23 F '66.
Transportation of mail in containers. G. G. Shakh-Nazarov. Vest. svyazi 26 no 2:20-22 F '66.

POSTAL SERVICE—FINANCE

Shortcomings in planning and business accounting in mail transporting enterprises. N. D. Stas'. Vest. svyazi 26 no 1:12-13 Ja '66.

POSTERS see subdivision under Leningrad

POSTOPERATIVE CARE

Negative effect of large quantities of physiological solution introduced into the body in the postoperative period. A. A. Krokhaev. Sov. med. 28 no 3:105-107 Mr '66.

POTASSIUM

On one case of potassium metasomatism. A. S. Kellin. Geol. i geofiz. no 1:123-125 '66.

POTASSIUM—EFFECT ON PLANTS see Plants, Effect of potassium on

POTASSIUM-ARGON DATING

Distribution of K⁴⁰ radioactive isotope in the most ancient rocks of the earth. I. U. A. Shukolukov, I. N. Tolstikhin, E. S. Varshavskaya. Geokhimiya no 4:373-375 Ap '64.

POTASSIUM BROMIDE

Solubility in the system KBr - BiBr₃ - HBr - H₂O at 25° C. S. B. Steplina and others. Zhur. neorg. khim. 11 no 2:420-428 F '66.

POTASSIUM CHLORIDE

Reaction of holmium and erbium chlorides with potassium chloride in melts. B. G. Korshunov, and others. Zhur. neorg. khim. 11 no 2:411-414 F '66.

POTASSIUM HALIDES

Quantitative determination of calcium chloride and potassium bromide and iodide present together in a solution. Report No. 2. M. I. Tarasenko. Trudy I-go MNI 17:204-219 '62.

POTASSIUM IODIDE—ELECTRIC PROPERTIES

Electric conductivity of potassium iodide in alcohol-water solutions. A. V. Akbulin, T. A. Komarova. Vest. Mosk. un. Ser. 2 Khim. 21 no 1:29-30 Ja-F '66.

POTASSIUM METABOLISM

Accumulation of potassium ions by synthetic polyelectrolytes and ionic asymmetry of the cell. Z. A. Sorokina, I. U. D. Kholodova. Dokl AN SSSR 167 no 4: 915-918 Ap '66.

POTASSIUM METAPHOSPHATES

Preparation of granulated potassium metaphosphate in apparatus with a fluidized bed. S. I. Vol'kovich and others. Zhur. prikl. khim. 39 no 1:3-7 Ja '68.

POTASSIUM NIOBATES

Process of dehydration of some potassium heteronitobates. V. I. Bezrukov, A. V. Lapitski, E. I. Iarembash. Zhur. neorg. khim. 11 no 2:316-319 F '66.

POTASSIUM NITRITE

Reaction of platinum trans-diammine dichloride, platinum trans-diammine dibromide with potassium nitrite. A. V. Babayeva, R. I. Rudyi. Zhur. neorg. khim. 11 no 2:351-355 F '66.

POTASSIUM ORES

Effect of reagents on the electrochemical surface properties of argillaceous minerals. Kh. M. Aleksandrovich, V. L. Knysht. Dokl. AN BSSR 10 no 3:166-167 Mr '66.

POTASSIUM SALTS

(see also subdivision under Europe, Staloin, White Russia; Uzbekistan)

Mutual influence of sodium and potassium during their determination in potassium salts by flame photometry. T. M. Ulanova, M. M. Pavlichenko. Vest. AN BSSR. Ser. khim. nav. no 1:118-122 '65.

Preparation and some properties of potassium salts of heteronitobates containing elements of the iron, copper, and cerium group. A. V. Lapitski, V. I. Bezrukov, L. G. Vlasov. Zhur. neorg. khim. 11 no 2:312-315 F '66.

POTASSIUM SULFATES

Solubility in the system ZnSO₄ - K₂SO₄ - H₂O at 35° C. V. G. Shevchuk, V. N. Phipchenko. Zhur. neorg. khim. 11 no 2:432-433 F '66.

POTASSIUM TARTRATES

Combined physicochemical method of potassium bistratrate removal from grape juice. B. L. Flaumenbaum, A. S. Razdorskikh. Izv. vuz. ucheb. zav. prikl. tekhn. no 2:171-172 '66.

POTATO BEETLE

Development characteristics of Colorado beetle. I. Kovtun. Zashch. rast. 11 no 2:51 '66.

POTATO HARVESTING MACHINERY

Complex of machines for harvesting and postharvest processing of potatoes. D. I. Makalimov, N. N. Kolehlin. Trakt. i sel'khoz. mash. no 4:10-20 Ap '66.

POTATO LATE BLIGHT

Potato breeding for resistance to potato late blight and viruses. A. I. A. Kameraz. Sbornik VIR no 2:11-19 '64.

POTATOES

(see also subdivision under Kazakhstan)

Effect of soil density on the yield of potatoes. O. A. Visser. Sbornik, po agron. fiz. no 1:103-106 '65.

POTATOES—DISEASE AND PEST RESISTANCE

(see also subdivision under Soviet Far East)

Potato breeding for resistance to potato late blight and viruses. A. I. A. Kameraz. Sbornik, VIR no 2:13-10 '64.

POTATOES—DISEASES AND PESTS

(see also subdivision under Kazakhstan)

Elucidation of diseases of seed potatoes in various zones of the U. S. S. R. based on studying the reasons causing the degeneration. P. G. Chesnokov. Sbornik, VIR no 2:3-12 '64.

Genetics of the resistance of potato to Phytophthora infestans (Mont.) De Bary strains and their variability. G. F. Maklakova, I. N. Kozlovskaya. Genetika no 3:48-59 '66.

POTATOES—FERTILIZERS AND MANURES

(see also subdivision under Yenisey Valley)

Comparative action of mineral fertilizers for potatoes grown after pulse crops. V. I. Shempel', N. P. Kurekh, Vest. AN BSSR, Ser. sel'khoz. nav. no 1: 36-43 '66.

Effect of trace elements on the yield and chemical composition of potatoes. K. K. Kudlo. Vest. AN BSSR, Ser. sel'khoz. nav. no 4:47-50 '65.

Large crops on drained lands. E. N. Modin and others. Zemledelie 28 no 3:25-29 Mr '66.

POTATOES—GRADING AND STANDARDIZATION see subdivision under Mordovia; White Russia

POTATOES—IRRIGATION see subdivision under Moldavia

POTATOES—VARIETIES see subdivision under White Russia

POTENTIAL, THEORY OF

Effective potential of particle motion in a high-frequency field. R. Khina. Zhur. eksp. i teor. fiz. 50 no 3:807-808 Mr '66.

Mass transfer potential in colloidal bodies. V. M.

Kazanskii. Inzh. -fiz. zhur. 10 no 3:393-395 Mr '68.

Principle of the lower envelope in discrete potential theory. D. I. Shaparo. Izv. AN SSSR Ser. mat. 10 no 1:22-28 '65.

Some incorrect problems in the theory of potential. I. T. Anokhin. Difer. urav. 2 no 1:525-531 Ap '66.

Uniqueness of the solution to an inverse problem in the theory of potential. M. A. Kholodova. Zhur. 7 no 2:155-157 Mr-Apr '66.

POTENTIOMETRIC ANALYSIS

Determination of acetic acid in acetylating mixtures by potentiometric titration in nonaqueous solutions. A. P. Kreshkov and others. Zav. lab. 32 no 3:215-216 '66.

Determination of carbon in thin-walled pipe by the potentiometric method. V. I. A. Sych, N. A. Mikhalevich. Prirod. trudy no 15:111-115 '65.

Effect of reagents on the electrochemical surface properties of argillaceous minerals. Kh. M. Aleksandrovich, V. L. Knysht. Dokl. AN BSSR 10 no 3:166-167 Mr '66.

Method of analysis of trichloroacetaldehyde. A. I. Khabina. Zav. lab. 31 no 6:660-662 '66.

Potentiometric determination of vinyl acetate in mixtures with vinyl chloride. N. M. Kvasilov, I. S. Kovalenko. M. P. Strukova. Zav. lab. 31 no 6:676 '66.

Potentiometric method of the quantitative determination of 2-benzothiazole sulfenamide. V. K. Kovalenko, A. A. Cherkasov. Zav. lab. 32 no 4:107-108 '66.

Reduction control of 2,1-dichlorophenoxyacetic acid derivative by potentiometric titration. E. A. Kholodova, E. U. Kholodova. Zav. lab. 31 no 6:675 '66.

Spectrophotometric and potentiometric determination of acid dissociation constants of some rare-earth phosphates. N. A. Kostomarov. Zhur. neorg. khim. 11 no 2:381-385 F '66.

Thermometric determination of some nitrogen-containing derivatives of carbonic acid in nonaqueous solutions. A. P. Kreshkov, A. N. Ivanenko, V. N. Kovalenko. Anal. khim. 21 no 3:350-351 '66.

Use of anthranilic acid in the potentiometric determination of copper, lead, and zinc. O. N. Rubina. Prirod. trudy. Z. I. Ivanova. Zav. lab. 32 no 4:216-217 '66.

Use of sodium nitroprusside for the potentiometric determination of copper and zinc. O. N. Rubina, I. S. Kovalenko, Z. I. Ivanova. Zhur. anal. khim. 21 no 3:257-259 '66.

POTTERY

(see also subdivision under Leningrad)

Polyfluoropolyethylene resin roll formation for the shaping of porcelain products. I. U. A. Baidalova. Stek. i ker. 23 no 1:37-38 Ap '66.

Translucent porcelain with a high degree of whiteness made of the "Gusevsky stone." T. S. I. Kovalenko, I. U. Dmitriyev, N. I. Kholodov. Stek. i ker. 23 no 1:37-38 Ap '66.

POTTERY, ANCIENT see subdivision under Azerbaijan; Nakhichevan A. S. S. R.; Palau

POTTERY, SLAVIC

Methods used in the manufacture of ancient Slavic pottery. P. I. Khaviluk. Arkheol. sbor. [Ermen.] no 7:11-14 '64.

POTTERY, WHITE RUSSIAN

Elalontsova, I. M. [Artistic pottery of Soviet White Russia] Khudozhestvennaya keramika Sovetskoi Rusi. Minsk, Nauka i tekhnika, 1960. 189 p. illus.

POULTRY see subdivision under Azerbaijan

POULTRY—DISEASES AND PESTS

(see also subdivision under Mordovia)

Measures for the control of aspergillosis in poultry. V. F. Kurbalov. Veterinaria 12 no 3:105-106 Mr '66.

Searching for the most effective methods for chemoprophylaxis of coccidiosis in poultry. V. I. Koshkina, A. G. Iaroslavskaya. Trudy AZVI 11:147-157 '61.

POULTRY—EMBRYOLOGY see Embryology—Poultry

POULTRY—FEEDING AND FEEDS

Effect of oxytetracycline and biotiny on some functions of the digestive organs in baby chicks. A. I. I. Kovalenko. Antibiotiki 11 no 2:165-168 F '66.

Skin milk enriched with vitamin B₂ in rations for chicks. L. A. Kruglova and others. Vest. sel'khoz. nauki 11 no 3:83-87 Mr '66.

POULTRY—GENETIC RESEARCH

Possibility of the genetic transformation in chicken heterogenous blood transfusion. A. F. Opolinski, A. I. Zolotarev, I. A. Smirnova. Genetika no 1:71-72 '66.

POULTRY—PARASITES see Parasites—Poultry

POULTRY--PHYSIOLOGY

Characteristics of mineral metabolism in chicks fed various doses of chlorotetracycline. M. I. Latskankou, L. I. Paduchukina. Vestn AN BSSR, Ser. sel'sk. nauk, no. 1, 117-121 '63.

POULTRY BREEDING

Analysis of the relationship between parental age and the characteristics of offspring development in chicks. N. S. Anisimova. Vestn. Mosk. univ., Ser. 6: Biol. nauki, 21 no. 1-2-3, 13-15 '66.

Metabolic processes in the organism of young chickens of parent and mixed breeds raised for meat, their growth and development. R. Abdrakhmanova. Izv. AN Kazakh SSR, Ser. Biol. nauk, 2 no. 5, 70-76 '64.

POULTRY BRONCHITIS, INFECTIOUS

Results of specific prophylaxis of infectious laryngotracheitis. B. A. Iakobin and others. Veterinariia, 42 no. 3, 54-56 M1 '66.

POULTRY INDUSTRY--EXHIBITIONS

Problems in the main goal. A. Volkov. Inform. biol. VDNKh II no. 3-20 M1 '66.

POULTRY PLANTS

Partial slaughter by the evisceration method. E. G. Izon-tova, M. D. Ogorov, M. Ch. Chelnyshkin. Mirov. Ind. SSSR, 11 no. 2, 40-41 '66.

POUSSIN, NICOLAS, 1894?-1965

Artist and thinker. T. Znametovskaya. Iskustvo, 20 no. 2, 62-69 '66.

POWDER METAL PROCESSES

Certain regularities in pressing two-component ceramic metal materials. L. D. Radomyevskii, N. I. Stukhanov. Poroshch. met., 6 no. 1, 45-50 Ap '66.

Investigating the process of pressing molybdenum die-cast. L. I. Stukh. Poroshch. met., 6 no. 4, 1-6 Ap '66.

POWDER METALLURGY--EQUIPMENT AND SUPPLIES

We should organize a centralized production of powder metallurgy. I. Sh. Shumakii. Sov. protv., no. 5, 11 M1 '66.

POWDER METALLURGY--SAFETY MEASURES

Safety measures in the production of aluminum powder. K. I. Rarov, V. G. Polarkov, V. Z. Kozlov. TSvet. met., 30 no. 4, 80 Ap '66.

POWER (SOCIAL SCIENCES)

Relation between the concepts of "political" power. N. M. Kolesov. Vestn. LGU, 21 no. 5, 15-16 '66.

POWER ENGINEERING

Brief news. Prom. energ., 21 no. 4, 61 Ap '66.

Soviet thermal power engineering on the eve of the 23rd Congress of the CPSU. A. S. Gornikov. Teploenergetika, 13 no. 3, 2-4 M1 '66.

Through the pages of technical magazines. Energetik, 14 no. 4, 23 Ap '66.

POWER ENGINEERING--CONGRESSES

Conference of the readers of our periodical held at the Third Aluminum Factory O. A. Anzin'. Prom. energ., 21 no. 4, 58-60 Ap '66.

POWER ENGINEERING--EQUIPMENT AND SUPPLIES

Preparation of an instrument for the reading of dynamic characteristics of thermal power engineering equipment. M. M. Chelnyshkin. Elektrot., 37 no. 2, 76-78 F '66.

POWER ENGINEERING--EXHIBITIONS

Chemistry in power engineering at the Exhibition of the Achievements of the National Economy of the U. S. S. R. Prom. energ., 21 no. 4, 57 Ap '66.

POWER ENGINEERING--PATENTS

From the pages of the "Hiladlen izobretenii, otkrytiia i izobretenia". Elektrot., 37 no. 2, 91 F '66.

POWER ENGINEERING--PERIODICALS

Conference of the readers of "Teploenergetika". Teploenergetika, 13 no. 4, 91-92 Ap '66.

POWER PRESSES

(see also subdivision under Chumkent)

Determining the required pressure for packing presses. S. F. Chukmasov, A. I. Zayimko. Kuz.-shtam. protv., 6 no. 10, 40-42 O '64.

Kinematics and the power conditions of crank presses for the extrusion of tubes and shaped products. I. A. M. Raikin, V. A. Zdanovich. Kuz.-shtam. protv., 6 no. 10, 35-40 O '64.

Presses for forced hardening of large parts. N. I. Lavrenko. Blud. tekhn.-ekon. inform., Gos. nauch.-issl. inst. nauch. i tekhn. inform., 19 no. 3, 18-19 M1 '66.

Press made of prestressed concrete with a column-type pedestal. M. I. Bialovskii. Vestn. mashinost. 40 no. 1, 24-25 Ap '66.

POWER PRESSES--DESIGN AND CONSTRUCTION

Modern design of automatic sheet metalworking presses with bottom drive. S. M. Nevskii. Kuz.-shtam. protv., 6 no. 3, 17-33 M1 '66.

Presses with mobile bolster plates. D. G. Ginzburg. Kuz.-shtam. protv., 8 no. 3, 36-38 M1 '66.

POWER RESOURCES

Collectives of industrial enterprises of Moscow are fighting for the economy of power resources. A. P. Svanov, P. I. Akinov. Prom. energ., 21 no. 4, 5-7 Ap '66.

POWER TOOLS

Electromechanical hammer with a capron body. A. M. Iakimov and others. Mashinostroitel', no. 5, 15 M1 '66.

Unit for nut unloading. M. L. Bystritskii, A. I. Kotov. Mashinostroitel', no. 1, 22 Ap '66.

POWER TOOLS--ELECTRIC CURRENT SUPPLY

Use of spotlight power supply lines to feed electric power tools. N. V. Kamp, V. I. Mal'vin, I. V. Razumovskii. Transp. stroit., 15 no. 5, 9-11 Ag '65.

POWER TOOLS--NOISE

Noise damper for nut runners. E. V. Robin, V. M. Ivanov. Mashinostroitel', no. 1, 30-39 Ap '66.

POZHARSKOYE REGION (MARITIME TERRITORY)--RUMUS

Group composition of organic matter in the coarse-humus shallow grey soils in former Pozharskoye District of the Maritime Territory. N. V. Khavkina. Soob. DVFAN SSSR, no. 23, 35-39 '64.

PRAGUE--THEATER

From Berlin to Prague. I. U. Rybakov. Teatr, 27 no. 3, 117-126 M1 '66.

PRAGUE, BATTLE OF, 1945

The first day of freedom... Oldich Pavlovsky. Nov. vsem, 23 no. 20, 4-5 M1 '66.

PRANGOS

Purocumarins from the roots of Prangos ispharamica. B. Fedtsch, G. A. Kuznetsova, L. M. Belenovskaya. Rast. res. 2 no. 1, 57-58 '66.

PRASEODYMIUM

Luminescence of praseodymium in silicate glasses. G. A. Mokrova, S. P. Lav'kin, P. P. Fofilov. Zhur. prikl. spekt., 4 no. 3, 245-251 M1 '66.

PRECAST CONCRETE

(see also subdivision under Pavlodar)

Improved nomenclature for precast reinforced concrete products. V. Didenko, V. Zaporozhets, A. I. Anovskiy. Bud. mat. i konstr., 7 no. 4, 10-12 J1-Ag '65.

Present-day equipment in a guarantee of the high quality of precast reinforced concrete. L. D. Gelsberg, I. B. Ginzburg. Stroi. i arkh. Uzb., 7 no. 4, 1-5 Ap '66.

PRECAST CONCRETE--COSTS see subdivision under White Russia

PRECAST CONCRETE CONSTRUCTION

(see also subdivision under Karakistan)

Construction of precast reinforced concrete reservoirs. D. V. Prokhorov, I. N. Ivanov. Transp. stroit., 15 no. 8, 24-26 Ag '65.

In connection with a recommendation. L. Bogatkin. Zhur. stroit., no. 4, 16 '65.

Precast monolithic foundations for industrial buildings. A. Pinski. Stroit. i arkh. Uzb., 7 no. 2, 42-43 F '66.

Riverside moorings of precast reinforced concrete. N. E. Shirokov. Transp. stroit., 15 no. 8, 18-20 Ag '65.

Tolerances for making and assembling precast reinforced concrete elements and their effect on the assembly work. I. A. L. Kantsfeld. Energ. stroit., no. 40, 18-21 '64.

PRECIPITATION (CHEMISTRY)

Development of the methods of obtaining the compact precipitates of inorganic substances. Calcium hydroxide. V. A. Sokol, E. A. Rif, A. V. Bromberg. Trudy IREA, no. 27, 264-264 '65.

Formation of layers of magnesium hydroxide in gelatin and agar. F. M. Shemiakin. Trudy 1-go MMI, 17:60-71 '62.

Formation of layers of mercury carbonate in gelatin, agar, and aqueous medium. F. M. Shemiakin. Trudy 1-go MMI, 17:42-48 '62.

Formation of layers of silver arsenate in gelatin, agar, and aqueous medium. F. M. Shemiakin. Trudy 1-go MMI, 17:49-59 '62.

Isolation from salt solutions of traces of elements with organic coprecipitants and ion exchangers. V. I. Kuznetsov, T. V. Solov'eva. Dokl. AN SSSR, 167 no. 5, 1063-1065 Ap '66.

Theory of periodic reactions. F. M. Shemiakin. Trudy 1-go MMI, 17:72-83 '62.

"Tree" of the process of obtaining the gravimetric form in relation to dehydration energy. Report No. 2. M. I. Tarasenko. Trudy 1-go MMI, 17:108-117 '62.

PRECIPITATION (METEOROLOGY)

Zhakov, S. I. [Origin of precipitation in the warm season]. Proiskhozhdenie osadkov v teploe vremia goda Leningrad, Glukomteolozdat, 1966. 250 p.

PRECIPITATION (METEOROLOGY)--MEASUREMENT

Calculation of the quantity of precipitation deposited on vertical surfaces. V. N. Sorokina. Vestn. Mosk. univ., Ser. 5: Geog., 21 no. 2, 102-104 M1-Ap '66.

PRECISION CASTING

Nonspontaneous pattern compositions for precision casting. I. U. L. Peravozhkin, L. A. Zhadenov. Lit. protv., no. 3, 5-7 M1 '66.

Obtaining turbo-compressor wheel castings by means of the lost-wax process. B. N. Andreev. Blud. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform., 19 no. 2, 40-41 F '66.

A two-stage method of producing refractory coatings in investment casting. A. A. Semenenko, M. I. A. Vasil'ev. Lit. protv., no. 3, 42 M1 '66.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNADIENEDIONE

Use of prednisolone in treating hemorrhagic vasculitis in a patient with diabetes mellitus. A. N. Iablochokov. Probl. endok. i gorm., 12 no. 2, 61-62 M1-Ap '66.

PREGNADIENEDIONE--PHYSIOLOGICAL EFFECT

Effect of prednisolone on the protein composition of the blood serum in antituberculosis vaccination and experimental brucellosis. V. A. Lisabet, Vop. med. khim., 12 no. 2, 158-163 M1-Ap '66.

PREGNADIENEDIONE--SIDE EFFECTS

Nocturnal involuntary urination as a complication of prednisolone therapy in children. M. E. Lipets. Urol. i nefr., no. 4, 62-63 '65.

PREGNANCY

Histochemical characteristics of phosphatases in the placenta and placental portion of the uterus at different times of pregnancy in white rats. G. I. Maisaia. Soob. AN Gruz. SSR, 11 no. 2, 430-443 F '66.

PREGNANCY--SIGNS AND DIAGNOSIS

Diagnosis of pregnancy in cows by the reaction of barium chloride with urine. K. A. Elpakov, N. S. TSyganok. Veterinariia, 42 no. 3, 58-59 M1 '66.

PREGNANCY, COMPLICATIONS OF

Panovarian cysts and pregnancy. N. A. Klitskaya. Sov. med., 29 no. 4, 140-143 Ap '66.

Pregnancy complicated by cancer of the cervix uteri. N. A. Shishkin. Sbor. stud. nauch. rab. Arkh. gos. med. inst., no. 2, 12-45 '63.

Pulmonary aspergillosis in pregnant women. M. F. Kremer, L. E. Koleshko. Sov. med., 29 no. 3, 103-112 M1 '66.

PRENATAL CARE

Role of nutrition in the prevention of embryonal pathology. survey of the literature. B. A. Nikituk, M. I. Vysheslavova. Vop. pit., 23 no. 3, 6-11 M1-Je '64.

PRESCHOOL EDUCATION see Education, Preschool

PRESS

(see also subdivision under Germany, West)

Soviet press. Nov. vrem., 23 no. 18, 26 M1 '66.

PRESSURE

(see also subdivision under Leningrad Gas Field)

Fractures of the long tubular bones following their compression in transverse direction. I. U. V. Kapitonov. Vop. travm., no. 2, 66-62 '63.

PRESSURE REGULATORS

Contactless devices and diagrams of pressure regulation in glass furnaces. V. M. Obukhov, B. V. Zhdanov. Stok i kei., 23 no. 4, 9-12 Ap '66.

Oxygen reductor. A. V. Vechera. Blud. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform., 19 no. 2, 22-23 F '66.

PRESSURE VESSELS

[Operation of steam boilers, pressure vessels and hoisting machines] Eksploatacia parovykh kotlov, snosov i grup pod'emnykh mashin. Izd 3, ofitsial'n. snov, perer i dop. Kiev, Tekhnika, 1956 786 p

PRESSURE VESSELS—WELDING

Prevent the fracture of welded joints in austenitic steel vessels. N. A. Izlumskiy, R. O. Rein. Bezop. truda v prom. 7 no. 11 16 N '63.

PRESTRESSED CONCRETE

see Concrete, Prestressed

PRILUSHNIKOV, DMITRII NIKOLAEVICH, 1865-1948

D. N. Prilushnikov and agrochemical science in the U.S.S.R. L. S. Lupinovich, T. N. Kulakovskaya. Vestn. N. B. S. S. R. Sel'sk. khoz. nav. no. 1 23-27 '65

PRICE REGULATIONS

Improving the system and regulation of prices in the U.S.S.R. V. D. Iachenko. Kommunist 43 no. 7 54-65 My '65.

PRICES

(see also subdivision under Kazakhstan)

Kornienko, V. T., and G. V. Pelyov. [Price control in trade] Kontrol' za tsenami v torgovye Moskva, Izd-vo Tsentrsoztuza, 1963 82 p.

On the basic price under socialism. O. Ahasanov. Ekon. Rad. Ukr. 8 no. 7-13 31 '65

Our information notes. Vychisl. 34 no. 9:54 My '66.

Price base and the stability of the cost indices of the plan. V. Kotov. Plan. khoz. 43 no. 5 12-50 My '65

PRIESTS, BUDDHIST

see subdivision under Cambodia

PRINTING

(see also subdivision under Ukraine)

Solokhina, V. G. [In aid to the electroplater in printing] V pomoshch' poligrafistu-gal'vanotekhniku Moskva, Kniga, 1955 84 p. (Biblioteka poligrafista)

PRINTING—DICTIONARIES

Kopius, Oskar. [Russian-Estonian illustrated polygraphic dictionary] Poligraafia vene-eesti illustreeritud sõnastik. Tallinn, Kirjastus Kunst, 1955 441 p

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES

[Technology and equipment of the woodpulp, paper, and printing industry] Ref. zhur. Tekh. i obor. tsel. -bum i poligr. proizv. nos 3-4 Mr.-Ap '65

PRINTING PLANTS

(see also subdivision under Leningrad)

Color in the printing plants. A. Usilnov, B. Khorevich. Tekh. est. 3 no. 2 18-21 F '66.

PROBABILITIES

Interval estimations when nuisance parameters are present. L. N. Bol'shev, E. A. Loginov. Teor. veroiat. i ee prim. 11 no. 1 94-107 '66

Problem containing a small parameter for parabolic differential equations. D. F. Mikhchenko, M. S. Nikol'skii. Difer. urav. 2 no. 4:439-452 Ap '66.

Summaries of papers delivered at the sessions of the Section of Probability Theory and Mathematical Statistics of the Moscow Mathematical Society. Teor. veroiat. i ee prim. 11 no. 1 193-208 '66

Using the theory of probability and mathematical statistics for the analysis of the relation of the acoustic characteristics of concrete with its strength. S. I. Nogin, T. L. Michnik. Stroitel. konstr. no. 3 158-169 '65

PROBATION

Suspended sentence; a letter to D. Milgunov, Assistant to the Procurator. Blud. Verkh. Suda no. 3 46-48 '65.

PROBLEM OF THREE BODIES

Countability of three-particle forces in the relativistic problem of three-body scattering. V. P. Shelest. Dokl. AN SSSR 167 no. 4:799-802 Ap '66.

Problem of three bodies. Complete system of angular functions. I. V. A. Simonov. Izd. fiz. 3 no. 4:630-638 Ap '66.

PROBLEM SOLVING

Some psychological experiments associated with the solution of problems concerning the shortest connection of points in a plane. I. B. Molekus. Izv. AN SSSR, Tekh. kib. no. 3:55-59 My-Je '65

PRODIGIOSAN

Study of the immunogenic and antigenic activity of whale-oil and heated dysentery vaccines combined with prodigiosan. E. S. Gorbunova. Antibiotiki 11 no. 2:154-157 F '66.

PRODUCE TRADE

(see also subdivision under Batumi District, Charkov District, Germany, East, Gorkiy Province, Irkutsk Province, Kiev Province, Klinsky District, Tatar A. S. S. R., Zarysk District)

A new forward contractual agreement. Zakup. sel'khoz. prod. no. 2 2-3 F '66.

New regulations on the purchase of farm produce. P. Rabin, N. Leshchenko. Rad. prava 29 no. 1:71-71 '66.

Procurement news. Zakup. sel'khoz. prod. no. 2 52-53 F '66.

Procurement news. Zakup. sel'khoz. prod. no. 3 10-11 M '63.

Replies to our readers' questions. Zakup. sel'khoz. prod. no. 3 37-36 M '66

PRODUCE TRADE—AUDITING AND INSPECTION

see subdivision under Maritime Territory

PRODUCE TRADE—MANAGEMENT

What makes us happy, and what worries us? A. Valuev. Zakup. sel'khoz. prod. no. 3 12-14 M '66.

PRODUCTION ENGINEERING

(see also subdivision under Armenia)

Important potentiality for the increase of labor productivity. L. I. Zhukov. Mashinostroitel' no. 1 1-5 Ap '66

New technology in manufacturing bodies of electric motors. E. S. Smorodina. Biol. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 19 no. 3: 13-14 M '66.

Reorganization of shops under operating conditions. V. M. Kachan. Mashinostroitel' no. 1 5-6 Ap '66.

Study of the production capacity of equipment with the aid of linear programming, as exemplified by the Novosibirsk Turbogenerator Plant. N. I. Gerasimov. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1 18-22 '66.

PRODUCTION ENGINEERING—MECHANIZATION

Problems in the mechanization and automation of the management of production processes. G. E. Stetsinger. Mekh. i avtom. proizv. 20 no. 3:43-47 M '66

PRODUCTION ENGINEERING—RELIABILITY

Automatic production lines should be reliable and effective. N. M. Budilovskii, M. G. Greshchak. Mekh. i avtom. proizv. 20 no. 4:40-50 Ap '66.

PRODUCTION STANDARDS

Does the graduating student know what "quality of production" means? R. R. Mavlutov, V. T. Polunakov. Vest. vys. shkoly 24 no. 4 24-26 Ap '66.

Establishing work norms and improving production efficiency. I. Shapito. Sots. iud. 11 no. 4 112-122 Ap '66.

Fighting for production quality. V. V. Kulbyshev. Mal. i dok. po ist. stand. no. 2:21-22 '65

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Council of Trade Unions. Sots. iud. 11 no. 4:148-150 Ap '66.

Make wider use of technically substantiated norms. I. I. Chekalev. Put' i put. khoz. 10 no. 3:13 '66.

Production quality. V. V. Kulbyshev. Mal. i dok. po ist. stand. no. 2:17-20 '65.

Role of the establishment of work norms under conditions of technological progress. M. Shor, A. Prigarin. Sots. iud. 11 no. 4 123-128 Ap '66.

Work norms and production quality. M. G. Gintayev. Sots. iud. 11 no. 4 128-132 Ap '66.

PROFIT

The bank and the profit of an enterprise. M. Pessel'. Den. i kred. 24 no. 4:15-23 Ap '66.

How the profit of an enterprise is distributed under the new conditions. G. Granovskii. Fin. SSSR 40 no. 4:74-78 Ap '66.

How to calculate the profitability level of an industrial enterprise. M. Kokonina. Vest. stat. no. 4:51-55 '66.

On profit, profitable production and material self-interest. G. Pestov. Part. zhizn' no. 9:36-39 My '66.

Preliminary analysis of carrying out plans for payments to the budget. M. Litvin. Fin. SSSR 40 no. 4:59-62 Ap '66.

PROGESTERONE

Mechanism of the stimulating action of progesterone on cancer of the mammary glands in rats. N. D. Lagova, V. I. Samoilov, M. G. Goncharova. Probl. endok. i goim. 12 no. 2:97-100 Mr.-Ap '66.

PROGESTERONE—THERAPEUTIC USE

Progesterone treatment of adenomatous-ascitic syndrome in patients with cirrhosis of the liver. V. M. Bezzov, A. S. Loginov. Sov. med. 29 no. 4:50-55 Ap '66.

PROGRAMMED INSTRUCTION

(see also subdivision under Volga Valley)

Increasing the reliability of automatic control. O. I. Denisov. Rad. shk. 14 no. 4:10-51 Ap '66.

Involuntary memory and programmed instruction. H. K. Suzda. Rad. shk. 44 no. 1:42-18 Ap '66.

One more variation of the selection method. A. A. Iankh. Indev. E. G. Chechel'. Vest. v. shkoly 21 no. 1 47-36 Ap '66.

Programmed instruction facilitates the learning of reading and writing. I. P. Lubyeva, M. A. Logel', N. A. Kapustin'skiy. Rad. shk. 41 no. 1:86-91 Ap '66.

Programmed instruction in a psychology course. I. F. Eilnel'skiy. Rad. shk. 44 no. 3:47-51 M '66.

Programming and the use of machines in the process of instruction. O. K. Menkov. Rech. iuzp. 23 no. 1 10-21 M '61

When should we apply the principle of selectivity? G. N. Atyokandrov. Vest. vys. shkoly 21 no. 3:18-51 M '66

PROGRAMMED INSTRUCTION—CONGRESSES

Ukrainian programming specialists suggest. G. I. Tukaich. Vest. vys. shkoly 24 no. 3:50-58 M '66.

PROGRAMMING (ELECTRONIC COMPUTERS)

Akademiya nauk Azerbaidzhan'skoy SSR, Baku Institut kibernetiki. [Collection of standard subprograms for the BESM-2 computer] Sbornik standartnykh podprogramm dlya mashiny BESM-2. Baku, Akad. nauk Azerbaidzhan'skoy SSR, 1965. 60 p. (Standartnye programmy dlya byul'ovskikh i vychislitel'nykh mashin)

Babenko, L. P., and others. [System of automatic programming for the M-20 computer, address language translators] Sistema avtomaticheskogo programmirovaniya dlya mashiny M-20; i translator yadrennogo iazyka. Spravochnik rukovodstva. Kiev, Naukova dumka, 1965 153 p.

Increasing the reliability of program-input devices. G. M. Staroverov. Mekh. i avtom. proizv. 20 no. 1:14-30 Ap '66.

PROGRAMMING (MATHEMATICS)

Using mathematical programming methods in selecting the site and volume of irrigation basins. O. G. Solomonov, N. Sh. Holgashvili. Sborn. AN Gruz. SSR no. 3:75-181 F '66

PROGRAMMING LANGUAGES (ELECTRONIC COMPUTERS)

Method of semantic coding for information language. I. I. Pshenichnaya. NTI no. 1:33-35 '66.

PROJECT METHOD IN TEACHING

Graduating students use computers. I. S. Rapoport. Vest. vys. shkoly 24 no. 3:35-37 M '66.

Hurdles on the path of feasible projects can be eliminated. V. N. Voinichov. Vest. vys. shkoly 21 no. 3:31-33 M '66.

Let's inculcate the new methods in an organized way. A. N. Eronin. Vest. vys. shkoly 24 no. 3:20-30 M '66.

Standardization as a topic of a graduation project. T. A. Vvedenskii. Vest. vys. shkoly 24 no. 3:37-39 M '66.

Standardized project is not for copying. N. K. Zakharenko, A. E. Loginov. Vest. vys. shkoly 24 no. 3:31-35 M '66.

PROJECTION

Bases in spaces of continuous functions on a compact set, and some geometrical problems. V. I. Gerasimov. Izv. AN SSSR, Ser. mat. 30 no. 2 289-306 '66.

Determination of the projection of nebuloscent clouds on the earth's surface. M. A. Dirikis, E. E. Mukhin. Meteor. i aer. no. 12:52-56 '66.

PROJECTORS—DESIGN AND CONSTRUCTION

The F-49 film slide projector. L. Rabyshko. Tekh. iud. 3 no. 3:18 Mr '66.

PROKHOROV, ANATOLII IVANOVICH

Leader of Communists. D. D. Gorbatenko. Vost. protivopoz. obor. no. 4:31-34 Ap '66.

PROLINE—THERAPEUTIC USE

Effect of chloroethylamine derivatives of proline on the growth of transplantable tumors. E. M. Shamirina and others. Vop. onk. 12 no. 4 75-78 '66.

PROMEDOL

Effect of promedol on the resistance to other anesthetics in dogs aged from 1 week to 2 months. G. E. Batiuk, V. K. Bondar'. Farm. i toks. 20 no. 1:403-407 M.-Ag '66.

PROPAGANDA, AMERICAN

Washington's "fourth hand." G. Kolokolov. Az. i Afr. arq. 9 no. 5:28-30 My '66.

PROTECTIVE COATINGS (Continued)

Protection of silver against darkening. B. S. Safinova. 1. I. Nauchn. Zhur. prikl. khim. 38 no. 2:11-143 1965.

Effect of the structure of the film on the properties of the protective coating. V. I. G. Zaitsev. Dokl. Akad. Nauk SSSR 1965.

Effect of the structure of the film on the properties of the protective coating. V. I. G. Zaitsev. Dokl. Akad. Nauk SSSR 1965.

Effect of the structure of the film on the properties of the protective coating. V. I. G. Zaitsev. Dokl. Akad. Nauk SSSR 1965.

Effect of the structure of the film on the properties of the protective coating. V. I. G. Zaitsev. Dokl. Akad. Nauk SSSR 1965.

Effect of the structure of the film on the properties of the protective coating. V. I. G. Zaitsev. Dokl. Akad. Nauk SSSR 1965.

Effect of the structure of the film on the properties of the protective coating. V. I. G. Zaitsev. Dokl. Akad. Nauk SSSR 1965.

Effect of the structure of the film on the properties of the protective coating. V. I. G. Zaitsev. Dokl. Akad. Nauk SSSR 1965.

Effect of the structure of the film on the properties of the protective coating. V. I. G. Zaitsev. Dokl. Akad. Nauk SSSR 1965.

Effect of the structure of the film on the properties of the protective coating. V. I. G. Zaitsev. Dokl. Akad. Nauk SSSR 1965.

PROTECTIVE COATINGS—STANDARDS

[Protective coatings] Zashchitnye pokrytiya. Izd. obshchestvennoy Moskva, Izd-vo Standartov, 1965. 47 p. (USSR. Gosudarstvennye standarty)

PROTECTIVE COATINGS—TESTING

Changes in the physicochemical properties of paint coatings due to atmospheric conditions. S. N. Kazarnovskii, G. M. Molodtsova. Trudy TSNII MPS no. 305:52-74 '66.

Comparative evaluation of the protective properties of bituminous and bitumen-epoxy coatings. V. E. Pogoda, I. U. N. Molodtsova. Dokl. Akad. Nauk SSSR 1965.

Effect of the type and gas permeability of polymeric films on their properties. S. N. Kazarnovskii, I. U. N. Molodtsova, I. I. Zubov. Dokl. Akad. Nauk SSSR 1965.

Physicochemical properties of roller coatings and the effect of size and mill hulling. N. A. Ilyitskii and others. Izv. vuzov. Zav. pishch. tekhn. no. 2:97-96 '66.

Some problems of the aging of paint coatings. S. N. Kazarnovskii. Trudy TSNII MPS no. 306:5-19 '66.

Testing of paint coatings for the anticorrosive protection of apparatus in seawater. B. A. Osipovskii, I. U. N. Molodtsova, T. I. Maslennikova. Dokl. Akad. Nauk SSSR 1965.

Time-temperature strength and breaking elongations of polyethylene films. G. I. Krut's, A. T. Sanzharovskii, P. I. Zubov. Fiz. zhur. 38 no. 2:212-216 Mr.-Ap '66.

PROTECTIVE CLOTHING see Clothing, Protective

PROTEIN METABOLISM

Deoxyribonucleic acid and protein content in the tumor C-37 of mice at different stages of its development. M. L. Elinova, G. S. Degtyareva. Vop. onk. 10 no. 11:81-83 '64.

Kremer, U. N. [Biochemistry of protein nutrition, anabolic effects of nutritive protein and the factors determining them] Biokhimiya belkovogo pitaniya, anabolicheskie efekty pishchevogo belka i opredelivayushchie ikh faktory. Riga, Zinatne, 1965. 467 p.

Significance of the changes in protein-lipid metabolism in experimental rickets. P. A. Korashvili. Soob. AN Gruz. SSR 41 no. 2:463-470 '66.

Some indices of protein metabolism in an acute B₁₂-avitaminosis on following day after the administration of oxythiamine in large doses. I. U. N. Ostrovskii and others. Ukr. biokhim. zhur. 38 no. 2:172-177 '66.

Study of protein synthesis in the liver in experimental brucellosis. N. A. Grekova. Veterinarlia 42 no. 3:111-112 Mr. '66.

PROTEINASES

Study of the resistance of the inhibitors of proteinases in white bean. M. P. Chernikov, E. P. Abramova. Vopr. pil. 25 no. 2:59-64 Mr.-Ap '66.

PROTEINS

Amino acid composition of the protein fractions of fish muscle juice. V. V. Bal', L. A. Melnikova, V. I. Tur'ova. Izv. vuzov. Zav. pishch. tekhn. no. 2:51-53 '66.

Biochemical aspects of protein synthesis. K. M. Stankin, K. L. Gladilin. Usp. biol. khim. 7:3-66 '65.

Biochemical process of the oxidation of petroleum fractions. V. M. Medvedev and others. Khim. i tekhn. topol. i masel 10 no. 4:31-35 Ap '65.

Blood picture and reserve alkalinity in rabbits following the use of gonadostimulin under conditions of hypoproteinemia. T. T. Takhautimov, P. A. Karamanova. Uch. zap. KVI 93:211-215 '64.

Changes in the fractional composition of nitrogen-containing substances of soybeans occurring during their drying in a fluidized bed. V. M. Kopylovskii, L. A. Karhevtseva. Mirov. zhurn. prikl. 32 no. 3:14-16 Mr. '65.

Effect of acrylamide on the early stages of protein biosynthesis in the cells of tissue cultures. U. A. Litvinova, A. V. Zelenin. Vopr. med. khim. 12 no. 2:218-220 '64.

Effect of hypoproteinemia on the reproductive function and general condition of cattle. A. I. Pashkovskii. Uch. zap. KVI 93:194-206 '64.

Effect of mineral fertilizers on the yield and protein content in mixtures of winter crops with legumes. V. A. Paskal. Izv. vuzov. Zav. pishch. tekhn. no. 2:27-28 '66.

Method of chromatography on thin adsorbent layers and its use in protein analysis. V. B. Larukhin, S. A. Kibardin. Ukr. biokhim. zhur. 38 no. 2:212-215 '66.

Possible physical mechanisms of the thermoluminescence of some aromatic amino acids and proteins. A. K. Kuzashkin, A. N. Kuznetsov. Biofizika 11 no. 2:223-227 '65.

Sorption method for studying interrelationships between the electrochemical structure of proteins and their secondary and tertiary structures. G. V. Samsonov, R. B. Ponomareva, L. P. Shandalyova. Biokhimiya 31 no. 1:8-12 Ja.-F '66.

Use of mineral fertilizers for the enrichment of forage crops with proteins. V. A. Paskal. Izv. vuzov. Zav. pishch. tekhn. no. 1:17-26 '65.

PROTEINS—SPECTRA

Study of initial photochemical processes in proteins. Report No. 4. Luminescence spectra of initial and final photoproducts of aromatic amino acids and proteins. I. U. N. Molodtsova, G. A. Kic-Kic [Kic-Ai-K'ic], D. I. Roshchupkin. Biofizika 11 no. 2:237-244 '66.

PROTEINS IN THE BODY

Effect of actinomycin on the synthesis of collagen and other proteins in the connective tissue of implanted sponges and in the cartilaginous tissue of chick embryos. V. I. Mazurov. Biokhimiya 31 no. 1:212-223 Ja.-F '66.

Effect of muscular activity on the content of sarcoplasmic muscle proteins and blood serum proteins in an aging organism. A. F. Krasnova. Ukr. biokhim. zhur. 38 no. 2:136-141 '66.

Effect of whole-body X-ray irradiation on soluble proteins of the skeletal muscles. A. M. Makhlin. Radiobiologiya 6 no. 2:174-178 '66.

Electrophoretic and immunoelectrophoretic study of the protein composition of the intestinal juice in dogs following resection of the stomach. A. S. Pashkov, A. V. Afanasyeva. Bul. eksp. i klin. med. 61 no. 3:39-43 Mr. '66.

Electrophoretic study of sarcoplasmic proteins and lipoproteins in the myocardium of chick embryos. D. Khristov, Z. Rashev, S. Khadzhirusev. Ukr. biokhim. zhur. 38 no. 2:142-147 '66.

Study of protein fractions in the blood serum in healthy and sterile women with normal and disturbed menstruation cycle. V. I. Bablida. Soob. AN Gruz. SSR 41 no. 3:581-586 Mr. '66.

Study of the content of protein in the humor of the camera oculi anterior in rabbits following the implantation of acrylic lenses. E. G. Antonova. Spoz. stud. vruch. 1ab. Arh. gos. med. inst. no. 2:53 '63.

PROTOCHLOROPHYLL

Photoreduction of protochlorophyll and protopheophytin. M. I. Bystraya, A. V. Umrikhina, A. A. Krasnovskii. Biokhimiya 31 no. 1:83-92 Ja.-P '66.

PROTONS

Charge exchange of protons in inert gases involving the formation of fast hydrogen atoms in the 2s and 2p states. E. P. Andreev, V. A. Ankudinov, S. V. Bobashev. Zhur. eksp. i teort. fiz. 50 no. 3:565-575 Mr. '66.

Coherent interaction of high-energy protons with complex nuclei. Sh. Abdurhamilov and others. Izd. fiz. 3 no. 4:657-662 Ap '66.

Elastic scattering of Δ -hyperons with a mean momentum of 2.7 Gev/c on protons. V. F. Vishnevskii and others. Izd. fiz. 3 no. 4:697-702 Ap '66.

The reaction $p(p, \pi^0)Be^8$ involving polarized 130-300 KeV protons. B. P. Adiashevich, V. G. Antonenko. Izd. fiz. 3 no. 4:649-651 Ap '66.

PROTOPHOTOPHYTIN

Photoreduction of protochlorophyll and protopheophytin. M. I. Bystraya, A. V. Umrikhina, A. A. Krasnovskii. Biokhimiya 31 no. 1:83-92 Ja.-F '66.

PROTOPLASM—CONGRESSES

All-Union symposium on the problem "Protoplasmic membranes and their functional role." D. A. Vasylenko, R. H. Skibo. Fiziol. zhur. [Ukr.] 10 no. 6:832-833 N-D '64.

PROTOPOPOV, SERGEI DAVLOVICH, 1898-

S. P. Protodopov, on his 70th birthday. Khim. i tekhn. 4 no. 4:154-155 Ap '66.

PROTOZOA

(See also subcategory under South American Hematophagous) Ciliates in eggs of *Neophylla californica* M. T. A. Kozlov. Dokl. AN Tadjik SSR 9 no. 2:17-18 '64.

PROVERBS

Proverbs and sayings on the human nature of knowledge. Book 1. P. Lebedev. Vopr. knizh. 6 no. 1:11 Mr. '66.

PRURITUS

Skin pruritus. V. S. Dybko. Sov. med. 26 no. 1:1-12 '66.

PSELTENS

Bible, N. T. Russian, 1955. [Georgian, L. S., Jeyan. Ildingia, the New Testament of Our Lord Jesus Christ. From the original text published with the blessing of the Holy Synod with a book of psalms as a supplement] Evangelie, to est' "Bhagata vent" [In Novyi Zavet Gosposda Nashnego Iisusa Khrista, S. peremachal'my, teksta, izdannogo po blagovoleniyu Sv. Sinoda i po blagovoleniyu knigi psalmov. Izd. 3. Washington, 1954. Russian Bibleiskoe ob-vo, [1955] 473, 123, 360 p.] (MID)

PSEUDOCHELINESTERASE

Determining pseudocholinesterase in the blood of rabbits. G. A. Kashafutdinov. Uch. zap. KVI 92:410-412 '64.

PSEUDOMONAS

Pseudomonas infections in animals. B. A. Likhachev. Uch. zap. KVI 90:100-106 '63.

PSEUDOMONAS—CULTURES AND CULTURE MEDIA

Accumulation of free extracellular ammonia in dogs by *Pseudomonas fluorescens* culture. V. N. Shapovalov, I. G. Orlov. Dokl. AN SSSR 161 no. 1:100-101 Ap '64.

PSEUDORHIES

Evaluating precipitation reaction in agar gel for the laboratory diagnosis of Aujeszky's disease in swine. A. I. Glekhov. Trudy AZVI 13:78-86 '64.

PSEUDOURA

Antibacterial effect of cytosine and aminocytosine. V. P. Aktinov. Zhur. mikrobiol., 1961. Immun. 43 no. 1:153 Mr. '66.

Effect of cytosine and 5-fluorocytosine on the growth of the deoxy. *Branha kosa* (activity in relation to the growth of rats, irradiated with 750 and 1000 r). B. I. Likhachev. Radiobiologiya 6 no. 2:166-169 '66.

PSKOV—GUIDEBOOKS

Al'mukhamedov, I. A. N., and others. [Pskov: a manual for tourists] Pskov, pskovskii dlia turistov. [Leningrad] Leningrad, 1965. 130 p.

PSKOV PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Archaeological monuments of ancient Izhorek. G. I. Gerasimov. Arkheol. obozr. [Leningrad] no. 7:35-38 '66.

PSKOV PROVINCE—FARM MECHANIZATION

Keys to a billion. Georgii Vorobiev. Part. zhizn' 11:14-17-64 My '66.

PSYCHIC, IAROSLAV VASYL'OVYCH, 1878-1910

Psich, M. P. [Iaroslav Vasylovych Psich. (Kyiv, Mystetstvo, 1900) 67 p. illus.

PSYCHIATRIC HOSPITALS—OUTPATIENT SERVICES

Zenevich, G. V. [Problems of outpatient service for patients with mental and nervous diseases] Voprosy dispanserizatsii psichicheskoi i nervnoboibnykh. [Leningrad] Meditsina, 1966. 223 p. (Biblioteka vracha organizatora) (DNLM)

PSYCHIATRY—HANDBOOKS, MANUALS, ETC.

Banshchikov, V. M., V. S. Guskov, and I. F. Mlagkov. [Practical handbook on psychiatry for students of medical institutes] Psichicheskoe rukovodstvo po psichicheskoi dlia studentov meditsinskikh institutov. Moskva, Paivyi mosk. med. in-1 in. I. M. Sochenova, 1966. 194 p. (DNLM)

PSYCHOLOGY

Bochorishvili, A. T. [Psychologism and antipsychologism in psychology] Psichichologizm i antipsichichologizm v psichichologii. Tbilisi, Metenleroba. [In Georgian] Vol. 1. 1965. 141 p.

PSYCHOPHARMACOLOGY

Use of elementary defense conditioned reflexes in a comparative evaluation of psychopharmacological agents
B. I. Likhachev, *Fiziol. dokl.* 28 no. 1:309-402 J1-14 '65

PSYCHOSES

Psychology of encephaloidism A. I. Belkin, N. V. Shumilova, *Zhur. nevrol. psikh.* 66 no. 3:110-115 '66
Ultrastructure of microglial elements of the human brain in schizophrenia and some other mental diseases
M. I. Glozel, *Vest. AMN SSSR* 21 no. 3:10-16 '66.

PSYCHOTROPIC DRUGS see Psychopharmacology

PUBLIC BUILDINGS—DESIGN AND CONSTRUCTION

Present day methods of designing large public buildings
N. Pekareva, *Arkh. SSSR* no. 1:25-33 '66.

PUBLIC DEBTS see Debts, Public

PUBLIC EXPENDITURES see Expenditures, Public

PUBLIC HEALTH

(see also subdivision under Underdeveloped Areas)
Standardization in the field of public health, N. A. Semashko, *Mat. dokl. po ist. stand.* no. 2:25-27 '65.

PUBLIC OPINION see subdivision under Philippines

PUBLIC PROSECUTORS

(see also subdivision under Slavyansk, Ukraine, Stry, Ukraine, Tatar A. S. R.)
For a stricter supervision of the pretrial investigation and examination of criminal cases by public prosecutors
M. Samalev, *Rad. pravo* 29 no. 1:12-16 Ap '66.
From the supervisory work of public prosecutors
Rad. pravo 29 no. 4:97 Ap '66.

PUBLISHERS AND AUTHORS see Authors and publishers

PUBLISHERS AND PUBLISHING see subdivision under Rumania, Ukraine

PULMONUM DISEASE

Studying the comparative action of furazolidone and propolis in the prophylaxis of pulmonary disease in chicks
S. G. Pokrovskii, V. G. Ruzanova, *Uch. zap. KVI* 90:208-212 '61

PULMONARY ARTERY

Compression of the pulmonary artery in tumors of the anterior mediastinum, F. L. Feofilov, E. S. Shafar, *Khirurg. dia* 42 no. 4:114-116 Ap '65.

PULMONARY CIRCULATION—DISEASES

Vascular changes in chronic suppurative processes of the lungs complicated by hemorrhage, A. V. Grigor'yan and others, *Grud. khir.* 8 no. 1:61-66 Jan-F '66.

PULMONARY FIBROSIS

Methodology of bronchoscope and bronchographic examination under anesthesia with controlled respiration in children with pulmonary tuberculosis and pneumosclerosis, M. V. Shesterina and others, *Sov. med.* 29 no. 3:42-45 Mr '66.

PULMONARY FUNCTION TESTS

Determination of the equality of air distribution in the lungs using the oxygen method, B. P. Pivarskii, *Sov. med.* 29 no. 4:21-24 Ap '66.

PULPY KIDNEY DISEASE OF LAMBS see subdivision under Alma-Ata Province

PULSE CIRCUITS

Analysis of the transmission of pulse signals in a circuit of uniform shaping stages, V. K. Levin, B. N. Fainzulin, *Rad. tekhnika* 21 no. 4:50-61 Ap '66
Parallel connection of a tunnel diode and an inverted diode in impulse devices, M. I. Andreev, *Rad. tekhnika* 21 no. 4:62-67 Ap '66.

PULSE TECHNIQUES (ELECTRONICS)

Borch-Bruovich, A. M. [Radio electronics in experimental physics] *Rad. tekhnika v eksperimental'noi fizike*, Moskva, Nauka, 1966, 768 p.

High-frequency pulse indicator, V. A. Petrov, V. M. Svetlichnyi, *Izv. vys. uchob. zav. i rad. tekhn.* 9 no. 1:132-133 Ja-F '66.

Measurement of the duration of impulses using electronic counter-type frequency meters, L. A. Sukman, *Vest. svyazi* 28 no. 2:16-17 F '66.

Method for the conversion of binary code signals into a current, G. M. Butaev, *Avtom. i telemekh.* no. 3:148-152 '66.

Noise immunity of pulse systems of transmission of Markovian random signals, N. K. Kul'man, *Vest. Mosk. un. Ser. 3: Fiz., astron.* 21 no. 2:21-34 Mr-Apr '66.

Optimal characteristics of a constant receiver, V. F. Nesteruk, N. N. Porfir'eva, *Rad. tekhnika* 21 no. 4:76-78 Ap '66.

Transient processes in RF pulse integrators, F. F. Kleba, *Elektronika* 20 no. 1:51-55 Ap '66.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

(see also subdivision under Poland)

Experience in the operation of PC-500-160 feed pumps, V. A. Mokin and others, *Energetik* 14 no. 4:10-11 Ap '66.

Increasing the operational reliability of a 6Gr-6m2 type slag pump, F. S. Mikholap, V. D. Degtiarev, *Energetik* 14 no. 4:21 Ap '66.

Phonometric pump for oil-spray hardening, V. I. Dmitriev, L. S. Kosinov, *Buil. tekhn. ekon. inform. Gos. nauch. i issl. inst. mash. i tekhn. inform.* 10 no. 3:1-22 Mr '66.

Some shortcomings of the control stations of large sinking pumps, I. A. I. Gavrilov, A. P. Ivanov, V. I. Iur'svaig, *Pr. om. energ.* 21 no. 1:33-35 Ap '66.

Study of the operation of pumps and air blowers in low supply conditions, V. I. Polikovskii, A. A. Levin, *Teplotekhnika* 13 no. 3:19-53 Mr '66.

Theory of the vibropump, O. E. Tsynekova, *Izv. AN SSSR. Mekh. zhid. i gaz.* no. 1:171-175 Ja-F '66.

Vibrator water supply systems, V. S. Lukinskii, *Zhelezn. d. transp.* 48 no. 1:51-53 Ap '65.

PUMPING MACHINERY—ABSTRACTS

[Journal of abstracts. Manufacture of pumps and components] *Ref. zhur. Masosov. i kompiyut. obrab.* nos. 3-4 Mr-Apr '66.

PUMPING MACHINERY, ELECTRIC

Automatic control of the regulation of feed pumps
I. P. Lashchinskii, *Elek. stat.* 36 no. 7:73-74 J1 '65.

PUMPING STATIONS

(see also subdivision under Tajikistan)

Economic justification for telemechanizing line structures of petroleum products pipelines, A. I. Vladimirov, B. B. Ben'kaminov, *Transp. i khar. nef. i nefteprod.* no. 1:6-10 '66.

Investigating the performance of pumping aggregates and automation system of pumping stations of petroleum pipelines, S. P. Adamovich, P. A. Moroz, B. M. Prokhorov, *Transp. i khar. nef. i nefteprod.* no. 9:7-11 '65.

PUMPKIN SEED—THERAPEUTIC USE

Antihelmintic activity of the concentrated "vitaminol" preparation cucurbitin derived from seeds of the variety, A. I. Tarasova, A. M. Pavlova, *Farm. izv.* 28 no. 4:177-180 J1-Ag '65.

PUNCHED CARD SYSTEMS

(see also subdivision under Komsomolets)

Economic efficiency of using electronic computers in accounting, Z. Kh. Yanova, *Nauch. dokl. vys. shkoly, ekon. nauk* 9 no. 2:112-117 '66.

Information searching system under the head "Adhesion of polymers" on punch cards with edge punching, V. F. Babin, *Zov. lab.* 31 no. 7:853 '65.

Use of a little code for cards with two-row border perforation, G. F. Porharskii, L. F. Porharskii, *NTI* no. 2:28-29 '66.

Using punched cards in operating program controlled machine tools, V. K. Karasev, *Stan. i instr.* 37 no. 4:22-23 Ap '66.

PUNCHED CARD SYSTEMS—EDUCATION

Punch cards help to record the students' progress, V. I. A. Nikonov, *Vest. vys. shkoly* 24 no. 4:77-80 Ap '66.

PUNCHED CARD SYSTEMS—GEOLOGY

Using punched cards for the systematization of information about geology, V. G. Prokhorov, *NTI* no. 2:12-13 '66.

PUNCHED CARD SYSTEMS—MINERALOGY

Physical characteristics of rocks and minerals, V. N. Dakhnov, *Trudy MINKHGP* no. 56:103-104 '66.

PUNCHED CARD SYSTEMS—PETROLOGY

Physical characteristics of rocks and minerals, V. N. Dakhnov, *Trudy MINKHGP* no. 56:103-104 '66.

PUNCHED CARD SYSTEMS—ULTRASONIC TESTING

Using punched cards to gather and process the results of various methods of control, L. I. Kuz'mina, A. K. Gurvich, *Detekoskopiya* 2 no. 1:21-24 '66.

PUNCHED CARD SYSTEMS—VACUUM APPARATUS

Processing of statistical indices of the quality of electric vacuum devices on punched card machines, G. Kozlova, *Vest. stat.* no. 4:74-75 '66.

PUNCHED CARD SYSTEMS—WELDING

Mechanization of planning calculations in welding, V. B. Liberman, *Svar. prof. izv.* no. 5:25-26 My '65.

PURCHASING POWER see subdivision under Georgia

PURPURA (PATHOLOGY)

Milashkova, A. G. [Werthof's disease] *Bolezni Ver'gola. Pod red. I. A. Kumpel'makhera, [Sveidlovsk] Sredne-Ural'skoe knizhnoe izd-vo, 1964. 132 p. Table (insert) (DNLA)*

PUSHKIN, ALEXANDR SERGEEVICH, 1799-1837

Akademika nauk SSSR. Institut russkoi literatury. [Pushkin] results and problems of research [Pushkin; logi i problemy izucheniya Kollektivnaya monografiya pod red. B. P. Gorodetskogo, N. V. Izmailova, D. S. Melnikova. Moskva, Nauka, 1966. 662 p.

Akademika nauk SSSR. Pushkinskaya komissiya.

[Chronicle of the Pushkin Committee, 1963] *Vremennik Pushkinskoi komissii, 1963. Moskva, Nauka, 1966. 122 p.*

Lezhnev, A. Z. [Prose of Pushkin; an experiment in the study of style] *Pis'ma Pushkina, opyt stichovogo issledovaniya. Izd. 2. Moskva, Khudozhestvennaya literatura, 1966. 202 p.*

Notes made at the readings and rehearsals of "Bois Godyunov," V. I. Melnikova, *Tsita* 27 no. 3:79-90 Mr '66.

Pushkin, A. S. [Complete collected works in ten volumes] *Polnoe sobranie sochinenii v desyati tomakh. Izd. 5. Moskva, Nauka. Vol. 10. [Letters] Pis'ma, 1966. 900 p.*

V. I. Melnikova and "Bois Godyunov." A. Fevskii, *Tsita* 27 no. 3:91-92 Mr '66.

PUSHKIN, ALEXANDR SERGEEVICH, 1799-1837—

ILLUSTRATIONS
New illustrations for Russian classics, I. U. Pimenov, *Nov. mir* 42 no. 2:261-265 F '66.

PUSTOVOIT, V. S., 1880-

Academician V. S. Pustovoit's 80th birthday, *Vest. AN SSSR* 36 no. 3:106 Mr '66.

PYATIGORSK—BUSH FEA

Alkaloids of *Thermopsis lupuloides*, A. D. Dauksha, E. K. Denisova, *Rast. res.* 2 no. 1:50-52 '66.

PYATIGORSK—HEALTH RESORTS, WATERING PLACES, ETC.

Balnotherapy at Yessentuki and Pyatigorsk in hypertension combined with some other diseases, T. I. Chukhova and others, *Vop. kur. i fizioter. i lech. fiz. kul't.* 31 no. 1:56-60 '66.

Effectiveness of prolonged health-resort treatment of polyomyelitis patients with diffuse paralyzes, E. V. Shukhova, N. M. Kubasova, *Vop. kur. i fizioter. i lech. fiz. kul't.* 31 no. 1:53-56 '66.

Effectiveness of treating children with sequelae of spinal polyomyelitis at the Pyatigorsk Health Resort, E. V. Shukhova and others, *Vop. kur. i fizioter. i lech. fiz. kul't.* 30 no. 2:143-146 Mr-Apr '65.

PYATIGORSK—MINERAL WATERS

Absorptive function of the intestine following intake of mineral water, I. U. K. Vasilenko, *Vop. kur. i fizioter. i lech. fiz. kul't.* 31 no. 1:37-40 '66.

PYCNOMETER

Vacuum two-capillary pycnometer for measuring the density of metallic melts, Kh. I. Ibragimov, N. L. Pokrovskii, P. P. Pugachevich, *Zhur. fiz. khim.* 40 no. 4:937-958 Ap '66.

PYRANONES

Derivatives of β -dicarbonyl compounds, Part 8: β -carbethoxy- α -pyrone and its homologs, Z. I. Shramova, V. G. Vinokurov, A. F. Skoldinov, *Zhur. org. khim.* 2 no. 2, 340-350 F '66.

PYRAZOLINONE

Complex compounds of rare-earth ions with 1-phenyl-3-methyl- and 1-lyl-3-methyl-5-pyrazolones, M. A. Tishchenko and others, *Zhur. neorg. khim.* 11 no. 2:363-368 F '66.

PYRIDINE

Complex compound of copper (II) with homologs of pyridine and their electron paramagnetic resonance spectra, I. V. Mitroshchenko and others, *Zhur. neorg. khim.* 11 no. 2:331-334 F '66.

Formation of radicals by the reaction of hydroperoxide with pyridine, N. V. Zolotareva, E. T. Denisov, *Izv. AN SSSR. Ser. khim.* no. 4:737-768 '66.

Mass spectra and structure of alkylpyridines, R. A. Shmel'ntskii and others, *Dokl. AN SSSR* 167 no. 5:1086-1088 Ap '66.

PYRIDINE (Continued)

- Reaction of pyridine in the hydrocarboxylation of alkenes
M. S. Ibragimov, D. M. Ruz'kovskii, Zhur. org. khim. 2
no. 2 231-235 F '65
- Washing-out of metal ions from sulfonated cationites
by pyridine hydrochloride solutions A. I. Zhukov, V. M.
Makarov, I. U. P. Surokin, Zhur. prikl. khim. 39 no. 1
113-119 Ja '66

PYRIDINE BASES

- Determining phenol content of raw light pyridine bases
by means of extraction E. M. Gepshteyn, Khim. i
khim. no. 3 33-40 '66

PYRIDINECARBOXYLIC ACID—SPECTRA

- Ultraviolet absorption spectra of pharmaceuticals,
derivatives of pyridinecarboxylic acids R. M. Pinazh-
ko, Farmat. i. khim. 20 no. 2 18-22 '65

PYRIDINIUM COMPOUNDS

- Initiation mechanism of polymerization in the presence
of the system peroxide - alkyl pyridinium halide in
alkaline media S. N. Trubitsyna, M. F. Margaritova,
M. S. Proskakov, Vysokom. soed. 8 no. 3 532-535 Mr
'66

PYRIDOXAMINE

- Optic and luminescent properties of vitamin B₆ and its
derivatives Report No. 3, Pyridoxamine and pyridox-
amine-5-phosphate I. U. V. Morozov and others Biokhimi-
ka 11 no. 2 228-236 '66

PYRIDOXINE

- New color reaction for vitamin B₆ and its spectrophoto-
metric study A. M. Aliev, Apt. delo 13 no. 6 31-37 N-D
'64
- Physiological characteristics of vitamin B₆ metabolism
in normal children M. V. Malina, Vop. pit. 25
no. 2 82-83 Mr-Apr '66

PYRIMIDINE

- Role of amino group of the thiamine pyrimidine component
in the mechanism of vitamin deposition in tissues
I. U. M. Ostrovskii, Biokhimiya 31 no. 1 50-58 Ja-F '66
- Some derivatives of dihydropyrimidine A. E. Kretov,
N. D. Borodajko, Zhur. org. khim. 2 no. 2 354-366
F '65

PYRITES

- (see also subdivision under Tajikistan)
- Determination of pyrite in coal shales E. S. Zaimanzon,
G. L. Kiseleva, M. G. Sumenova, Lit. i pol. iskop.
no. 2 148-150 Mr-Apr '66
- Rapid determination of pyrite sulfur in brown coals,
V. I. Volokhova, Zav. lab. 31 no. 6 675 '65

PYROCERAMICS

- Studying recuperators made of pyroceramic tubes O. R.
Matveev, G. F. Degtev, Kuz.-shtam. prom. 8 no. 3,
39-42 Mr '66
- Use of pyroceramic filament guides in the machinery for
the processing of synthetic fibers N. V. Mikhno and
others, Khim. volok. no. 2 67-68 '66

PYROLYSIS

- Effect of free oxygen on the yield of liquid products in
wood pyrolysis E. D. Levin, N. A. Chuprova, G. A. Malkov,
Gidroliz. i. lesokhim. prom. 19 no. 3 15-16 '66
- Ethane pyrolysis in a total displacement tubular reactor,
I. V. Feigin and others, Neftekhimika 5 no. 2 217-225

PYROPHOSPHATES

- Interaction of gadolinium chloride with pyrophosphate
ions I. V. Tananayev, S. M. Petushkova, Zhur. neorg.
khim. 11 no. 2 282-285 F '66

PYROXENES

- Pyroxene formation in the system CaO - MgO - SiO₂ +
(R₂O, R₂O₃) L. A. Zhurina and others, Vestn. AN
BSSR, Ser. Khim. nov. no. 1 52-63 '65

PYROXENITE

- Possibility of scandium separation from pyroxenites,
L. N. Komissarova, L. T. Borisenko, V. M. Shatekil,
Zhur. prikl. khim. 38 no. 2 241-244 F '65

PYRROLE

- Free imino radicals in the hydrogenated pyrrole series,
E. G. Rozantsev, L. A. Krut'kova, M. B. Neiman, Izv.
AN SSSR Ser. Khim. no. 1 675-679 '66

PYRUVIC ACID

- Catalytic monoene synthesis with carbonyl compounds.
Addition of isobutylene to glyoxylic and pyruvic acid
esters E. Khimova, I. U. Aibuzov, Dokl. AN SSSR
167 no. 5 1060-1062 Ap '66

- Lactic and pyruvic acid consumption by the myocardium
under artificial blood supply E. P. Stepanov, E. L.
Gerasimovich, D. D. Betshtadenko, Dokl. AN SSSR 167
no. 5 1205-1207 Ap '66

- Phosphoenol pyruvic acid synthesis, its regulation and
significance in gluconeogenesis V. S. Il'in, M. S.
Usatenko, Usp. biol. khim. 7 196-209 '65

PYRUVIC DEHYDROGENASE

- Division of muscular pyruvic dehydrogenase into 3 compo-
nents A. A. Glaznina, L. S. Zil'ber, Vop. med. khim.
12 no. 2 217-218 Mr-Apr '66
- Effect of 2,4-dinitrophenol on the activity of pyruvic
dehydrogenase I. U. M. Ostrovskii, L. A. Makarova,
Kibib. Dokl. AN BSSR 10 no. 3 206-209 Mi '66

QUACK GRASS

- Use of sodium trichloroacetate against quack grass in
fiber flax fields N. G. Abramov, R. G. Kopletova, Khim.
v sel'. khoz. no. 4 41-43 Ap '66

QUADRATIC FORMS see Forms, Quadratic

QUADRATURE FORMULA

- Use of the mechanical quadrature method in determining
the accuracy of computing the characteristic numbers
of an integral equation I. P. Mysovskikh, Metod. vych.
no. 3 13-21 '66

QUALITY CONTROL

- Comprehensive evaluation of the quality of industrial
products M. Fedorov, Tekhn. est. 3 no. 3 24-30 Mi
'66
- The demands of our times I. Omarov, Nar. khoz. Kazakh.
23 no. 2 12-16 Ja '65
- Opinion of the experts from various countries concerning
the criteria of quality evaluation in industrial production,
Tekhn. est. 3 no. 3 2-5 Mi '66
- Shipyard machinery manufacturers are sharing their ex-
perience with the shipyards I. V. Tishkovets, V. M.
Alekseev, Sudostroyeniye 30 no. 6 49-52 Je '64
- Standards and quality E. Bul'ba, Inform. biul. VDNKH
no. 3-9 Mr '66
- Work norms and production quality M. Giltanov
Sots. i. ind. 11 no. 4 128-132 Ap '66

QUANTUM CHEMISTRY

- Two-quantum photochemical processes of the formation
of radicals and cation radicals, Kh. S. Bagdasar'yan,
Zhur. VkhO 11 no. 2 216-223 '66

QUANTUM ELECTRODYNAMICS

- Angular distribution of bremsstrahlung making allowance
for the Landau - Pomeranchuk effect N. P. Kalashni-
kov, M. I. Rytanov, Zhur. eksp. i teor. fiz. 50 no. 3,
791-794 Mr '66
- Induced radiation at high photon densities B. I. Bondarev,
Izv. vuz. ucheb. zav. radiofiz. 8 no. 6 1155-1158 '65
- Mass formulae in the theory of the neutral vector meson,
V. V. Sokolov, Izd. fiz. 3 no. 4 765-777 Ap '66
- Radiation of polarized electrons at low energy levels in a
magnetic field V. G. Bagrov, O. P. Dorofeev, Vestn.
Mosk. un. Ser. 3: Fiz., astron. 21 no. 2 97-101 Mr-Apr
'66
- Some selection rules for the annihilation of polarized
fermions I. B. Khriplovich, Izd. fiz. 3 no. 4 762-764
Ap '66

QUANTUM ELECTRONICS

- Statistical properties of incoherent light V. S. Letokhov,
Zhur. eksp. i teor. fiz. 50 no. 3 765-768 Mr '66

QUANTUM FIELD THEORY

- Calculating the electron energy spectrum of a solid
body in quantum field theory A. N. Kushnirenko,
Dop. AN USSR no. 2 166-174 '66

- Electron spectrum in a one-dimensional system with
randomly distributed scattering centers B. A. Dykhne,
A. M. Dykhne, Pis'm. v red. Zhur. eksp. i teor. fiz. 3
no. 8 313-316 Ap '66

- Heat capacity of thin superconducting films in a magnetic
field I. U. N. Ovchinnikov, Zhur. eksp. i teor. fiz. 50
no. 3 795-798 Mi '66

- Interaction of a quantized electromagnetic field with a
spatial oscillator B. A. L'nov, A. N. Sifonov, Vestn.
Mosk. un. Ser. 3: Fiz., astron. 21 no. 2 111-112 Mi-Apr
'66

- The Josephson tunnel effect in superconductors contain-
ing paramagnetic impurities I. O. Kulik, Zhur. eksp.
i teor. fiz. 50 no. 3 790-806 Mr '66

- Possibility of phenomena of the superconductivity type in
a one-dimensional system I. U. A. Rychkov, L. P.
Gov'kov, I. E. Dzhaloshinski, Zhur. eksp. i teor. fiz.
50 no. 3 738-750 Mi '66

- Stability of a lattice with a nonphonon superconducting
mechanism I. U. Balkin, D. I. Khomskii, Pis'm.
v red. Zhur. eksp. i teor. fiz. 3 no. 7 281-284 Mi-Apr
'66

- Theory of optical absorption in crystals placed in external
fields I. A. Rozent'ina, Vestn. Mosk. un. Ser. 3: Fiz.,
astron. 21 no. 2 14-20 Mr-Apr '66

- Theory of the dispersion relations M. I. Perelman,
Zhur. eksp. i teor. fiz. 50 no. 3 611-625 Mi '66

- Theory of thermal diffusion of Brownian particles A. F.
Efros, Zhur. eksp. i teor. fiz. 50 no. 3 809-817 Mi
'66

- Theory of transverse complex paramagnetic susceptibility,
D. I. Kadyrov, Zhur. eksp. i teor. fiz. 50 no. 4
789-794 Mi '66

- Zero sound oscillations in a system of interacting boson
particles and fermion particles A. M. Badalov, L. A.
Maksimov, Zhur. eksp. i teor. fiz. 50 no. 3 781-790
Mi '66

QUANTUM THEORY

- Application of SU(3) symmetry to multiple meson produc-
tion E. I. Dalhog, Pis'm. v red. Zhur. eksp. i teor. fiz.
3 no. 6 237-240 Mr '66

- Bagchovskii, B. U. [Fundamentals of quantum opti-
cal lectures for third-year students of any major,
except E and ES, and second-year students majoring
in E and ES] Osnovy kvantovoi optiki, lektsii dlia
studentov III kursa vakh spetsial'nostei, kurne E i
ES, i studentov II kursa spetsial'nostei E i ES.
Moskva, Vses. zaochnyi in-t Inzhenerov zhuk-doi.
transporta, 1965. 30 p.

- Charge exchange of protons in inert gases involving the
formation of fast hydrogen atoms in the 2s and 2p
states E. P. Andreev, V. A. Anisimov, S. V. Dolobov,
Zhur. eksp. i teor. fiz. 50 no. 3 565-575 Mi '66

- Closed relationship between a nonrelativistic partial
amplitude and the trajectories of its poles in the Y-
plane I. U. M. Lomazov, S. S. Tokun, Izd. fiz. 3
no. 4 776-778 Ap '66

- Differential charge-exchange cross section for 1, 2, 3, 4,
mesons on protons M. A. Azimov and others, Pis'm.
v red. Zhur. eksp. i teor. fiz. 3 no. 8 336-338 Ap '66

- Effect of optical radiation on the electrical quadrupole
interaction of the nucleus of a paramagnetic ion, Kh. S.
Bagdasar'yan, E. K. Sadykov, Pis'm. v red. Zhur. eksp. i
teor. fiz. 3 no. 8 210-213 Mi '66

- Energy buildup factors for cosmic-ray sources in air and
lead A. M. Panchenko, Atom. energ. 20 no. 1 13-15
352 Ap '66

- Evaluation of the importance of quantization in calculating
the surface charge in a strong electric field A. V. Sa-
chenko, V. A. Tikhonov, Usp. fiz. 11 no. 7 951-954
Mr '66

- Inverse problem for quantum mechanical equations with
energy-dependent potentials V. I. Mat'chenko, Usp.
mat. fiz. 10 no. 2 120-129 '66

- Inversion of levels due to excitation by a monochromatic
electron beam I. M. Belonova and others, Zhur.
prikl. spekt. 4 no. 3 240-244 Mr '66

- Mass formulae in the SU(6)-symmetry theory N. N.
Akhmedov, V. G. Kadyshovskii, R. M. Muzalimov, Izd. fiz.
3 no. 4 719-721 Ap '66

- Meson current in disturbed U(2)-symmetry and experi-
ments on opposing beams P. Vitezhits and others, Izd.
fiz. 3 no. 4 722-725 Ap '66

- Nonobservation of parity in radiative transitions in 147
V. M. Lobashov and others, Pis'm. v red. Zhur. eksp. i
teor. fiz. 3 no. 7 268-274 Ap '66

- Studying the electron states of atoms, molecules and
solid bodies by means of quasi-elastic knocking out of
slow electrons by a fast electron (0, 2e) I. U. I. Smirnov,
V. G. Neudachin, Pis'm. v red. Zhur. eksp. i teor. fiz.
3 no. 7 289-291 Ap '66

- Testing T-invariance in the reaction $\pi^+ + \pi^- \rightarrow \gamma + \gamma$,
A. I. Vainshtein, B. L. Ioffe, Pis'm. v red. Zhur. eksp. i
teor. fiz. 3 no. 8 333-336 Ap '66

- Theory of the generation of the second harmonic of light
in focused beams B. A. Zel'dovich, Zhur. eksp. i teor.
fiz. 50 no. 3 680-690 Mi '66

QUARRIES AND QUARRYING see subdivision under Donetsk Province

RADIO IN NAVIGATION

Automatic processing of information obtained from pulse-type radio navigation systems by the use of electronic digital computers V A Zhilin, Trudy TSNIIM 8 no. 51-55-68 '63.

RADIO INDUSTRY see subdivision under Minsk

RADIO INDUSTRY—COSTS

Designer and economist, A. Brach and others Radio no. 3-5-7 M '66

RADIO INDUSTRY—EQUIPMENT AND SUPPLIES

Small scale mechanization in the assembly of radio apparatus, B Levin, Inform.bul.VDNKH no. 3-9-11 M '66.

RADIO INDUSTRY—EXHIBITIONS

Today these television and radio apparatus are the best V. Koshchikh Inform.bul.VDNKH no. 3-9-16 '66

RADIO INDUSTRY—MANAGEMENT see subdivision under Moscow

RADIO MEASUREMENTS

Interference pickup, I. I. Trubetskoi, Vost. prikl.vozdzh. obr., no. 4, 81-84 Ap '66.

RADIO OPERATORS

At my own self young "hunters," A. G. Koshchikh Radio no. 3, 70-74 M '66.

Be prepared for the defense of the motherland, N. Kazanaki Radio no. 3, 12 M '66.

E. K. Enkel' comments on the sports calendar Radio no. 3, 13 M '66.

Short and ultrashort radio waves, Radio no. 3, 15 M '66.

RADIO OPERATORS—STANDARDS

Words should be followed by deeds, N. Denisov, Radio no. 3, 14 M '66.

RADIO RELAY SYSTEMS

Radio relay communication system on a rugged route, A. I. Konovalov, A. D. Chumichev, Avtom. telei., 1 sviaz' 10 no. 3, 12 M '66.

Use of diffraction lens-type passive repeaters on radio relay lines with normal lower spacing, L. V. Nadoenko, V. N. Troitski, Elektr. svyaz' 20 no. 4, 1-7 Ap '66.

RADIO STATIONS, AMERICAN

Tropospheric communication, V. Antipov, Tekhn. i voozhizh, 24 no. 2, 82-87 F '66.

RADIO TRANSFORMERS

Suppression of harmonics in radio transmitters using a balanced transformer, B. P. Terentiev and others, Radiotekhnika 21 no. 4, 40-46 Ap '66.

RADIO WAVES

Depolarization of cosmic radio-frequency radiation due to the dispersion of Faraday rotation of polarization planes of radio waves, V. A. Hartzin, V. V. Khurlov, Izv. vyz. ucheb. zav., radiofiz., 8 no. 6, 1063-1068 '65.

Effect of the sea surface structure on the spatial characteristics of the radio-frequency radiation scattered by it, A. I. Kalmykov, Izv. vyz. ucheb. zav., radiofiz., 8 no. 6, 1117-1127 '65.

Intensity of the field of short waves emitted by an artificial earth satellite, A. N. Kazaninov, D. S. Lukin, Kosm. issl., 4 no. 2, 230-241 M-Ap '66.

Mechanism of the propagation of radio waves emitted by an artificial earth satellite, A. N. Kazaninov, D. S. Lukin, Kosm. issl., 4 no. 2, 221-237 M-Ap '66.

RADIO WAVES—SCATTERING

Frequency and spatial correlation of waves scattered by a rough surface, G. A. Atoksoov, Izv. vyz. ucheb. zav., radiofiz., 9 no. 1, 137-140 Ja-F '66.

RADIOACTIVATION ANALYSIS

Radioactivation method of determining rare earths in some minerals and rocks, D. M. Lobanov and others, Zhur. anal. khim., 21 no. 3, 292-295 '66.

Use of neutron breeders and generators in neutron activation analysis, D. I. Ielpunskaya, Zav. lab., 31 no. 6, 690-699 '65.

RADIOACTIVE FALLOUT

Form in which some fission products reach the earth's surface, F. I. Pavlotkale, L. N. Zaitseva, Atom. energ., 20 no. 4, 333-337 Ap '66.

RADIOACTIVE PROSPECTING

A complex method of sampling mercury ores of a mixed composition in underground boreholes, E. V. Egorov and others, Vop. rud. geofiz., no. 6, 104-109 '65.

Determination of iron content by the gamma-gamma logging with inversion probes in the Krivoy Rog ore deposits, V. N. Milov, V. G. Pushchanskii, G. K. Zorin, Vop. rud. geofiz., no. 6, 141-143 '65.

Diffusion approximation in the theory of the gamma-gamma method, O. S. Marenkov, R. S. Derzhimantov, Vop. rud. geofiz., no. 6, 147-149 '65.

Experience in using radiometric methods for a quick determination of the mineral content in complex ore deposits, V. N. Balashev and others, Vop. rud. geofiz., no. 6, 150-155 '65.

Influence of the conditions of measuring and the distribution of mineralization on the results of X-ray and radiometric logging, A. I. Bol'shakov, I. U. P. Anshovskii, Vop. rud. geofiz., no. 6, 137-140 '65.

Photoneutron radiometer for exploring beryllium ores, B. I. Pollakov and others, Vop. rud. geofiz., no. 6, 166-168 '65.

Portable scintillation transmitter for determining the concentration of certain elements according to their neutron-absorbing properties, E. V. Egorov and others, Vop. rud. geofiz., no. 6, 164-165 '65.

Reliability and accuracy of the results of photoneutron logging for beryllium, O. V. Shishakin, I. P. Koshelev, Vop. rud. geofiz., no. 6, 129-133 '65.

Sampling of underground boreholes in antimony deposits by the X-ray radiometric and gamma-gamma methods, A. P. Ochkur and others, Vop. rud. geofiz., no. 6, 87-91 '65.

System of spectral ratios in the X-ray radiometric method of studying elemental composition of ores in situ, V. A. Molter and others, Vop. rud. geofiz., no. 6, 68-73 '65.

Theory of the gamma-gamma method in the geometry of the low-energy gamma ray reflection, A. P. Ochkur, E. P. Lemm, G. A. Pshenichnyi, Vop. rud. geofiz., no. 6, 17-27 '65.

Use of delayed neutrons for the coreless determination of the uranium content in boreholes, S. A. Igumnov, Izv. vyz. ucheb. zav., gor. zhur., 9 no. 2, 3-8 '66.

Use of neutron-neutron logging in rare-earth metal deposits, M. M. Shvartsman, I. P. Koshelev, O. D. Khaldeev, Vop. rud. geofiz., no. 6, 160-163 '65.

Use of neutron-neutron pulse logging under the conditions of the low mineralization of formation waters, I. U. P. Ochkur, L. P. Pokid'ko, Pribl. geofiz., no. 45, 221-231 '65.

X-ray radiometric logging of underground boreholes in mercury and lead deposits, A. I. U. Bol'shakov, A. P. Ochkur, V. N. Orlov, Vop. rud. geofiz., no. 6, 80-86 '65.

RADIOACTIVE PROSPECTING—EQUIPMENT AND SUPPLIES

Device for measuring ratios of the rates of counting in nuclear geophysical explorations, A. P. Rozuvanov, V. A. Meter, Vop. rud. geofiz., no. 6, 74-78 '65.

Portable beryllometer, A. V. Gorov, A. D. Suvorov, A. I. Baranov, Vop. rud. geofiz., no. 6, 123-128 '65.

RADIOACTIVE SUBSTANCES

Methodology of determining the diffusion coefficients of radioactive elements, L. V. Pavlov, A. I. Nakonechnikov, Zav. lab., 31 no. 6, 702-704 '65.

RADIOACTIVE SUBSTANCES—ANALYSIS

Quantitative analysis of complex gamma spectra of radioactive metals and alloys, V. I. Anshkevich, L. I. Ivanov, Zav. lab., 31 no. 6, 699-702 '65.

RADIOACTIVE TRACERS

Determining the speed of grain in a pipeline by the method of radioactive indicators, E. S. Pertsovskii and others, Trudy VNIIZ no. 53, 3-11 '64.

Study of the conditions for cobalt-cadmium alloy electrodeposition by laser technique, G. I. Podedinskii, K. Kh. Bogdanov, L. N. Trofimov, Zhur. prikl. khim., 39 no. 3, 709-711 M '65.

RADIOARGON DATING

Introduction of argon in the crystal lattice of glauconite, G. A. Kazakov, G. I. Teplovskii, Geokhimiya no. 2, 140-151 F '66.

Temperature dependence of the radiogenic gas activation energy in minerals, S. B. Brandt, S. N. Voronovskii, Geokhimiya no. 4, 376-380 Ap '64.

RADIOBIOLOGY

Influence of N. N. Semenov and his school on the development of radiation biophysics, B. N. Tarusov, Radiobiologiya 6 no. 2, 161-165 '66.

RADIOBIOLOGY—CONGRESSES

Discussion of problems in radiobiology at the session of the Department of Biochemistry, Biophysics, and Chemistry of Physiologically Active Compounds, V. G. Kocherezhkina, Vest. AN SSSR 36 no. 3, 179-182 M '66.

RADIOBROADCASTING see subdivision under Kemerovo Province

RADIOCARBON DATING

Radioactive data obtained in the Laboratory of the Geological Institute of the Academy of Sciences of the U. S. S. R. V. V. Cherdynstev and others, Geokhimiya no. 4, 315-324 Ap '64.

Use of radiocarbon dating to determine the age of soils, O. A. Chichagova, D. G. Levitan, Izv. AN SSSR, Ser. geog., no. 2, 80-84 M-Ap '66.

RADIOCHEMISTRY

Akademika nauk Gruzinskoi SSR, Tbilisi, Institut neorg. khim. i elektrokhim. (Studies in the field of electrochemistry and radiochemistry) Issledovaniya v oblasti elektrokhimii i radiochemii, Tbilisi, Milsurleba, 1965. 165 p. [In Russian and Georgian]

Radiochemical analysis of the Zaysan meadow, A. K. Lavrukhina and others, Moteotika no. 26, 102-108 '65.

Reactions of fast T⁺ ions with benzene in the solid phase, I. U. S. Kuklin, L. P. Plesova, A. N. Nesmetanov, Vest. Mosk. un Ser. 2 Khim. 21 no. 1, 60-64 Ja-F '66.

RADIOGENETICS

Comparative study of radiosensitivity in different Drosophila lines, M. M. Tikhomirova, Genetika no. 3, 93-97 '66.

Origin of small mutations of relative vitality and the selection of genes-modifiers as a result of X-ray irradiation of Drosophila, Trudy Inst. biol. UFAN SSSR no. 44, 65-78 '65.

RADIOGRAPHY

Apparatus for the combined high-temperature recording of electrophysiological curves and simultaneous X-ray photographs of solid oxides, A. P. Besonov, V. M. Ust'iantsev, Zav. lab., 31 no. 5, 620-621 '65.

Eshnovskaya, G. N. [Concise textbook on neuroendocrinology] Kratko posobie po neuroendocrinologii, [Leningrad] Meditsina, 1965. 238 p. (DNLN)

Shrinkage of X-ray films, F. I. Bochkarev, Zav. lab., 31 no. 5, 591-592 '65.

X-ray study of the high polymer DNA Sp⁻ and T2 bacteriophages, V. V. Lednev, T. I. Tikhonenko, Biophysika 11 no. 2, 209-212 '66.

RADIOGRAPHY—CONGRESSES

International conference of specialists on isotopic radiography, A. G. Sul'kin, Defektoskopiya 1 no. 6, 81-84 '65.

RADIOISOTOPES

Determining the probabilities of spontaneous fission of ²³³U²³⁵ and ^{Am}²⁴³, B. M. Aleksandrov and others, Atom. energ., 20 no. 4, 315-317 Ap '66.

Dzhelepov, B. S., G. F. Drant'syna, and J. Zwolski. Isobaric nuclei with atomic number A=167 [Izobarnye yadra s massovym chislom A=167]. Moskva, Nauka, 1966. 101 p. (Svotatva atomnykh yader, no. 7)

Use of scintillation granules in measuring the beta radiation from radioisotopes, I. U. A. Tsihrin and others, Zav. lab., 31 no. 6, 704-708 '65.

Vertical distribution of Rn, Tn, and their short-lived decay products in the atmosphere under stationary conditions, V. N. Bakulin, Izv. AN SSSR, Fiz. atm. i okeana 2 no. 4, 436-438 Ap '66.

RADIOISOTOPES—ANALYSIS

Apparatus for continuous extraction of radioisotopes, V. A. Muranov, Zav. lab., 31 no. 5, 628 '65.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

(see also subdivision under Armenia)

Application of radioisotopes in studying the regularities of fiber movement in the drafter, L. A. Kuligin, Tekst. prom., 28 no. 4, 31-35 Ap '66.

Laboratory determination of the iron and ash content in coal with the aid of gamma- and beta-ray reflections, G. A. Pshenichnyi, Vop. rud. geofiz., no. 6, 28-33 '65.

Possibility of using the X-ray radiometric method for determining certain metals in samples and mine workings, A. P. Ochkur and others, Vop. rud. geofiz., no. 6, 43-48 '65.

Radiation method problems in flaw detection, A. S. Shian' and others, Defektoskopiya 1 no. 6, 41-45 '65.

Theory and methods of the X-ray radiometric analysis of heavy metal ores in situ, A. P. Ochkur, A. I. Bol'shakov, Vop. rud. geofiz., no. 6, 49-57 '65.

RADIOMETRY

Analysis of iron ore on the conveyor using the radiometric method, G. A. Grigor'ev and others, Zav. lab., 31 no. 5, 579-581 '65.

Methods of preparing tissue samples for radiometry, M. Kh. Levitman, Radiobiologiya 6 no. 2, 325-326 '66.

X-ray structural analysis of individual nonmetallic inclusions, Z. A. Shevchenko, I. A. I. Spektor, Zav. lab., 31 no. 7, 814-816 '66.

RADIOSCOPIC DIAGNOSIS see Diagnosis, Radioscopic

RADIOSONDES

Methods of detecting radiation in the atmosphere
by means of the S-1 radio altimeter. Trudy VNIIMP
1966, 10 no. 2, 10-11 F '66

Results of studies of the radio altimeter for
radio altitudes. S. I. Nepomnichenko. Trudy VNIIMP
no. 1120-110 '66

RADIOTELEGRAPH

Distance reception of signals by telegraph signals with
rectification in the atmosphere. V. I. Ponomarev. Elektr. svyaz' 10 no. 4, 20-21 F '66

RADIOTELEPHONE

Approximation and standardization of the delay time
characteristics of long-distance communication chan-
nels. V. I. Ponomarev. Elektr. svyaz' 10 no. 4, 20-21 F '66

Transient processes in RF pulse integrators. F. F. Kicha.
Elektronika 20 no. 1, 31-35 Ap '66

RADIOTHERAPY

Peregudin, I. A. [Radiotherapy of cancer of the lungs]
Luchevaya terapiya rakoviny legkoy. Moskva, Meditsina,
1966, 107 p.
(DNLM)

Results of the treatment of obstructive hydrocephalus
with dilative operation combined with radiation
therapy. L. S. Babich, M. P. Kuvshinov, Vop.
meditsiny, 10 no. 1-10-15 Ja-F '66

Results of treatment of epithelial sarcomas and lymphosar-
comas, based on materials of the Central Scientific Re-
search Rosnigun-Radiological Institute of the Ministry
of Health of the U.S.S.R. for 30 years. A. S. Morozov.
Vop. onk. 10 no. 11-12 '66

RADIOTHERAPY—COMPLICATIONS AND SEQUELAE

Changes in the reactivity of the vegetative nervous system
in children at late dates following X-ray therapy. O. N.
Kul'rikova, T. D. Nizhnikova. Sov. med. 29 no. 4, 60-65
Ap '66

Excretion of thymidine, desoxyuridine, and β -aminoiso-
butyric acid in rats following irradiation. V. K. Mazurik.
Biol. khim. 61 no. 2, 43-50 F '66

Radiation reactions and postirradiation complications in
X-ray and radiotherapy of cancer of the larynx. S. V.
Turkmenov. Zh. stud. nauch. lab. Arkh. gos. med. inst.
no. 2, 46-47 '66

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802

Babkin, D. S. [A. N. Radishchev, his literary and public
activities] A. N. Radishchev, literaturno-obschestven-
naya delatel'nost'. Moskva, Nauka, 1966, 359 p.

New circumstances in the trial of A. N. Radishchev.
L. S. Sedov. Vop. lit. 9 no. 11, 155-162 '66

Tatarinsev, A. G. [The satirical call to indignation]
Satiricheskoe vozzvaniye k vozmushcheniyu. [Sarafov]
Kad. vo Saratovskogo univ., 1965, 90 p.

RADIUM

Solution of the Thomas-Fermi-Dirac equation taking into
account the correlation for a bivalent radium ion. V. M.
Vas'kovo, Yu. V. Dubasov. Zhur. strukt. khim. 7 no. 1,
60-65 Ju-F '66

RAFTS

(see also subdivision under Angara River, Kama River,
Volga River, Yenisey River)

Studying certain problems concerning the resistance of
rafts to a movement of rafts and their transmissibility
in winds. N. A. Khizhin. Trudy TSNLFVT no. 16,
91-148 '66

RAILROAD BRIDGES

(see also subdivision under Syzran, Kuybyshev Prov-
ince)

Temporary sectional bridge. K. F. Stavropol'sev. Put'
i put. khoz. 10 no. 4, 29 '66

RAILROAD BRIDGES—MAINTENANCE AND REPAIR

Improved work organization. I. S. Kul'bitskiy. Put' i put.
khaz. 10 no. 4, 30 '66

Overall exchange of bridge ties with the use of a track-
laying machine. V. P. Reshetnikov, A. V. Shirko. Put'
i put. khoz. 10 no. 3, 29-30 '66

Repair of ice apions should be made at the right time.
V. V. Sokolov. Put' i put. khoz. 10 no. 3, 27-28 '66

RAILROAD BRIDGES—TESTING

Devices for bridge inspection. V. A. Trinko. Put' i put.
khaz. 10 no. 4, 31 '66

RAILROAD CONSTRUCTION WORKERS

Honored efficiency promoter of the R. S. F. S. R., K. S.
Mikhailov. Transp. stroi. 15 no. 8, 31-32 Ag '65

Not numbers but skill. V. I. Maslov. Transp. stroi. 15
no. 8, 32 Ag '65

Viktor Chmyrev and his brigade. P. S. Moiseenko.
Transp. stroi. 15 no. 8, 30-31 Ag '65

RAILROAD ENGINEERING

Creative approach to a problem is the basis of success.
I. P. Pustoyar. Put' i put. khoz. 10 no. 5, 27-28 '66

Fast processes and stability of structures. G. M.
Shikhmants. Put' i put. khoz. 10 no. 3, 38-42 '66

RAILROADS

(see also subdivision under Communist countries,
Siberia)

Five-year program for the upswing of rail and transpor-
tation. F. P. Milutin. Zhel. dor. transp. 18 no. 4, 3-9
Ap '66

For economy and thrift. Avtom. telemek. i svyaz' 10
no. 3, 1-2 Mi '66

Nationalist socialist competition in honor of the 23d
Congress of the CPSU. Elek. i topl. tsiaga 10 no. 2,
1-3 F '66

Railroad news. Put' i put. khoz. 10 no. 3, 36 '66

Railroad news. Put' i put. khoz. 10 no. 4, 43 '66

Railroad news. Zhel. dor. transp. 18 no. 4, 89 Ap '66

Toward new achievements. Put' i put. khoz. 10 no. 5,
1-1 '66

RAILROADS—ABSTRACTS

[Railroad transportation] Ref. zhur. Zhel. dor. transp.
nos. 3-1 Mi-Ap '66. Avtorskiy ukazatel' za 1965 g.

RAILROADS—BUILDINGS AND STRUCTURES

(see also subdivision under Minsk)
Paint materials for structures in transportation. S. N.
Kazarnovskiy, G. M. Molgina, F. D. Svatkovskaya. Trudy
TSNIIMPS no. 300, 67-114 '66

RAILROADS—CARS

For a further increase of the operating efficiency of
railroad cars. S. I. Narmachenko. Zhel. dor. transp.
48 no. 4, 10-17 Ap '66

What a laboratory instrument car should be like. I. A.
Tselisura, I. I. Ebel'. Avtom. telemek. i svyaz' 10 no. 3,
15-17 Mi '66

RAILROADS—CARS—CLEANING

Method for cleaning the cars from cargo debris. G. G.
Drebyshev. Zhel. dor. transp. 48 no. 1, 29-30 Ap '66

RAILROADS—CARS—MAINTENANCE AND REPAIR

Improve the organization of car maintenance and repair.
Zhel. dor. transp. 18 no. 4, 71-75 Ap '66

RAILROADS—COMMUNICATION SYSTEMS

(see also subdivision under Germany, West)

Modernization of signaling apparatus. N. R. Zhur, V. S.
Kasatkina. Put' i put. khoz. 10 no. 5, 23-24 '66

To create outstanding communication lines. V. M. Val-
shel'baum, I. M. Bogush. Avtom. telemek. i svyaz' 10
no. 3, 27-32 Mi '66

RAILROADS—CONTINUOUS RAILS

Adjustment springs of tracks with continuous rails.
N. S. Zverev. Put' i put. khoz. 10 no. 5, 31-36 '66

Forces acting in the contact of wheel and rail in tracks
with continuous rails. V. F. Iakovlev. Put' i put. khoz.
10 no. 4, 15-16 '66

Maintenance of the "velvet smooth" track. V. K. Kosyrev.
Put' i put. khoz. 10 no. 4, 12-13 '66

Methods of laying, maintenance and repair of continuous
rail tracks. Put' i put. khoz. 10 no. 4, 11 '66

Possibility of expanding the areas of tracks with contin-
uous rails. Z. L. Kreinik, N. N. Brikov. Zhel. dor.
transp. 48 no. 4, 54-58 Ap '66

Temperature interval and repair of a track with contin-
uous rails. P. I. Kolesnikov. Put' i put. khoz. 10 no. 4,
14 '66

RAILROADS—CROSSINGS

Excellent crossings. M. M. Cherkasskiy. Put' i put.
khaz. 10 no. 1, 24-26 '66

RAILROADS—CURVES AND TURNOUTS

Ershkov, O. P. [Calculating the lateral horizontal forces
on curves] Raschet poperechnykh gorizontalnykh sil
v krivykh. Moskva, Transport, 1966, 234 p. (Moscow.
Vsesoyuznyi nauchno-issledovatel'skiy institut zhelezno-
dorozhnogo transporta. Trudy, no. 301)

RAILROADS—EARTHWORK

It is possible to prevent washouts. M. V. Bolprav.
Put' i put. khoz. 10 no. 4, 27 '66

New designs for roadbeds of excessively wet clay soils.
V. P. Tikhov, B. I. TSvelodub. Transp. stroi. 15 no. 8,
38-39 Ag '65

Roadbed on new railroad lines. I. P. Pustoyar. Put' i put.
khaz. 10 no. 4, 42-43 '66

Stabilization of excavation helmets by the cathinone
method. I. M. Tiurin. Put' i put. khoz. 10 no. 4, 11
'66

RAILROADS—ELECTRIFICATION (see subdivision
under Communist countries)

RAILROADS—ELECTRIFICATION—CONGRESSES

Forum of electrification workers of socialist countries.
V. I. Gribenikov. Transp. stroi. 15 no. 8, 35 Ag '65

RAILROADS—ELECTRONIC EQUIPMENT

What a laboratory instrument car should be like. I. A.
Tselisura, I. I. Ebel'. Avtom. telemek. i svyaz' 10 no. 3,
15-17 Mi '66

RAILROADS—EMPLOYEES

Creative initiative of the collective. K. S. Shenitko. A.
Avtom. telemek. i svyaz' 10 no. 3, 25 Mi '66

How Roshtalavny was indicted, discharged, and as a result
events in the L'gov-2 locomotive depot. A. K. Kuvshinov.
Agitator 34 no. 9, 55-57 My '66

Knowledge helps in work. V. M. Komov. Put' i put. khoz.,
10 no. 4, 22-23 '66

An outstanding designer. I. Dubov. Avtom. telemek. i
svyaz' 10 no. 3, 22 Mi '66

Those who march ahead of all. M. N. Pavlovskiy. Put' i
put. khoz. 10 no. 4, 20-22 '66

Title of "best in the profession" conferred on railway
I. I. Maksimovskiy. Elek. i topl. tsiaga 10 no. 9, 1-2 F '66

A woman of generous heart. R. A. Kutorov. Avtom.
telemek. i svyaz' 10 no. 3, 25 Mi '66

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING

Department of the scientific organization of work. M. A.
Frishtman, K. P. Zhilka, I. S. Lovanov. Put' i put.
khaz. 10 no. 3, 6-8 '66

Let's give secondary education to vocational school stu-
dents. G. Rukin. Prof. i tekhn. obs. 23 no. 1, 11-12 Ap
'66

Ulyayev, D. I. [Manual for track maintenance workers]
Posobie putevomu rabochemu. 2., pererab. Moskva,
Transport, 1966, 307 p.

RAILROADS—EMPLOYEES—MEDICAL CARE

Organizational problems of cancer control among workers
employed at the Oktyabrskaya Railroad. R. P. Pavlovskiy.
Vop. onk. 12 no. 4, 87-90 '66

Taking care of the health of railroaders. V. I.
Tokmakov. Put' i put. khoz. 10 no. 5, 26-28 '66

RAILROADS—EQUIPMENT AND SUPPLIES

Contest committee summed up the results of the effi-
ciency promotion contest. Put' i put. khoz. 10 no. 1,
35 '66

Continuous production line. V. F. Plaksha. Put' i put.
khaz. 10 no. 4, 34 '66

Maintenance of pneumatic blowing systems. V. O. Zakharenko.
Put' i put. khoz. 10 no. 3, 45-46 '66

RAILROADS—FREIGHT

Conform the organization of freight transportation to the
requirements of the new tasks. A. V. Danov. Zhel. dor.
transp. 48 no. 4, 10-22 Ap '66

Determining the costs of the organization of classified
freight train routing. N. E. Horovol. Zhel. dor. transp. 48
no. 1, 32-35 Ap '66

Fast delivery of cotton. A. M. Kadyrov. Zhel. dor.
transp. 48 no. 4, 27-28 Ap '66

Ways to accelerate the delivery of goods. V. D. Khokhlov.
Zhel. dor. transp. 48 no. 4, 56-59 Ap '66

RAILROADS—FREIGHT CARS

Eight axle boxcars. K. P. Zhilka. Zhel. dor. transp. 48
no. 4, 36-37 Ap '66

RAILROADS—LABOR PRODUCTIVITY

Find and utilize the potentials of the increase of labor
productivity. M. V. Likhov. Put' i put. khoz. 10
no. 3, 1-3 '66

RAILROADS—MAINTENANCE AND REPAIR

(see also subdivision under Kuybyshev Province,
Leningrad region; Moscow Province, Siberia,
Siberia, Western; Volga Valley)

Activities of the Council of the Scientific Organization of
Work. F. E. Groisman, N. P. Tsvetkovskiy. Put' i put.
khaz. 10 no. 3, 8 '66

Daily inspection of the roadbed condition. I. D.
Kolomoietz, L. M. Kal'mik. Put' i put. khoz. 10 no. 4,
20 '66

Improve the condition of the roadbed. Put' i put. khoz.
10 no. 5, 25-26 '66

Improve the planning of the work of track machinery
stations. G. V. Liders. Put' i put. khoz. 10 no. 4, 17-19
'66

RAILROADS—MAINTENANCE AND REPAIR (Continued)

Introduce a computer to improve quality of track and structure. A. A. Morav'ev. Put' i put.khoz. 10 no. 1 p. 96.

Introduce advanced technology in track construction and repair. D. A. Andonov, D. A. Lezhnev, I. D. Lezhnev. Put' i put.khoz. 10 no. 5 p. 11 p. 96.

Keep up eye on the condition in chain pipes. R. I. Pukh (Put' i put.khoz. 10 no. 4 p. 20 p. 96).

Paint input fuel to still speed. V. I. Koldov, A. G. Koldov, V. A. Koldov. Put' i put.khoz. 10 no. 6 p. 11 p. 96.

Make wheel use of technically substantiated norms. L. I. Chukrov. Put' i put.khoz. 10 no. 3 p. 19 p. 96.

Optimization of the work of marshmen. V. V. Bullykin. Put' i put.khoz. 10 no. 1 p. 10 p. 96.

Plan the work of marshmen. A. G. Dmitriyev. Put' i put.khoz. 10 no. 5 p. 10 p. 96.

Take for technical condition of marshmen. A. M. Aronov, O. B. Belykh, I. V. Zhelezovskiy. Put' i put.khoz. 10 no. 6 p. 11 p. 96.

Put the plan into action. A. N. Bontar'. Put' i put.khoz. 10 no. 3 p. 19 p. 96.

Use of the VPO 1000 lining machine in track work. V. I. Medvedev and others. Put' i put.khoz. 10 no. 1 p. 8 p. 96.

Will be all the problems of equipment. N. I. Tsvetkovskiy. Put' i put.khoz. 10 no. 4 p. 10 p. 96.

RAILROADS—MANAGEMENT
(see also subdivision under Transportation)

Application of the regulation on socialist government and industrial order to work. V. I. Vostokov. Zhel. dor. strop. 48 no. 1 p. 14 p. 96.

Make schedule of the possibilities for a further reduction of capital expenditures. Zhel. dor. strop. 10 no. 1 p. 14 p. 96.

Planning and introduction of the utilization of capital assets. I. D. M. Shkolev, I. V. Lezhnev. Zhel. dor. strop. 10 no. 1 p. 14 p. 96.

Present problems in economic analysis. I. I. Shkolev. Avtom. telet. i telet. 10 no. 1 p. 14 p. 96.

The trade union committee and executive associations. I. I. Shkolev. Zhel. dor. strop. 10 no. 1 p. 14 p. 96.

Utilization of capital assets in construction. D. I. Pionovskiy. Zhel. dor. strop. 10 no. 1 p. 14 p. 96.

RAILROADS—RAIL
Introduce the active life of rails. G. G. Onkolov. Put' i put.khoz. 10 no. 3 p. 20 p. 96.

Introduce high-quality rails. G. G. Onkolov. Put' i put.khoz. 10 no. 3 p. 20 p. 96.

Repair of Transversal fatigue fractures in rails. I. I. Shkolev, V. A. Koldov, A. I. Koldov. Zhel. dor. strop. 10 no. 1 p. 14 p. 96.

RAILROADS—RAIL FASTENING
Improving the interconnecting fastenings. G. I. Anichov. Put' i put.khoz. 10 no. 3 p. 18 p. 96.

RAILROADS—RAIL LUBRICATION
Paint the rail joints with graphite lubrication. L. A. Koldov, Zh. I. Zhukov. Put' i put.khoz. 10 no. 5 p. 22 p. 96.

RAILROADS—RAIL WELDING
Rail welding on approach tracks. N. V. Golovov, V. M. Golovov. Put' i put.khoz. 10 no. 3 p. 18 p. 96.

Structure and properties of welds produced in the construction of electric welding of rails. V. I. Lezhnevskiy. Avtom. telet. i telet. 10 no. 1 p. 14 p. 96.

Welding of rail joints. V. N. Cheplov. Put' i put.khoz. 10 no. 4 p. 10 p. 96.

RAILROADS—REPAIR SHOP
(see also subdivision under Krasnyy Yaman, Donetsk Province)

For high standards in work and living conditions. I. U. N. Vol'skikh. Put' i put.khoz. 10 no. 3 p. 20 p. 96.

RAILROADS—REPAIR SHOP—PRODUCTION STANDARDS
Establishment of technical norms in the basis of the scientific organization of work. L. I. Shkolev. Zhel. dor. strop. 10 no. 1 p. 14 p. 96.

RAILROADS—ROLLING STOCK
Transporting the PB-2 tracklayer on railroad rolling stock. P. G. Burko, V. N. Kirichenko. Transp. strof. 15 no. 6 p. 96.

RAILROADS—ROLLING STOCK—DYNAMICS
Elasticity. O. P. [Calculating the lateral horizontal forces on curves] Raschet poperechnykh gorizontalnykh sil v krivykh. Moscow, Transp., 1966. 234 p. (Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zhелеzнодорожного transporta. Trudy, no. 301)

RAILROADS—ROLLING STOCK—PAINTING

Painting in the electric field and thermal radiation drying of rolling stock. S. N. Kuznetsovskiy. Trudy TSNII MVS no. 306 p. 134 p. 96.

RAILROADS—ROUNDOUSES see subdivision under Kazakhstan

RAILROADS—SIGNALING
Planning and laying of a long-distance communication cable on the Amkan-Tashkent railroad line. P. P. Akhmedov. I. N. Stetsukin. Avtom. telet. i telet. 10 no. 1 p. 14 p. 96.

RAILROADS—SIGNALING—FLAX'S SYSTEM
Power supply network of the signal lights in a semi-automatic block system. V. P. Komarov. Avtom. telet. i telet. 10 no. 1 p. 14 p. 96.

Rail circuit joints with graphite lubrication. L. A. Koldov, Zh. I. Zhukov. Put' i put.khoz. 10 no. 5 p. 22 p. 96.

Resistance shunting network in the circuit of the DSA-3B selector call. D. I. Zingfeld. Avtom. telet. i telet. 10 no. 3 p. 18 p. 96.

RAILROADS—SIGNALING—CENTRALIZED TRAFFIC CONTROL
Suggestions of the employees of the Sverdlovsk Railroad. M. T. Lavinskoy. Avtom. telet. i telet. 10 no. 1 p. 14 p. 96.

RAILROADS—SNOWPROTECTORS see subdivision under Orenburg

RAILROADS—STATION SERVICE
Expanding passenger service in railroad stations. Zhel. dor. strop. 10 no. 1 p. 14 p. 96.

Organization of the work of the station managers. G. P. Kaplanov, N. P. Shkolev. Zhel. dor. strop. 48 no. 1 p. 14 p. 96.

RAILROADS—STATIONS
(see also subdivision under Gorkiy, Ural Mountain region)

Operating conditions of a railroad station the big an increase of the ending on buffer. G. I. Mamonovskiy. Zhel. dor. strop. 10 no. 1 p. 14 p. 96.

RAILROADS—STRUCTURES AND BUILDINGS
New project of a track-skeleton assembly plant. G. M. Zhukov. Put' i put.khoz. 10 no. 4 p. 10 p. 96.

RAILROADS—SWITCHES
Conference in the switch manufacturing plant. A. A. Simon. Put' i put.khoz. 10 no. 3 p. 21 p. 96.

Improving the design of switches. I. P. Gashov. Put' i put.khoz. 10 no. 3 p. 20 p. 96.

Overall mechanized assembling and laying of switch layouts. M. M. Shkolev, V. D. Shkolev. Transp. strof. 15 no. 6 p. 96.

Reznikov, O. M. [Electric drive for the switches of electric interlocking system] Elektricheskiy elektropriyemnyy elektromekhanicheskii. Moscow, Transport, 1966. 141 p.

Switches are the most important part of a track. S. V. Amelin. Put' i put.khoz. 10 no. 3 p. 23 p. 96.

RAILROADS—TELEPHONE
How we maintain the cable network. N. M. Petukhin, V. B. Burdin. Avtom. telet. i telet. 10 no. 3 p. 33 p. 96.

RAILROADS—TIRES
Structuring of the tire machine and ways of their utilization. N. A. Likhin, D. I. Likhin. Put' i put.khoz. 10 no. 5 p. 22 p. 96.

Use of the lamp in the division. I. U. N. Kravchenko. Put' i put.khoz. 10 no. 4 p. 10 p. 96.

RAILROADS—TIRES, CONCRETE
Cracks in reinforced concrete floor. D. I. Mironov, S. M. Mironov. Put' i put.khoz. 10 no. 5 p. 22 p. 96.

RAILROADS—TRACK
Design and calculation of antiheaving systems. G. P. Brodskiy. Put' i put.khoz. 10 no. 3 p. 34 p. 96.

Single characteristics of the track after its repair on heaved sections. V. G. Aphanov, N. I. Kurpachenko. Put' i put.khoz. 10 no. 3 p. 32 p. 96.

Network scheduling of the construction of second tracks. G. I. Kozlovskiy. Transp. strof. 15 no. 6 p. 96.

Providing for safety in karst areas. G. A. Nizovkin. Put' i put.khoz. 10 no. 3 p. 37 p. 96.

Shock program of track operation and maintenance workers. I. V. Runakov, L. P. Shukov. Put' i put.khoz. 10 no. 4 p. 10 p. 96.

Take the nature of soils in the construction of the roadbed. O. M. Reznikov, V. M. Mishalov. Put' i put.khoz. 10 no. 4 p. 10 p. 96.

Transporting the PB-2 tracklayer on railroad rolling stock. P. G. Burko, V. N. Kirichenko. Transp. strof. 15 no. 6 p. 96.

Ullrich, D. I. [Manual for track maintenance workers] Possible putovomu rabochemu, 2, perer. izd. Moskva, Transport, 1966. 307 p.

RAILROADS—TRACKLAYING MACHINERY
Overall exchange of bridge ties with the use of a track-laying machine. V. P. Roshchikov, A. V. Shukov. Put' i put.khoz. 10 no. 3 p. 20 p. 96.

RAILROADS—WATER SUPPLY
Water supply systems. V. S. Jankin. Zhel. dor. strop. 48 no. 4 p. 51 p. 96.

RAILROADS, INDUSTRIAL
Efficient organization of railroad transportation. A. F. Tikhonov, K. M. Komolov. Metallurg. 11 no. 4 p. 34 p. 96.

Work of railroaders in the Metallurgical Combine. M. A. Kuznetsov. Put' i put.khoz. 10 no. 5 p. 22 p. 96.

RAILROADS, INDUSTRIAL—EQUIPMENT AND SUPPLIES
Transporting narrow-gauge hopper cars. V. M. Begalova. Put' i put.khoz. 10 no. 5 p. 20 p. 96.

RAILROADS, INDUSTRIAL—SNOW PROTECTION AND REMOVAL
Car-mounted jet-propelled snowplow. P. I. Balazan, A. I. Koldovskiy. P. S. Ruzhnik. Kola i khol. no. 9 p. 96.

RAILROADS, SINGLE-RAIL—CARS
Cars with asynchronous motors for mono railroads. Zhel. dor. strop. 48 no. 4 p. 51 p. 96.

RAIN AND RAINFALL see subdivision under Kazakhstan, Turkmenistan

RAINS, J. [Prou. 200 p. 1000, June, 1966-1970]

RAMAN EFFECT
Raman scattering of microwaves by plasma oscillations. N. P. Pershakov. Put' i put.khoz. 10 no. 5 p. 22 p. 96.

Raman spectra of melts of binary systems of the nitrates LiNO₃, BiNO₃, CaNO₃, NaNO₃, TlNO₃, and AgNO₃, with NaNO₃ and KNO₃. M. A. Ponomarev, I. V. Radchenko, G. A. Ruzhnik. Zhel. dor. strop. 48 no. 4 p. 51 p. 96.

Scattering of light by impurity centers in a solid body making allowance for deviations from the Frank-Condon principle. B. M. Pavlyuk. Zhel. dor. strop. 48 no. 4 p. 51 p. 96.

RAMENSKOYE DISTRICT—PLANTS, PROTECTION OF
Propaganda and vaccination as the main tasks. V. Ushakov. Zhel. dor. strop. 48 no. 4 p. 51 p. 96.

RAMON (VORONEZH PROVINCE)—SUGAR INDUSTRY
Improvement of correspond to world standards. A. Nikitenko. Zhel. dor. strop. 48 no. 4 p. 51 p. 96.

RAMS
Age-related morphology of the testis in sheep. N. P. Shkolevskiy. Trudy AZVI 13 p. 202-270 p. 96.

Control of adult rams by the method of subcutaneous ligature. Zh. O. Omerov, V. M. Panin. Trudy AZVI 13 p. 177 p. 96.

Castration of adult rams with blind suturing of the wound. I. Kh. Starovoykovskiy. Veterinaria 42 no. 3 p. 88-83 p. 96.

Morphological changes in the testis of sheep in partial castration. N. P. Shkolevskiy. Trudy AZVI 13 p. 220-230 p. 96.

RANCE RIVER, FRANCE—HYDROELECTRIC POWER STATIONS
Construction of a third electric power station on the Rance River. L. D. Bernshtein. Energ. strof. no. 46 p. 86-87 p. 96.

RANDOM PROCESSES see Stochastic processes

RANDOM WALKS (MATHEMATICS)
Limit theorem for random walks. Part 2. A. V. Skorokhod, N. P. Shkolevskiy. Teor. veroyat. i ee prim. 11 no. 1 p. 67 p. 96.

RANGE FINDING
Sound and reconnaissance. B. Shilov. Voen. znan. 42 no. 4 p. 34 p. 96.

RANUNCULACEAE
Oil from Thalictrum simplex. A. L. Markman, R. E. Freiman. Khim. prirod. soed. no. 2 p. 123-128 p. 96.

Study of acetic alkaloids. T. E. Monakhova and others. Khim. prirod. soed. no. 2 p. 113-110 p. 96.

REED (BOTANY)

Characteristics of the anatomical structure of reed (*Phragmites communis Trin*) V. G. Nikolovskii Nauch dokl vuz, shkoly, biol. nauk no 2:122-125 '66.

REEFS

(see also subdivision under Cnucabus; Calinea, Perm Province)

Reefs and reef-formers in the Middle and Late Devonian of the globe B. I. Chuvpashov Izv AN SSSR, Ser. geol. 31 no. 4:100-114 Ap '66

REFLECTING TELESCOPE see Telescope, Reflecting

REFLECTION (DIALECTICAL MATERIALISM)

Reflection of the general in direct sensory perception I. V. Nikolaev, Uch. zap. Kaf. obshchestv. nauk vuz. g. Leningrad, no. 7:43-54 '65.

REFLECTION (OPTICS)

Accuracy of determining the coefficients of absorption and reflection of absorbing substances M. V. Kuzik, Zhur. prikl. spekt. 1 no. 3:275-278 M. '66.

REFLEXES

Cardiac reflexes as a self-regulatory mechanism of the heart M. G. Udil'nov, G. L. Samonina, Usp. sov. biol. 61 no. 2:230-246 Mr.-Ap '66.

Changes in the electroencephalogram during orientation and conditioned defense reflexes under the influence of tranquillisers, I. V. Butov, Farin. i toki 28 no. 4:389-393 Ji.-Ag '65.

Effect of amylase on the development of the flexor dominant O. V. Verkhova, P. D. Shekhten, Biol. eksp. biol. i med. 61 no. 3:20-21 M. '66.

Effect of trimethin on the facilitation and inhibition of the spinal reflex during stimulation of the reticular formation of the brainstem, E. B. Arushanian, I. V. Belokobyl'skiy, Biol. eksp. biol. i med. 61 no. 2:51-59 I. '66.

Interaction of conditioned and unconditioned reflexes in guinea pigs during ontogeny, D. B. Malinkovskaya, Zhur. vuz. nerv. delat. 16 no. 2:244-250 Mr.-Ap '66.

Interocclusive unconditioned reflexes from the stomach to ascorbic acid content in the blood and urine, L. I. Mamedova, Dokl. AN Azerb. SSR 21 no. 11:80-83 '65.

Nature of interocclusive reflex relationships of the heart to artificial disorders of myocardial blood supply N. M. Shirovskaya, Biol. eksp. biol. i med. 61 no. 3:29-31 M. '66.

Rare observation of reflex stenocardia, A. N. Solomin, Voen.-med. zhur. no. 4:78-77 Ap '66.

Reflex effect on the endovascular system from the receptors of the nasal mucosa, M. M. Karlashov, Fiziol. zhur. [Ukr.] 12 no. 2:258-261 '66.

Reflex responses in the cardiac sympathetic nerves and their changes under the influence of morphine, N. V. Kaverina, I. V. Rozonov, Biol. eksp. biol. i med. 61 no. 2:60-64 I. '66.

Reflexes from mechanoreceptors of the upper respiratory tract in radiation sickness, R. A. Fel'mbaum, L. N. Iampolskii, Radiobiologiya 6 no. 2:250-253 '66.

Reflexography, a device for studying the higher nervous activity in man, K. O. Shkabar and others, Fiziol. zhur. [Ukr.] 12 no. 2:269-272 '66.

Role of cortical representation in the organization of the most complex unconditioned reflexes in dogs, Z. A. Vasil'eva, Zhur. vuz. nerv. delat. 16 no. 2:303-304 Mr.-Ap '66.

Some problems of modern neurophysiology and physiology: the problem of interaction of organs in physiology and health resort treatment, M. R. Mogenovtsev, Vop. kur., fizioter. i tech. fiz. kul't. 31 no. 1:14-20 '66.

Unconditioned reflexes from the parietal and visceral pleura to the cardiovascular system in normal and irradiated animals, T. I. Bachurina, Radiobiologiya 6 no. 2:232-236 '66.

REFORMATION see subdivision under Suputinka Preserva

REFORMATION—EQUIPMENT AND SUPPLIES

Complex of machines for reformation, G. A. Lariukhin, Trakt. i sel'khoz. mash. no. 5:23-24 My '66.

REFORMATION REACTION

Reformativ reaction involving bromomaleonic ester, Part 4: Reaction of chloro- and methoxybenzaldehydes with bromomaleonic ester, N. S. Vul'fon, F. G. Zhurina, L. B. Senilavina, Zhur. obshch. khim. 36 no. 4:609-613 Ap '66.

REFRACTOMETRY

Determining phenol content of raw light pyridine bases by means of refractometry, E. M. Gepshtein, Koks i khim. no. 3:39-40 '66.

Improved refractometric method, A. G. Kruglikov, A. P. Azita, Khim. i kond. prom. 10 no. 4:39-40 Ap '66.

Refractometric study of reactions involved in the formation of cupronates of some metals, E. A. Ganner, N. D. Belykh, Zhur. neorg. khim. 11 no. 2:386-391 F '66.

REFRACTORY MATERIALS

Efficiency of various methods of lining the tunnels for steel pouring, A. V. Zhukov, A. N. Tril'mov, Stal' 20 no. 1:316-317 Ap '66.

Glazing paste for furnace protection, M. H. -zhil. prom. 32 no. 3:16 M. '66.

Scientific Council on the Problem "Physicochemical Foundations of the Production of New Heat-Resistant Inorganic Materials", at the session of the bureau of the Council, I. U. S. Ivanovskii, Vest. AN SSSR 36 no. 3:174-170 Mr '66.

Thermodynamics of evaporation of refractory oxides at high temperatures B. F. Ustin, A. K. Karkit, Zhur. prikl. khim. 39 no. 3:537-513 M. '66.

REFRACTORY MATERIALS—TESTING

Effect of the atmosphere of the glass furnace on the resistance of slag refractories N. A. Shmeleva, L. F. Ivanova, Stok i ker. 23 no. 4:18-20 Ap '66.

Mechanical properties of materials on a SiC and Si₃N₄ base, V. K. Karakov, S. S. Gorodetskiy, Porosh. met. 6 no. 4:65-68 Ap '66.

REFRACTORY MATERIALS—THERMAL PROPERTIES

Methods and equipment for the rapid determination of the thermal conductivity of refractory materials in a wide temperature range, V. F. Zamenetskiy, V. M. Gerasheva, O. D. Shcherbina, Porosh. met. 6 no. 1:34-39 Ap '66.

REFRIGERANTS

Diagram of the Freon-22 and dibutylphthalate solution V. M. Solov'ev, Khol. tekhn. 43 no. 1:36-38 Ap '66.

REFRIGERATED MOTORTRUCKS

Refrigerated motortruck on a GAZ-51A chassis I. U. Sokolov, A. Khoriin, Avt. transp. 46 no. 4:38-39 Ap '66.

REFRIGERATION AND REFRIGERATING MACHINERY

Absorption refrigerating machinery with intermittent feed of the solution B. M. Blier, Izv. vuz. ucheb. zav. plach. tekhn. no. 2:164-170 '65.

Calculating the necessary quantity of air for the cooling chamber of a grain dryer, M. Skolovnikov, Muk. elev. prom. 32 no. 3:26-27 M. '65.

Comparative data for electrostatic generators, A. G. Shcherbina, Khol. tekhn. 43 no. 4:17-20 Ap '66.

Equation of state of Freon-22-dibutyl phthalate, V. M. Solov'ev, Izv. vuz. ucheb. zav. i inzh. 9 no. 4:113-118 Ap '66.

Lowering of temperature in the FPK-6000 environmental chamber, A. A. Ivanov, Khol. tekhn. 43 no. 4:17-18 Ap '66.

New milestone in the building of the material and technical bases of communism, Khol. tekhn. 43 no. 4:1-2 Ap '66.

REFRIGERATION AND REFRIGERATING MACHINERY—ABSTRACTS

[Chemical and refrigeration machinery manufacture] Ref. zhur. i khim. i khol. mashinost. nos. 3-4 Mr.-Ap '66.

REFRIGERATION AND REFRIGERATING MACHINERY—MAINTENANCE AND REPAIR

Lifter for crossing out the bushings of sliding bearings, Khol. tekhn. 43 no. 4:16 Ap '66.

REFRIGERATOR CARS—RELIABILITY

Increasing the reliability of refrigerator trains, N. I. Lyachenko, Zhel. dor. transp. 48 no. 4:42-43 Ap '66.

REGENERATION (BIOLOGY)

Effect of additional innervation on the regenerative processes following amputation of external organs in mammals, V. P. Kudokotsev, L. K. Danchenko, Nauch. dokl. vuz. shkoly, biol. nauk no. 2:37-40 '66.

Rate of physiological regeneration of the epidermis in birds, S. G. Shkhar, Biol. eksp. biol. i med. 61 no. 3:95-99 Mr '66.

Regeneration of the liver in cats, G. N. Nikmatov, L. M. Nabols'ina, Zh. V. Iakovleva, Biol. eksp. biol. i med. 61 no. 3:89-92 M. '66.

Respiration and oxidative phosphorylation in mitochondria of a regenerating liver in rats, N. A. Orshul'kova, M. A. Novikova, G. L. Zhdanov, Vop. med. khim. 11 no. 3:67-72 My-Je '65.

Study of antigenic properties of regenerating muscle tissue, I. S. Khudakov, Biol. eksp. biol. i med. 61 no. 3:82-93 Mr '66.

REGENERATION (BIOLOGY)—CONGRESSES

Konferentsiya po voprosam regeneratsii i kletchnogo razmnozheniya, 4th, 1964. [Materials of the Fourth Conference on Problems of Regeneration and Cell Reproduction, December 11-14, 1964] Materialy. Moskva, Vtoroi Mosk. med. in-t, 1964. 164 p.

— [Program of the Conference. Programma Konferentsii] 10 p.

REGIONAL PLANNING

Territorial planning under the new conditions, S. Tokarcov, Plan. ihoz. 13 no. 5:15-22 My '66.

REHABILITATION

Restoration of the capacity for work in patients following initial commissioning, A. G. Kaminshii, V. K. Chalaevskii, K. i inzh. 12 no. 4:52-55 Ap '66.

REHABILITATION OF JUVENILE DELINQUENTS

A policeman lives in this house V. Nazarov, Mol. komm. no. 6:100-103 Je '64.

REINECKE SALT

Amperometric determination of microgram quantities of silver by means of Reinecke salt, I. L. Bagbanly and others, Dokl. AN Azerb. SSR 21 no. 11:15-17 '65.

REINFORCED CONCRETE

Reliable ways of saving steel, cement, and power Na. stroit. Ros. 7 no. 3:28 Mr '66.

REINFORCED CONCRETE—TESTING

Spring hydraulic devices for studying deformations of concrete under complex load regimes M. V. Bondarev, Stroit. konstr. no. 3:53-58 '65.

REINFORCED CONCRETE CONSTRUCTION

Balkov, V. N., ed. [Reinforced concrete three-dimensional elements and large panels] Zhelezobetonnye prostanstvennye konstruktsii (krupnye panelli. Moskva, Vysshiaia shkola, 1966. 118 p.

Calculating the strength of eccentrically compressed reinforced concrete elements of rectangular section, V. V. Dogl'rev, Trudy ISNHS no. 58:108-116 '66.

REINFORCED CONCRETE CONSTRUCTION—FORMWORK

Form for preparing reinforced concrete piles, V. E. Bershtein, Transp. stroit. 15 no. 6:48-49 Ag '65.

REINFORCED CONCRETE PRODUCTS

Approximate calculation of the supporting power of eccentrically compressed mesh-reinforced concrete elements N. V. Borovskii, Stroit. konstr. no. 3:21-32 '65.

Calculating thin-walled reinforced concrete elements in an elastic stage, A. A. Gonodskii, Stroit. konstr. no. 3:85-93 '65.

Reinforced concrete instead of metal heads S. I. Udenich, Na. stroit. Ros. 7 no. 3:14 Mr '66.

Study of the deformations of flexible elements of lightweight concrete with natural filler reinforced with rod reinforcement of class AIV S. I. Udenich Izv. AN Azerb. SSR Ser. tekhn. nauk 10 no. 1:42-51 '65.

REINFORCED CONCRETE PRODUCTS—DESIGN AND CONSTRUCTION

Moscow, Nauchno-issledovatel'skii institut betona i zhelezobetona. [Instruction for designing concrete and reinforced concrete elements intended for use under conditions of increased and high temperatures (made of ordinary and heat-resistant concrete)] Instruktsiya po projektirovaniu betonnykh i zhelezobetonnykh konstruktsii, prednaznachennykh dlia raboty v usloviakh vozdel'stviya povyshennykh i vysokikh temperatur (iz obychnogo i zharkostoykogo betona). Moskva, Stroizdat, 1966. 160 p.

REINFORCEMENT IN CONCRETE see Concrete reinforcement

REINFORCING BARS—TESTING

Thermal treatment and the mechanical properties of reinforcing steel, L. E. Epstein, Metallized. i term. obr. met. no. 6:30-35 Je '66.

REINSTATEMENT OF EMPLOYEES see Employees, Reinstatement of

REISNER, LARISA MIKHAILOVNA, 1895-1926

Book of a wonderful life, M. Roshchin, Nov. mir 42 no. 2:253-256 F '66.

RELATIVITY (PHYSICS)

Einstein, Albert. [Collection of scientific works in four volumes. Translated from the English and German] Sbornik nauchnykh trudov v chetyrekh tomakh. Pod red. I. E. Tamina, I. A. N. Smorodinskogo, B. G. Kuznetsova. Moskva, Nauka, Vol. 2. [Studies in relativity theory, 1921-1955] Raboty po teorii otnositel'nosti, 1921-1955] 1966. 677 p. (Klassiki nauki)

The 50th anniversary of the general theory of relativity, B. G. Kuznetsov, Zem. i vesl. 2 no. 2:31-35 Mr.-Ap '66.

Five-dimensional relativistic system, I. U. P. Pyt'ev, Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2:102-108 Mr.-Ap '66.

Use of external differential forms to describe electromagnetic fields in the general theory of relativity, F. I. A. Malybaeva, Dokl. AN Tadzh. SSR 9 no. 2:16-19 '66.

RELIABILITY (ENGINEERING)

- Club of quality promoters. I. Khrestin, NTO 8 no. 4 21-23 Ap '66.
- Dmitriuk, G. N., and I. B. Plask. [Reliability of mechanical systems] Nadezhnost' mekhanicheskikh sistem. Moskva, Mashinostroyeniye, 1966, 187 p.
- Problem of reservation in systems with branching structure I. A. Ushakov, I. V. Kononov, Izv. AN SSSR Tekhn. kib. no. 3 104-106 My-Je '66
- Reliability of air navigation G. F. Molodtsov, Mol. shor. 47 no. 2 17-25 F '64

RELIGION—CONTROVERSIAL LITERATURE

- Anonima, O. A. [Technical progress and religion] Tekhnicheskii progress i religiya. Moskva, Izd-vo "Znaniye," 1966 48 p. (Novoe v zhizni, nauke, i tekhnike XII Seriya Estestvoznaniye i religiya, no. 1)
- A sermon by a modernist priest. N. Miroshnichenko, N. Tikhonchuk Mol. komm. no. 2 89-91 '66.

RELIGION, PRIMITIVE see subdivision under Azerbaijan

RELIGION AND COMMUNISM see Communism and religion

REMEZ, YEVGENII IAKOVLEVICH, 1898-

- Yevgeni Iakovlevich Remez on his 70th birthday V. K. Dzilydy, I. A. Mitropolskii Upr. nat. zhur. 18 no. 3 97-99 '66

REMOTE CONTROL

- Automatic control with programmed control for proportioning the liquid components of rubber compounds N. A. Tsimbalenko, Kauch. i rez. 28 no. 1 11-15 '66
- Automating the preparation of slurry from soft rock. I. A. Gol'fand, I. V. Pineshtein Tsement 32 no. 2 21-22 Mi-Ap '66.
- Composite remote control system K. G. Mitushkin, Flek. sta. 37 no. 2 53-56 F '66.
- Determination of the functioning period of remote control systems. R. P. Zlabov Avtom. i telemek. no. 4 162-167 '66
- A device for air-flow measurements by remote control. I. V. Piatetskii Met. i gornorud. prom. no. 2 67-69 Mi-Ap '66.
- Economic justification for telemechanizing line structures of petroleum products pipelines A. I. Vladimirov, B. B. Ben'iaminov Transp. i kharan. nefti i nefteprod. no. 3 6-10 '66
- From the experience of planning the remote control of stock oil tank farms A. I. Keibalov, S. G. Markaev, D. S. Ryss Transp. i kharan. nefti i nefteprod. no. 9 21-24 '65
- In the State Committee on Petroleum Production attached to the State Planning Committee of the Council of Ministers of the U.S.S.R. Nef. khoz. 43 no. 7 67-68 Ji '65
- Installation for remote control of the dropping of anchors. V. Zykov, Rech. transp. 24 no. 9 31 '65.
- Remote control is fine. B. Marukh Nefteknik 10 no. 9 30-31 S '65.
- Remote control of the mirror of an optical computer. I. B. Pereslavtsev, Tekh. kino i telev. no. 4 66-67 Ap '66.
- Remote-control switching on of a transformer substation. P. G. Baldyk, Vest. protivovozd. obor. no. 8 73 Ag '65.
- Remote-control switching on of power sets of a radar station. F. M. Ushakov, A. N. Glazunov, Vest. protivovozd. obor. no. 4 68-69 Ap '65.
- Remotely controlled main ventilation fans N. K. Vilisov, Gor. zhur. no. 4 63-64 Ap '66
- Responsibility for petroleum production under remote control. I. U. Simonov, Nefteknik 10 no. 11 15-17 N '65.
- Reversible remote control of rotary pipes in the elevator of the Tsurupa Milling Combine. B. Krichigin, Muk. olov. prom. 32 no. 3 11-12 Mi '66
- Using remote control in the operation of cathodic and electric-drainage units for pipelines V. I. Antoshin, E. A. Nikitenko, Gaz. delo no. 3 28-31 '65

REMOTE CONTROL—ABSTRACTS

- [Automatic control, remote control, and computer technology] Ref. zhur. Avtom. i telemek. i vych. tekhn. no. 5 My '66

RENAISSANCE

- The artist and the time; the Czech novel on the Italian Renaissance. D. Gorbov, Nov. mir. 42 no. 3 220-242 Mr '66.

RENAL HYPERTENSION

- Histochemical study of some enzymes in a hypertrophic myocardium during experimental renal hypertension. N. M. Pozdunina, Arkh. pat. 28 no. 2 19-24 '66.
- Study of some hemodynamic indices in experimental renal hypertension. T. Mansurov, Fiziol. zhur. [Ukr.] 10 no. 6 784-782 N-D '64.

RENT (ECONOMIC THEORY)

- Absolute rent and the law of the growth of rent. I. Zagaitov, Mir. ekon. i mezhduar. otn. no. 5 89-96 '66.

RENTAL AUTOMOBILES see Automobiles, Rental

REPORTERS AND REPORTING

- (see also subdivision under Kiev Province, United States)
- The conscience of reporters. V. B. Lukov, Sov. pech. no. 11 10-11 N '61.
- As confidants growing in a new field. V. Kostomarov, Sov. pech. no. 11 33-36 N '61.
- The law of the continuity of structure. I. U. Zolotarev, Sov. pech. no. 11 62 N '61.
- We need more such "honest" and "possessed" reporters. V. Golosheva, Sov. pech. no. 11 16-19 N '61.

REPRODUCTION

- Age-related structure of populations and the dynamics of fecundity of game animals P. B. Iugensen, Zool. zhur. 15 no. 2 161-171 '66.
- Effect of hypoproteinemia on the reproductive function and general condition of cattle A. I. Puchkovskii, Uch. zap. KVI 63 184-205 '64.
- Effect of variously preserved beef on the reproduction function in rats and their offspring. G. I. Bondarev, L. S. Gubovitskaya, Vop. pit. 25 no. 2 55-58 Mr-Ap '66
- Reproduction of seals of the family Phocidae in the northern part of the Pacific Ocean. E. A. Tikhomirov, Zool. zhur. 45 no. 2 275-281 '66.

RESCUE WORK—STUDY AND TEACHING

- For rescuers. I. U. Kammerei, V. Tkachev, Voenn. zhur. 12 no. 5 23-21 My '66

RESEARCH

- (see also subdivision under Italy, Kazakhstan; Ukraine)
- Conditions of the fourth All-Union general review of the fulfillment of plans for scientific research and the introduction of the achievements of science and technology into the national economy. Metaloved, i term. obr. met. no. 6 50-61 Je '65.
- Prikhodko, P. T. [On the path of science; introduction to the organization and technique of research of young scholars] Tropol nauki, vvedenie v organizatsii i tekhnika nauchno-issledovatel'skoi raboty molodogo uchenogo. Izd. 2., ispr. i dop. [Novosibirsk] Nauka, [1966] 142 p.

RESEARCH, INDUSTRIAL

- (see also subdivision under Europe, Eastern)
- Efficiency problems are in the center of attention. E. N. Kogut, I. V. Savitskii, Vest. vys. shkoly 24 no. 4 40-48 Ap '66
- In honor of the Congress; brief news. Vest. vys. shkoly 24 no. 3 15-16 Mr '66.
- Organization of the Fourth All-Union Public Review of the Fulfillment of the Plans for Scientific Research Work and Application of Achievements of Science and Technology in the National Economy Kauch. i rez. 24 no. 3 53-54 Mr '65

RESEARCH LIBRARIES see subdivision under Ukraine

RESERPINE

- Effect of reserpine on the course and outcome of typhoid intoxication in rabbits and pneumococcal infection in rats. Z. A. Popenkova, Pat. fiziol. i ekspt. terap. 10 no. 1 1-72 Ja-F '66.
- Hypoglycemic effect of reserpine. R. M. Pastovskaya, Pribl. endok. i gorm. 12 no. 2 30-39 Mr-Ap '66.

RESERVOIRS

- All-Union Scientific Technological Conference on Multipurpose Use of Reservoirs. V. I. Rutkovskii, Izv. AN SSSR, Ser. geog. no. 2 151-152 Mr-Ap '66.
- Construction of precast reinforced concrete reservoirs. D. V. Prokhorov, L. N. Ivanov, Transp. stroit. 15 no. 8 24-26 Ag '65.
- Methodology for calculating the position of the boundary of freshwater lens in seepage from a reservoir, taking into consideration the different densities of fresh and salt waters. V. D. Grodzonskii, Izv. vys. uchob. zav.; geol. i razv. 9 no. 4 141-142 Ap '66.
- Multipurpose use of reservoirs; hydraulic construction and problems in the fishery management of the U.S.S.R. A. B. Avakian, Izv. AN SSSR, Ser. geog. no. 2 28-37 Mr-Ap '66.

- Rumiantsev, A. M. [Regulation of the use of the water resources of reservoirs] Regulirovanie ispol'zovaniia vodnykh resursov vodokhranilishch. Pod obshego red. T. L. Zolotareva. Moskva, Energiya, 1966. 115 p.

RESERVOIRS—DESIGN AND CONSTRUCTION

- Using mathematical programming methods in selecting the site and volumes of irrigation basins. O. G. Solomonov, N. Sh. Bolgashvili, Soob. AN Gruz. SSR 41 no. 2 375-381 F '66.

RESIDUAL STRESSES

- Influence of the welding conditions and the rigidity of welded article on the internal deformation of the metal of joints N. N. Prokhorov, N. Nikol, Prokhorov, Avtom. svat. 19 no. 1 15-20 Mi '66
- Influence of welding procedure on the formation of longitudinal hot cracks V. I. Dlatov, V. S. Sidorov, Avtom. svat. 19 no. 3 21-25 Mi '66
- Methods of determining residual axial stresses in the surface layers of metals. I. V. Karpenko and others, Fiz.-khim. mekh. mat. 2 no. 1 3-9 '66.
- Prevent the fracture of welded joints in austenitic steel vessels. N. A. Izumskii, R. O. Roin, Bezop. trud. v prom. 7 no. 11 16 N '63.
- Removing cracks at the root of girth joints. V. I. Nefedov, V. A. Kovtunenka, Avtom. svat. 19 no. 3 57-60 Mi '66.

RESIN ACIDS

- Quantitative composition of resin acids of the Chinese pine resin (Pinus palustris Lamb.) I. I. Baidychev, Kh. A. Chetchev, Z. I. U. Kovtunenka, Zhur. prikl. khim. 38 no. 2 410-412 F '65.

RESINOGRAPHY

- Preparation of ultrathin cuts of rubber and vulcanizates G. T. Tkachenko, Kauch. i rez. 28 no. 1 52-54 '66.

RESINS, SYNTHETIC

- Alkali lignin as substitute for phenol raw materials in the condensation of phenol-formaldehyde resins for plywood bonding A. D. Ivanenko and others, Ber. prikl. khim. 18 no. 10-10 Ap '66
- Corrosion-resistant metal films based on furan resins B. V. Lopatin, Gidrol. i lesokhim. prom. 18 no. 1 12-13 '66
- Improved technology for the production of carbamide resins with the use of synthetic butanol. M. A. Shashin, P. F. Moshkov, V. P. Antukhova, Izv. vuz. mat. i kh. prikl. no. 1 29-30 '66
- Polyamide resins. L. Malkina, Porsh. delo no. 11 31 '65.
- Studying the physicochemical properties of condensation resin solutions sprayed in the electric field. V. A. Gubonskii, I. A. Kozlov, and I. Kh. p. khim. no. 2 10-11 '66.

RESISTANCE TO INSECTICIDES

- Resistance of granary pests to poisonous chemicals A. A. Brudnaya, A. N. Chudnova, N. I. Anashina, Izv. VNIIZ no. 53 109-123 '64.

RESONATORS

- Small modes of nonsymmetrical resonators with an optical inhomogeneous region (lens) between mirrors. I. A. p. fiz. aspekt. 4 no. 3 230-235 Mi '66.

RESORCINOL

- Complex formation in the system vanadium(V) - pyridyl-2-(2-azo-4)-resorcinol - quinone. A. K. Babko, A. I. Volkova, T. E. Get'man, Zhur. neorg. khim. 11 no. 2 374-380 F '66.

RESPIRATION

- Analysis of the mechanisms determining the rate of filling of the lungs with air after birth I. A. Tikhonchuk, Zh. zh. eksp. biol. i med. 61 no. 3 71-70 Mi '66.
- Changes in the activity of the nervous of the chest and abdomen during respiration under excessive intrapulmonary pressure. V. A. Safonov, G. G. Chernova, M. V. Kirzon, Fiziol. zhur. 52 no. 4 403-410 Ap '66.
- Changes in the functional state of the respiratory center under the effect of coltoxicosis. I. P. Garantina, Uch. zap. KVI 63 132-140 '64.
- Effect of cytisine hydrochloride on the oxygen consumption of white rats. N. M. Mikhailov, Farm. i toka. 24 no. 4 401-482 Ji-Ag '65.
- Effect of thunderstorms on the excitability of the respiratory center. P. A. Shovkun, Nef. vop. khim. i krov. pat. no. 4 50-51 '65.
- External respiration and basal metabolism in abdominal traumas. P. I. Mymlikov, Vop. travm. no. 2 111-117 '63.
- Interrelations of the inspiratory and expiratory electric activity of respiratory neurons in an anaphylactic shock. I. P. Garantina, Uch. zap. KVI 63 223-131 '64.
- Method for determining carbon dioxide in the alveolar air based on pCO₂ in mixed venous blood. N. N. Kanaev, Fiziol. zhur. 52 no. 4 431-433 Ap '66.
- Methodology of calculating the due indices of pulmonary ventilation volumes. O. A. Lastkov, F. P. Iankavals, Sov. med. 28 no. 3 124-125 Mr '66.
- Neurological evaluation of respiration disorders in brain tumors. V. I. Samoilov, Vop. neirokhim. no. 3 25-20 '65.
- Relation of the maximal pulmonary ventilation to the maximal pulmonary velocities of inspiration and expiration. A. A. Penkovitch, Fiziol. zhur. 52 no. 4 411-414 Ap '66.

RESPIRATORY ORGANS

- Reflexes from mechanoreceptors of the upper respiratory tracts in radiation sickness. R. A. Fel'shteyn, I. N. Iampol'skii, Radiobiologiya 6 no. 2 236-233 '66.

ROCKS, IGNEOUS—ANALYSIS

(see also subdivision under Kazakhstan, Lovo/oro Tundras)

Composition of the rare-element group in igneous rocks. El Aleksov. Geokhimiia no. 2 211-215 F '66.

ROCKS, SEDIMENTARY

(see also subdivision under Kirgizia, Kustanay Province, Orenburg Province, Perm Province, Russian Platform, Volga Valley, Yakutia)

Change with time of diffusion-adsorption potentials of sedimentary rocks. J Kozel. Tudy MINKHIGP no. 56:29-35 '66.

Correlation relationship between the density and the propagation velocity of elastic waves for sedimentary rocks. I. N. Mikhailov. Prikl. geofiz. no. 45 119-130 '65.

Determination of stages of the total volume of catagenetic alterations in sedimentary rocks. B. K. Chichua. Sov. geol. 9 no. 3:106-116 M '66.

Lithochemical characteristics of cover sediments in the Lom-Tema interfluvium. S. D. Makinach, S. L. Shymayevich. Vest. AN BSSR, Ser. khim. nav. no. 4:83-91 '65.

New type of cross lamination. V. A. Gromagel, L. S. Smirnov. Lit. i pol. iskop. no. 2:135-139 Mh-Ap '66.

ROCKS, SEDIMENTARY—ANALYSIS see subdivision under Starobin region (White Russia)

ROCKS, SEDIMENTARY—ELECTRIC PROPERTIES

Relationship between the specific resistance of sedimentary rocks and temperature. J. Kozel. Tudy MINKHIGP no. 56:23-28 '66.

ROCKS, SEDIMENTARY—PERMEABILITY see subdivision under Donetsk Basin

ROCKS, SEDIMENTARY—RADIOACTIVE PROPERTIES

Method for studying the radioactivity of sedimentary rocks in situ. V. V. Lashinov, M. D. Shvaytman. Tudy MINKHIGP no. 56:57-66 '66.

ROCKS, SILICEOUS see subdivision under Ural Mountains

RODE, ALEKSEI ANDREEVICH, 1890-

Aleksei Andreevich Rode, his 70th birthday and 45 years of scientific research activity. I. N. Skrynnikova. Pochvovedenie no. 4:90-94 Ap '66.

RODENTS—EXTERMINATION see subdivision under Moscow Province

RODENTS—PARASITES see Parasites—Rodents

RODENTS AS CARRIERS OF DISEASE see subdivision under Soviet Far East

ROGACHEV DISTRICT—BANKS AND BANKING

Work practice in the fulfilling of the payment and receiving plan. L. Sazonova, R. Antonenko. Don. kred. 24 no. 4:54-55 Ap '66.

ROLLAND, ROMAIN, 1896-1944

In the Institute of Literature. Rad. lit. 10 no. 3:85 M '66.

Rolland Lectures. Vest. AN SSSR 36 no. 3:104-105 M '66.

Romain Rolland and Roger Martin du Gard. V. E. Balashonov. Vest. LGU 21 no. 8:111-122 '66.

Romain Rolland as appraised by Aragon. N. P. Orlyk. Rad. lit. 10 no. 3:30-35 M '66.

Tribute to Romain Rolland on the centenary of his birth. T. Motyleva. Nov. mir 42 no. 1:229-240 Ja '66.

ROLLING (METALWORK)

Accuracy of producing the nominal width of sheets on reversing plate mills. A. I. Gerisov, M. I. Boyman. Stal' 26 no. 4:334-337 Ap '66.

Analyzing conditions of the hot rolling of metals in vacuum and in an inert gas atmosphere with the help of the thermodynamic method. A. N. Krestovnikov and others. Shor. Inst. stal' i splav. no. 41 189-195 '66.

Conditions for carrying out the process of continuous pipe rolling on mandrels. A. N. Kirichenko, I. P. Savkin. Proizv. trub no. 15:9-16 '65.

Effect of billet reduction on the quality of large forgings. G. S. Grebeniuk. Kuz. i stam. proizv. 6 no. 10:1-4 O '64.

Effectiveness of metal deformation and its evaluation. I. M. Pavlov, P. M. Avrunin. Izv. AN SSSR, Met. no. 2:69-75 Mh-Ap '66.

Evaluating the uneven thickness of a hot-rolled strip. A. L. Khotomlanskii. Izv. vyz. ucheb. zav. i chern. met. 9 no. 4:86-91 '66.

Forward slip and the deformation of metal between stands during continuous rolling. A. P. Chokmarov, I. I. Onishchenko, S. A. Oldizovskii. Izv. vyz. ucheb. zav. i chern. met. 9 no. 4:77-80 '66.

Investigating the resistance to deformation during cold rolling of strips of VT14, VT15, and VT16 alloys. I. M. Pavlov and others. Tsvet. met. 39 no. 4:72-73 Ap '66.

Mastering pipe reduction with the "30-102" continuous pipe rolling mill. A. A. Shevchenko and others. Proizv. trub no. 15:5-9 '65.

Measuring the thickness of pipe walls during the process of hot rolling. A. I. Nikitin. Proizv. trub no. 15:101-107 '65.

Metal deformation in box grooves of a KHM mill and structural steel mill with slitting of the strip. N. A. Chelyshev and others. Izv. vyz. ucheb. zav. i chern. met. 9 no. 4:93-101 '66.

Methods of reducing metal consumption in the production of two-layer steel. D. I. Pirizayev and others. M. i. i. gornorud. prom. no. 2 32-44 Mh-Ap '66.

Relative displacement of metal and the freely floating mandrel during pipe rolling on a continuous-operation mill. P. P. Lavrov. Stal' 26 no. 1:445-448 Ap '66.

Roll bite on the billets in diagonal rolling. V. I. Ostrenko, I. U. M. Mitonov. Proizv. trub no. 15:25-30 '65.

Rolling of butt welded blanks. A. P. Chokmarov and others. Avtom. svaz. 10 no. 3:1-6 Mh '66.

Speed conditions and loading in pipe rolling on long mandrels. A. A. Shevchenko, I. A. Chokmarov. Proizv. trub no. 15:15-21 '65.

Tension limit during the continuous rolling in grooves of solid ingots and pipes. I. A. Fomichev, A. N. Kirichenko. Izv. vyz. ucheb. zav. i chern. met. 9 no. 4:81-85 '66.

Thermodynamic analysis of conditions for the noncold-chilling rolling of tungsten in vacuum at high temperatures. A. N. Krestovnikov and others. Shor. Inst. stal' i splav. no. 41 189-204 '66.

ROLLING MILLS

Character of metal flow and edge forming on billets during their plugging on a wheel-rolling mill. A. F. Zviagintsev. Proizv. trub no. 15:116-119 '65.

Rolling of shapes on the 250 and 350 mills of the Donetsk Metallurgical Plant. G. G. Pobegailo, V. D. Dmitriev. M. i. gornorud. prom. no. 2:41-46 Mh-Ap '66.

Three-roll mill for processing scrap metals. I. S. Gendelevich. Bluz. tekhn. i ekon. inform. Gos. nauch. i inst. inst. nauch. i tekhn. inform. 19 no. 4:44 Mh '66.

ROLLING MILLS—COSTS

Reducing consumption coefficients in sheet rolling mills. E. A. Oskolkov, N. I. Kovalev, V. M. Belinev. Metallurg II no. 4:22 Ap '66.

ROLLING MILLS—DESIGN AND CONSTRUCTION

(see also subdivision under Siberia, Western)

Advanced methods of building rolling mills. A. Chetnyl, D. Feigin. Na stroit. Ros. 7 no. 3:3-5 Mh '66.

Coefficient of stress concentration for the calculation of rolling mill stands for fatigue strength. D. I. Shutov, I. D. Sokolov. Izv. vyz. ucheb. zav. i chern. met. 9 no. 4:188-190 '66.

Energy and power parameters during the combined rolling and extrusion process. T. M. Golubev and others. M. i. gornorud. prom. no. 2:46-47 Mh-Ap '66.

ROLLING MILLS—EFFICIENCY

Indicators of the position of the plunger of pilgrim mill feeders. B. I. A. Palei and others. Proizv. trub no. 15:107-110 '65.

ROLLING MILLS—ELECTRIC DRIVING

Force and power parameters of ingot rolling. V. S. Soldatov and others. Izv. vyz. ucheb. zav. i chern. met. 9 no. 4:101-109 '66.

ROLLING MILLS—EQUIPMENT AND SUPPLIES

Potential reserves of productivity of rotary plate shears. S. M. Nosenko. M. i. gornorud. prom. no. 2:66-68 Mh-Ap '66.

ROLLING MILLS—LABOR PRODUCTIVITY see subdivision under Ukraine

ROLLING MILLS—MAINTENANCE AND REPAIR

Buildup welding of worn-out bronze parts of metallurgical equipment. G. P. Khmel' and others. Avtom. svaz. 10 no. 3:69-71 Mh '66.

Organization of roll changing on pilgrim mills. I. U. A. Bannik and others. Proizv. trub no. 15:126-129 '65.

ROLLING MILLS—PROTECTIVE ATMOSPHERES

Using vacuum and an inert gas for the pressure working of metals. I. I. Krivososov, F. E. Dolzhenkov, F. R. Volchek. Metallurg II no. 4:26-29 Ap '66.

ROLLING MILLS—SPEED

Problem of "speed effect." A. N. Popov. Stal' 26 no. 4:342-345 Ap '66.

ROLLING MILLS—TESTING

Determining the speed conditions of removing mechanisms on light-section mills. V. Golmanets, E. Tsybanov, E. Litarenko. Metallurg II no. 4:24-25 Ap '66.

ROLLS (ROLLING MILLS)

Grooving of rolls for the production of electrically welded rectangular and oval pipe. A. A. Tokarev. Proizv. trub no. 15:47-50 '65.

Increasing the durability of backup rolls on four-high mills and improvement of sheet section. K. N. Tsalich, A. V. Parshin, L. N. Lesik. Stal' 26 no. 1:338-341 Ap '66.

ROLLS (ROLLING MILLS)—DESIGN AND CONSTRUCTION

Grooving the rolls of the KhPT rolling mills providing for a better use of the plasticity of the rolled metal and a better quality of internal pipe surfaces. O. A. Semenov and others. Proizv. trub no. 15:31-39 '65.

ROMASHKIN, TIMOFEI TERENT'EVICH

Life of Timofei Romashkin. Grazhd. av. 22 no. 4:6-7 Ap '65.

ROMASHKINO REGION (TATAR A. S. S. R.)—PETROLEUM—ANALYSIS

Isolation of adamantine from paraffinic crudes. S. Iala, M. Kuras, S. Landa. Neftekhimiia 6 no. 1:3-8 Ja-F '66.

ROMASHKINO REGION (TATAR A. S. S. R.)—PETROLEUM—REFINING

Production of butylenes and divinyl by pyrolysis of fractions of Romashkino crudes. Pyrolysis of fractions of varying molecular mass. M. Taniowski, G. Otomba. Neftekhimiia 6 no. 1:63-68 Ja-F '66.

ROME—SLAVERY

Slaves and the problems of slavery in the Codex Theodosianus. G. E. Lebedeva. Vest. LGU 21 no. 8:76-83 '66.

ROOFING—STANDARDS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Provisional instructions for designing mastic roofing reinforced by vitreous materials] Vremennyye ukazaniya po proektirovaniu mastichnykh krovli, armirovannykh steklomaterialami (SN 312-65). Moskva, Stroizdat, 1965. 18 p.

ROOFING, CONCRETE

Removing water from reinforced-concrete roofs. I. U. Avrutin. Stal' i arkhit. Mosk. 15 no. 4:26-29 Ap '66.

ROOFING, SLATE see subdivision under Ural Mountains

ROOFS—THERMAL PROPERTIES see subdivision under Estonia

ROOFS, SUSPENSION

Calculation of suspension systems of finite rigidity for an asymmetrical load. V. N. Shimanovskii. Stroi. konstr. no. 3:113-122 '65.

Kosenko, I. S. [Suspension elements of roofs; practices in foreign countries] Vyslezhko konstruktiv. pokrytiy, znabuzhnyy opyt. Moskva, Stroizdat, 1966. 83 p.

ROOT CROPS—FERTILIZERS AND MANURES see subdivision under Yakhtoma Valley

ROOT ROT

Resistance of clover and alfalfa varieties to root rot. P. A. Lubenets. Shor. Inst. VIR no. 2:61-65 '64.

ROOTS (BOTANY)

Biology of the root system of Carex physodes M. B. N. 2. Nechev, G. E. Iushchenko. Izv. AN Turk SSR, Ser. biol. nauk no. 1:3-11 '66.

Development of the root system of a young laurel under various conditions of nutrition. D. A. Vaidukadze. Subtrop. kul't. no. 4:93-104 '65.

Effect of chloramphenicol on the formation of root enlargements induced by α -naphthylacetic acid, 6-benzylaminopurine and colchicine. V. B. Ivanov. Dokl. AN SSSR 167 no. 5:1184-1186 Ap '66.

Formation and vitality of root systems of woody plants in pure and mixed stands. I. N. Rakhisevskaya. Vest. AN BSSR, Ser. biol. nav. no. 1:16-24 '65.

Nitrogen and carbohydrate metabolism of the roots of bearing and nonbearing apple trees. V. O. Kazarian, R. G. Arutunian. Fiziol. rast. 13 no. 2:332-338 Mh-Ap '66.

Participation of the root system in the carotene synthesis of carrot plants. P. M. Shytan. Ukr. bot. zhur. 23 no. 2:20-26 '66.

ROS MARINE—PHYSIOLOGICAL EFFECT

Mechanism of the effect of rosmarinic acid on the cardiovascular system. V. I. Legchev. Farm. i toks. 29 no. 2:170-172 Mh-Ap '66.

ROSTOCK (EAST GERMANY)—CITY PLANNING

Design of the center of a new residential district in Rostock. A. I. A. Macheret. Stal' i arkhit. Len. 28 no. 4:32-34 Ap '66.

ROSTOV-ON-DON-COMMUNISTS

Under sonchod, else's name, letters to the editor Part zhizn' no 10 65-66 My '66

ROSTOV-ON-DON-CONSTRUCTION INDUSTRY-MANAGEMENT

Economic controls, scientific organization of work, and independence F Tarasov Na stroi Ros 7 no 3,22-23 Mr '66

ROSTOV-ON-DON-LOADING AND UNLOADING

New machine for evening up timber bundles, I. Malafants, Rech transp. 25 no.3 45-46 '66

ROSTOV PROVINCE-CRICKETS

Observations on the field cricket Gryllus desertus Pall. in Rostov Province, V. A. Minoranski, Zool. zhur. 45 no. 3:383-389 '66.

ROSTOV PROVINCE-LIBRARY SCIENCE

This is how we have developed the system of work, N Simagina, Bibliotekar' 43 no.4:50-51 Ap '66

ROSTOV PROVINCE-RICE

Rice cultivation in Rostov Province, A. M. Migunova, L. P. Parfenov. Odr. i mel. 18 no. 4:21-26 Ap '66

ROTARY CONVERTERS

Compounded frequency and voltage regulatory system for electromechanical converters, D. A. AyeUsian, Elektrotekhnika 37 no. 4:28-30 Ap '66.

ROTARY KILNS see Kilns, Rotary

ROTATING BODIES

Resonance vibrations and rotations of a pendulum with a vibrating point of suspension, A. I. Gadienko Ukr mat zhur 18 no 2:102-106 '66.

Spinor representations of a rotation group on a sphere, S. S. Svinikov, Ukr fiz. zhur 11 no. 4:448-449 Ap '68

ROTATION OF CROPS

Continuous use of fertilizers and balance of nutrients in crop rotation, S. T. Ligum Agrokhnimia no. 4:71-79 Ap '66

Effectiveness of fallowing on dry lands of southeastern Kazakhstan G. G. Belchorodova, E. M. Zerkova Vest sel'khoz. nauk [Kazakh.] 9 no 3:28-34 Mr '66

Growing alfalfa and corn in cotton crop rotation, M. P. Makarov, Bluz. KirgNITZ no. 5:18-23 '60.

Raising corn as a fallow crop is a way for promoting the growing of winter wheat in Sverdlovsk Province, Z. A. Koltsova, Zemledelie 26 no. 11:54-57 N '61.

Some problems of the fertility of Chernozem soils as related to the use of row crop rotation, D. I. Burov, I. A. Chudanov, Sbor. trud, po agrok. i z. no. 11:196-204 '65.

Wide-row planting on green fallow, M. I. Tsveikov, P. M. Ivanova, Zemledelie 26 no 11:57-61 N '64.

ROVE BEETLES

New Xantholinini (Coleoptera, Staphylinidae) from the Soviet Union, H. Colfalt, Zool. zhur. 45 no. 2:195-202 '66.

ROVNO PROVINCE-MEASLES-PREVENTIVE IMMUNIZATION

Results of vaccination against measles using a live vaccine in the city of Rovno and in Rovno Province, I. F. Levchenko, Trudy Len. inst. epid. i mikrobiol. 28 411-415 '65.

ROWING see subdivision under Yamslav

ROWLANDITE

Rowlandite, O. A. Sidorenko, Geol. mest. red. elem. no. 26:117-120 '66.

ROZDOL REGION (UKRAINE)-SILICA

Pseudomorphoses of quartzine and some geochemical processes in the producing layer of the Rozdol sulfur deposit, A. I. Shalutuk, Geol. i geokhim. mestorozh. i ver. gor. isk. no. 1:81-90 '65.

ROZDOL REGION (UKRAINE)-SULFUR

Effect of weathering on sulfur ores in the Rozdol deposit, M. G. Portsovich, Geol. i geokhim. mestorozh. i ver. gor. isk. no. 1:71-80 '65.

ROZDOL REGION (UKRAINE)-VIVIANITE

Vivianite from Rozdol in Lvov Province, M. B. Ripun, Geol. zhur. 23 no. 6:83-88 '63.

ROZDOL REGION (UKRAINE)-WEATHERING

Effect of weathering on sulfur ores in the Rozdol deposit, M. G. Portsovich, Geol. i geokhim. mestorozh. i ver. gor. isk. no. 1:71-80 '65.

RUBAKIN, NIKOLAI ALEKSANDROVICH, 1862-1946

Razgon, L. E. [Under the monogram "Rb"; a look about N Rubakin] Pod snifrom "Rb", kniga o N. Rubakine Moskva, Znanie, 1966 125 p

RUBBER

Effect of branched structures of the physical and mechanical properties of natural rubber vulcanizates A. V. Igumova, B. A. Dogadkin, V. N. Kuznetsov Koll zhur. 28 no 2 229-233 Mr -Ap '66

Influence of carbon black on the interaction of rubber with sulfur and accelerators B. A. Dogadkin, Z. V. Skorodumova, M. S. Feldshteln, Koll zhur. 28 no. 2 214-217 Mr -Ap '66.

RUBBER-TESTING

Strength of bonds between rubbers in multilayer systems under a symmetrical alternating load, A. I. Lukomskaya Kauch i rez 24 no 3 31-35 Zh '65

RUBBER, SYNTHETIC

(see also subdivision under Karaganda)

Calculating energy input for mixing during polymerization in the production of synthetic rubber, I. S. Pavlushenko, V. I. Begachev, L. N. Braginskii, Trudy NIKHIMMASH no. 46:82-88 '63

Copolymerization of rubber, vulcanizates and polyethylene with styrene, A. I. Vasilev, I. A. Tutorekhi B. A. Dogadkin Kauch i rez 24 no 3 9-11 Mr '65.

Effect of temperature on the viscosity of butadiene-styrene latexes, V. L. Kuznetsov and others Kauch. i rez 24 no 3 16-19 Mr '65

Experimental study of heat transfer during the motion of viscous fluids in a model tubular polymerization apparatus, O. V. Domanskii, G. N. Vasilev, Trudy NIKHIMMASH no. 46:52-61 '64.

Film materials with a base of polyvinyl chloride and rubber, I. U. Mishustin and others, Nauch.-issl. trudy VNIIPK no. 15:80-85 '64.

Mechanism of rubber reinforcement with thermosetting resins, B. N. Dinzhing and others Kauch i rez 24 no. 3 12-15 Mr '65

"Onium" interpolymerization of butadiene-vinylpyridine rubber with some chlorine-containing polymers, J. L. Shumakov, R. V. Uznia, A. A. Berlin, Vysokom. sood. 8 no. 3 461-464 Mr '66.

Properties of rubber compounds and vulcanizates based on a combination of pyridine- and carbonyl-containing rubbers, E. P. Kopylov, E. G. Lazalets, V. G. Epshteln, Kauch. i rez. 25 no 4:3-6 '66

Sole rubber with a base of butadiene "SKD" rubber combined with butadiene-styrene latexes, B. N. Dinzhing, N. N. Stozheva, B. A. Safrai, Kuzh. -obuv. prom. 8 no 3 24-27 Mr '66

Studying heat transfer in apparatus with a mixer during the work with synthetic rubber solutions, A. S. Kapustin, Trudy NIKHIMMASH no. 46:29-41 '64.

Synthetic butadiene-silicon-styrene rubber, T. D. Naghibina and others, Kauch i rez. 25 no 4 2-3 '66.

RUBBER, SYNTHETIC-TESTING

Effect of some formula features on the resistance to aggressive media of rubber made from chlorosulfonated polyethylene, N. A. Bogdanovich and others Kauch. i rez 24 no 3 19-21 Mr '65

Effect of the magnitude of the static deformation on the dynamic fatigue strength of nitril rubber, I. T. Orlov, S. F. Priakhina Kauch i rez. 24 no. 3:36-38 Mr '65

RUBBER, SYNTHETIC-THERMAL PROPERTIES

Development of the formulas and methodology for the manufacture of soles for protective footwear, V. V. Chelkova, B. A. Safrai, Nauch.-issl. trudy VNIIPK no. 16:24-30 '64.

RUBBER GOODS

Churilin, M. E. [Manufacture of technical rubber goods] Proizvodstvo rezinovykh tekhnicheskikh izdelii. Moskva, Vysshaya shkola, 1966, 80 p.

Method of determining the thickness of lacquer coatings, V. N. Provorov and others, Kauch i rez. 24 no. 3:50-52 Mr '65.

RUBBER GOODS-CLASSIFICATION

Classification of molded-rubber machine parts and some ways to improve their design, B. M. Gorelik, Kauch. i rez. 25 no. 1 14-18 '65.

RUBBER INDUSTRY-HYGIENIC ASPECTS

Comparative toxicity of Santoflex A and acetonol, G. I. A. Koltman Kauch i rez. 24 no. 3:40-41 Mr '65.

RUBBER INDUSTRY-PRODUCTION STANDARDS

Standard norms for the expenditure of raw products and materials in the manufacture of reclaimed rubber, I. P. Shishkin, Kauch. i rez. 24 no. 3 18 Mr '65

RUBBER MACHINERY

Automatic scales with programmed control for proportioning the liquid components of rubber compounds, N. A. Tsimbalenko, Kauch i rez. 25 no. 4:41-45 '66.

RUBBER MACHINERY-PARTS

Device for flash removal from the mold mountings, P. N. Ilygin Kauch i rez 21 no 3 50 My '64

RUBBER RESEARCH

Planning of experiments in the development of rubber compound formulas, Kh. G. Lurich and others Kauch. i rez 25 no 1 11-14 '66.

RUBBER TIRES see Tires, Rubber

RUBBER TO METAL BONDING

The 88-NP adhesive for cold rubber-to-metal bonding, A. M. Medvedeva and others, Kauch i rez. 25 no. 1 22-25 '66.

RUBBERIZED FABRICS

Increasing the bond strength in rubberized fabrics, M. N. Kolganova, M. S. Monastyrskaya Kauch i rez 24 no 1 29-31 Mr '65

RUBIDIUM COMPOUNDS

Some properties of polymorphic modifications of rubidium trizirconate and trihalate, A. A. Grizik, V. Z. Pributchev, Zhur. neorg. khim. 11 no. 2:243-248 F '66.

RUBIDIUM CHLORIDE

Reduction of rubidium chloride by silfcoalcium, G. N. Zviadadze, L. S. Tabatadze, D. V. Valadze, Zhur. neorg. khim. 11 no. 2:433-436 F '66.

System RbCl - iCl - H₂O at 0°C, V. I. Safonova, I. I. Stophy, G. P. Kuznetsova, Zhur. neorg. khim. 11 no 2 436-438 F '66.

RUBIES

Determination of chromium in ruby, V. G. Shintelnik M. M. Gerasenko Zav. kh. 31 no 6 652-658 '65.

RUBENYY (KUSTANAY PROVINCE)-COMMUNIST YOUTH LEAGUE

Don't be in a hurry to turn over this page of your calendar! A. Levina, Mol. komm. no 4:23-29 J. '64.

RUG AND CARPET INDUSTRY see subdivision under Vitebsk

RUHR VALLEY-STRIKES AND LOCKOUTS

Ruhr workers in the struggle against capitalist exploitation in 1948-1949, A. I. Buzoznik, Uch. zap. MGU no 25 3-34 '61.

RUMANIA-BIBLIOGRAPHY

[New literature on Rumania] Nov. lit. po Rum. no. 3 '66.

RUMANIA-COMMUNIST PARTY

The 45th anniversary of the establishment of the Rumanian Communist Party, A. Durgic, Kommunist 13 no. 7 11-84 My '66.

The 45th anniversary of the Rumanian Communist Party, D. Spivakovskii, Nov. vsem. 23 no. 10:6-8 My '65.

RUMANIA-IRON AND STEEL PLANTS-MANAGEMENT

Visiting our Rumanian friends, I. Kostukov, V. Minichan, P. Fedakov, Metallurg 11 no. 4 58-59 Ap '66

RUMANIA-PEASANT UPRISINGS

History of the revolutionary movement of Rumanian peasants in 1917-1921, P. P. Vandeit, Uch. zap. MGU no. 206:119-153 '64.

RUMANIA-PUBLISHERS AND PUBLISHING

History of Rumanian-Ukrainian publishing relations of the 17th century, H. I. Kottada, Ukr. ist. zhur. 8 no 1 90-102 '64.

RUMANIA-RELATIONS (GENERAL) WITH THE UKRAINE

Postwar cooperation between the scholars and scientists of the Ukrainian S. S. R. and Rumania, L. T. Lisuvych, Ukr. ist. zhur. 10 no. 4:67-65 Ap '66

RUMANIA-SCIENCE-INFORMATION SERVICES

Center for science documentation of the Academy of Sciences of the Socialist Republic of Rumania, P. Ananasiu, NTI no. 2:7-9 '66.

RUMANIA-SEASIDE RESORTS

Improvement of public areas in Rumanian cities, E. Balakshina, Arkhiv. SSSR no. 2:22-25 '66.

RUMEN

Ammonia content of rumen in cattle fed green feeds and corn silage, V. A. Kaplan, N. A. Miroshnichenko, Vest. sel'khoz. nauk 10 no. 3:77-82 Mr '65.

Transformation of some carbohydrates in the content of cattle rumen, I. S. Fikshan, Ukr. biokhim. zhur. 38 no. 2:202-205 '66.

RUMEN—MICROBIOLOGY

Amylase activity of infusoria of the rumen. M. D. Pomor-
na, A. N. Sereden. Ukr. biohim. zhur. 38 no. 2:155-160
'66.

RUMEN—SURGERY

Reproductive function in cows after rumenotomy. A. I.
Puchkovskii. Uch. zap. KVI 92 22-24 '64.
Surgical treatment of traumatic reticular peritonitis in
cattle under farm conditions. V. V. Mosin and others,
Uch. zap. KVI 92:3-9 '64.

RUMEX

Flavone compounds of some types of Rumex. O. K. Bahrii,
P. E. Kyryvchuk. Farmats. zhur. 19 no. 5:64-67
'61.

RUNOFF

(see also subdivision under Georgia, Kikinda Steppe,
Oriente Province, Cuba; Ukraine)
Role of the shelterbelt system in hydrological land
improvement. V. A. Furgov. [Sbornik.] VNIILMI
no. 13:66-71 '63

RURAL CONSTRUCTION

(see also subdivision under Altai Territory, Golodnaya
Steppe; Kazakhstan; Uzbekistan)
Economic efficiency of the intercollective farm coopera-
tion in construction. L. F. Andreeva. Uch. zap. kaf. polit.
ekon. no. 6:27-33 '65.

RURAL ELECTRIFICATION

Calculated expenditures for the production, transmission,
and distribution of electric power in rural areas. L. E.
Ekin and others. Energetik 11 no. 1:7-9 Ap '66.

RURAL ELECTRIFICATION—SAFETY MEASURES

Lobanov, V. N. [Safety measures in work in rural elec-
trical systems] Tekhnika bezopasnosti pri rabote na
sefskikh elekt. ustanovleniakh. Izd. 2., ispr. i dop. Mo-
skva, Vysshaya shkola, 1966, 71 p.

RURAL LIBRARIES see subdivision under Izna
Province

RURAL MEDICINE see Medicine, Rural

RURAL PLANNING

(see also subdivision under Estonia, Kharkov Prov-
ince; Uzbekistan)
Problems in designing for rural areas. M. Dvboeva.
Arkh. SSSR no. 2:62-63 '66.

RURAL YOUTH

(see also subdivision under Kostroma Province)

Are they really "strangers"? O. Kozopolianskii. Mol.
komm. no. 6:30-36 Jc '64.

RUSAKOV, SERGEI IVANOVICH, 1900-

Sixtieth birthday of S. I. Rusakov. Star. prozv. no. 5:
11 My '66.

RUSSIA—AIR FORCE

The law of our life. D. Potolnikov. Av. i kosm.
no. 5:11-14 My '66.

Main objective is the organization of work. A. Efimov.
Av. i kosm. no. 3:7-10 My '66

RUSSIA—AIR FORCE—COMMISSARIAT

Our task is to feed pilots well and on time. A. Strel'tsov.
Tyl i snab. Sov. Voen. Sil 26 no. 3:11-12 Mr '66

RUSSIA—AIR FORCE—MILITARY LIFE

With maximum benefit. G. Voronevich. Av. i kosm.
no. 5:15-19 My '66.

RUSSIA—AIR FORCE—POLITICAL ACTIVITY

Instructions of our party. K. Vorobin. Av. i kosm.
no. 5:2-6 My '66.

The party organization fights for accident free flights.
A. G. Samodurov. Vest. protivovozd. obor. no. 8:12-15
Ag '65.

RUSSIA—ARMED FORCES

Glorify the people. Tekh. i voornzh. 24 no. 2:2-3 F
'63.

Vigilant guard of the fatherland. Mor. sbor. 47 no. 2:
3-8 F '64.

RUSSIA—ARMED FORCES—EQUIPMENT

Initiative and experience. I. Lev and others. Tyl i snab.
Sov. Voen. Sil 26 no. 3:86-89 Mr '66

RUSSIA—ARMED FORCES—MANAGEMENT

Scientific organization of labor. M. Riakovskii. Tekh. i
voornzh. 24 no. 2:36-38 F '66.

RUSSIA—ARMED FORCES—MEDALS, BADOES, DECORATIONS, ETC.

Decorations of the motherland. G. S. Ivanov. Mor. sbor.
47 no. 2:32-37 F '64.

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

Brief news of party and political work. Komm. Vooruzh.
Sil 47 no. 9:93-95 My '66.

The Communist Youth League member is an active fighter.
O. Zinchenko. Sov. voen 18 no. 9:18-19 My '66.

From the editor's mail. Komm. Vooruzh Sil 47 no. 9:
87 My '66

The M. V. Frunze Central Palace of the Soviet Army.
Komm. Vooruzh. Sil 47 no. 9:65-68 My '66.

Members of the Komsomol who serve in the Soviet Army
and Navy prepare for the 15th Congress of the V. I.
Lenin All-Union Communist Youth League. P. Efimov.
Komm. Vooruzh. Sil 47 no. 9:29-35 My '66.

Vital problems facing the Communists and all the
servicemen of the Armed Forces. Komm. Vooruzh.
Sil. 47 no. 9:2-7 My '66.

RUSSIA—ARMED FORCES—SANITARY AFFAIRS

On guard for soldiers' health. D. D. Kuvshinskii. Sov.
voen 47 no. 16:42-44 Ag '65.

RUSSIA—ARMED FORCES—SUPPLIES AND STORES

When one works with initiative. I. Rjabov. Tyl i snab.
Sov. Voen. Sil 26 no. 3:55-58 Mr '66

RUSSIA—ARMED FORCES—TECHNOLOGICAL INNOVA- TIONS

Who should inculcate? V. Smirnov. Tekh. i voornzh.
no. 10:76-77 O '65.

RUSSIA—ARMY—ARTILLERY

Now we know this heroic deed. M. Vainikovskii. Sov.
poch. no. 11:8-9 N '61.

Weapons were forged this way. T. Petrov. Tekh. i
voornzh. no. 10:12-19 O '65

What the rocket gunners' training exercise showed.
M. Zhenitovskii. Tyl i snab. Sov. Voen. Sil 26 no. 3:
23-28 N '66.

RUSSIA—ARMY—FINANCE

Our contribution to the national moneybox. V. Kasperov.
Tyl i snab. Sov. Voen. Sil 26 no. 3:52-51 Mr '66

Some problems of the economics of military installations.
M. Babakov. Tyl i snab. Sov. Voen. Sil 26 no. 3:10-14
Mr '66.

RUSSIA—ARMY—MILITARY CONSTRUCTION OPERA- TIONS

By the continuous method. N. Romanov, N. Varakosin.
Tekh. i voornzh. 24 no. 2:63-65 F '66.

RUSSIA—ARMY—OFFICERS

Habits of work with subordinates are acquired this way.
V. N. Zhigulin and others. Vest. protivovozd. obor.
no. 4:20-27 Ap '65.

Leninist style into the work of every officer. L. F. Khal-
pov. Vest. protivovozd. obor. no. 4:3-8 Ap '65.

RUSSIA—ARMY—POLITICAL ACTIVITY

Concretely, purposefully, efficiently. E. Ol'nev, P. Klo-
shchenko. Tyl i snab. Sov. Voen. Sil 26 no. 3:21-21
Mr '66.

Decisions of the party call us to new achievements.
N. Tyurin. Komm. Vooruzh. Sil 47 no. 9:56-59 My '66.

Engineers are active propagandists. L. D. Kornenko.
Vest. protivovozd. obor. no. 8:19-20 Ag '65.

Important problems of the troop probationary period.
V. G. Vashchaev, I. F. Khandogin. Vest. protivovozd.
obor. no. 8:16-18 Ag '65.

Party-political work among the defenders of the heroic
city of Leningrad. N. IA. Komarov. Vest. protivovozd.
obor. no. 4:19-24 Ap '66.

To our own party. I. S. Chasovskikh. Vest. protivovozd.
obor. no. 3:32-34 Mr '66

RUSSIA—ARMY—SANITARY AFFAIRS

Medical instruction in a distant garrison. I. Lukatskii.
Tyl i snab. Sov. Voen. Sil 26 no. 3:56-57 Mr '66.

Organization of medical and evacuation measures at an
airfield, based on special tactical training exercises
for air defense troops. I. V. Aleksanin, N. D. Sosnin,
A. S. Gumeniuk. Voen.-med. zhur. no. 3:38-11 Mr '66.

Patrolmen of medicine. I. Zlotkin. Voen. znani. 42
no. 4:10-17 Ap '66.

Provision of qualified medical services at the regimental
medical aid station. O. K. Gavrilov, V. A. Zhutin.
Voen.-med. zhur. no. 4:16-19 Ap '66.

Use of monosialin transmissible cell cultures under
field conditions. G. A. Bashunakov. Voen.-med. zhur.
no. 3:46-52 Mr '66.

RUSSIA—ARMY—SPORTS

Strong, enduring, hardened. A. Borisenko. Sov. voen
47 no. 16:42-44 Ag '65.

RUSSIA—ARMY—TECHNOLOGICAL INNOVATIONS

At the service of military training. L. Karnozov, L. Ko-
lenekii. Tekh. i voornzh. 24 no. 2:68-73 F '66.

Helping innovators. L. Gorlov, IA. Iudin. Tekh. i
voornzh. no. 12:71-77 D '65

Toward new successes. G. Anishechik. Tekh. i voornzh.
no. 9:71-77 S '65.

RUSSIA—COMMERCE

The accountants' potentialities. N. Sokolova. Nar. khoz.
Kazakh 21 no. 1:66-68 Ja '66.

Documentary and factual control. T. Sigacheva. Buhg.
uchet no. 3:20-22 Mr '66

Konichenko, V. T., and G. V. Petrov. [Price control
in trade] Kontrol' za tsenami v torgovii. Moskva,
Izd-vo Tsentsosizura, 1963, 82 p.

RUSSIA—COMMERCE—CONGRESSES

Conference in the Leningrad Institute of Soviet Trade
Buhg. uch. no. 4:56-58 Ap '66

RUSSIA—COMMERCE—SINGAPORE

First time in Singapore. V. Mezintsev. Nov. vsem. 23
no. 19:18-21 My '66.

RUSSIA—COMMUNIST PARTY see Communist Party
of the Soviet Union

RUSSIA—CONSTITUTION

Laslin, A. G. [Constitution of the U. S. S. R.] Konstitutsiya
SSSR. [Izd. 2., ispr. i dop.] Moskva, Gos. uchel-
no-pedagog. Izd-vo M-va prosveshcheniya RSFSR, 1960.
125 p., chart.
(OCNW)

Russia (1923- U. S. S. R.) Constitution. [Constitution
(fundamental law) of the Union of the Soviet Socialist
Republics. With amendments and supplements passed
by the seventh session of the Sixth Supreme Soviet of
the U. S. S. R.] Konstitutsiya (osnovnoi zakon) Soyuza
Sovetskikh Sotsialisticheskikh Respublik. S izmeneni-
ami i dopolneniyami, prinyatymi na sed'moi sessii
Verkhnego Soveta SSSR shestogo sozyva Moskva,
Izvestiya Sovetov trudnashchikis SSSR, 1966 31 p.

RUSSIA—DESCRIPTION AND TRAVEL

The Russians are quite different. Herr Spacovius! S Ru-
khovich. Mol. komm. no. 6:122-127 Jc '64.

RUSSIA—ECONOMIC CONDITIONS

For the prosperity and happiness of the Soviet people,
Sov. polreb. koop. 10 no. 4:2-4 Ap '66.

Historigraphy of the new economic policy. IU. N. Klimov.
Vop. ist. KPSS 10 no. 5:128-131 My '66.

The party's struggle for the restoration and development
of the national economy in the postwar period. D. I.
Kozkotsenko. Vop. ist. KPSS 10 no. 5:85-95 My '66.

RUSSIA—ECONOMIC GEOGRAPHY see Geography,
Economic

RUSSIA—ECONOMIC POLICY

Along Lenin's path toward communism. Komm. Vooruzh.
Sil 47 no. 8:57-65 Ap '66

Along Lenin's road. Agitton 33 no. 8:3-10 Ap '66.

Basic proportions of the development of industrial produc-
tion. M. Seredenko. Tkon Rad Ukr. 8 no. 7:3-6 JI
'65.

The CPSU policy and the modern world. T. Vladimirov.
Mir, ekon. i mezhdunar. otn. no. 5:3-14 '66.

Decision of the 23d Congress of the Communist Party of
the Soviet Union on the "Directives of the 23d Congress
of the CPSU on the five-year plan for the development
of the Soviet national economy in 1966-1970" prepared
by the Central Committee of the CPSU. Komm. Vooruzh.
Sil 47 no. 8:18 Ap '66.

Decisions of the 23d Congress of the CPSU are a new
phase in the building of communism. Rad. prav. 29
no. 4:3-8 Ap '66.

Directives of the 23d Congress of the CPSU on the five-
year plan for the development of the Soviet national
economy in 1966-1970. Komm. Vooruzh. Sil 47 no. 8:19-
56 Ap '66.

Economic reform and economic research. S. U. Oleinik.
Vest. vys. shkoly 24 no. 4:44-46 Ap '66.

Efforts of the CPSU to establish the economic and
technical foundation of communism. Directives of the
23d Congress of the CPSU on the development of the
Soviet national economy in the new five-year plan.
Komm. Vooruzh. Sil 47 no. 9:74-78 My '66.

The five-year plan will be carried out. Mekh. i avtom.
prozv. 20 no. 4:1 Ap '66.

Following Lenin's path. Pozn. delo no. 3:1-2 Mr '66.
From the materials of the 23d Congress of the CPSU.
Izv. vys. uch. zav., pishch. tekhn. no. 2:5-6 '66

Grand program for creative activity. Mashinostroitel'
no. 5:1 My '66.

Great events in the life of the party and country. Vest.
stat. no. 4:13-13 '66.

Great program of creative work. Fin. SSSR 40 no. 4:3-7
Ap '66.

Hello, May Day! Sov. profsoyuzy 22 no. 8:1-3 Ap '66.

RUSSIA—ECONOMIC POLICY (Continued)
 D. e. t. i. v. e. s. t. i. t. u. t. i. o. n. s. Agitator 33 no. 8-11-22 Ap '66
 In the name of communism, for the welfare of the people, Den i vred, 24 no. 4-3-7 Ap '66
 Industry of the building of communism, NTO 8 no. 4-1-2 Ap '66
 Leninist principles of economic development, L. Leon-tsev, Kommunist 43 no. 6-26-30 Ap '66
 National income of the U. S. S. R. during the new five-year plan, A. Novik, Kommunist 43 no. 8-34-63 Ap '66
 The nature of the proportional development of the national economy, I. Shirsinski, Komm. Vooruzh. Sil 47 no. 9-84-86 My '66
 The new five-year plan and improving the welfare of the people, D. Kaipukhin, Sots. trud 11 no. 4-11-18 Ap '66
 The new five-year plan and the effectiveness of industrial production, S. Kheintman, Komm. Vooruzh. Sil 47 no. 9-21-28 My '66
 New phase in the economic development of the U. S. S. R., N. Baidakov, Kommunist 43 no. 7-28-36 My '66
 New stage in the building of communism, Voen.-med. zhur., no. 3-3-4 Mr '66
 A new stage in the development of the Soviet economy, Plan khoz. 43 no. 5-1-6 My '66
 A new stage in the struggle for economic progress, G. A. Prudenski, Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1-3-5 '66
 A new stage on the path of communism, Sots. trud 11 no. 4-3-10 Ap '66
 On the road to communism, Nov. mir 42 no. 3-3-8 Mr '66
 Our plan for the next five years, R. Pan'shin, Agitator 34 no. 9-7-12 My '66
 Put the decisions of the 23d Congress of the CPSU into practice, Eksp. stroi., 8 no. 5-1-9 My '66
 Rates, proportions, and efficiency of production in the new five-year plan, L. Burova, A. Osad'ko, Plan khoz. 43 no. 5-7-14 My '66
 Resolution of the 23d Congress of the Communist Party of the Soviet Union based on the report of the Central Committee of the CPSU, Komm. Vooruzh. Sil 47 no. 8-2-13 Ap '66
 Skorodum, S. A., and A. L. Ugriumov, [Economic program of the Bolsheviks in socialist revolution] Ekonomicheskaya programma bol'shevikov v sotsialisticheskoy revoliutsii, Moskva, Izd-vo "Znanie," 1966 47 p. (Novoe v zhizni, nauke, tekhnike i Seriya Istoriya, no. 8)
 Soviet five-year plan and the developing countries, Az. i Afr. seg. 9 no. 5-2-3 My '66
 Toward the new achievements and goals of the five-year plan, Sov. profsoyuzy 22 no. 7-1-3 Ap '66
 Toward the new horizons, Shkola i prodv. 10 no. 5-3-6 My '66
 The 23d Congress of the CPSU; along Lenin's path toward communism, Kommunist 43 no. 6-3-12 Ap '66
 Vital necessity of developing and improving socialist economic relations, A. M. Kovalev, Nauch. dokl. vys. shkoly, filos. nauki 9 no. 2-3-10 '66
 The years of a great upswing, K. Vachnadze, Agitator 33 no. 8-47-49 Ap '66

RUSSIA—FLAGS

I speak with the banner, Vadim Klimentko, Sov. voen. 47 no. 17-2-3 S '65.

RUSSIA—FOREIGN ECONOMIC RELATIONS

Soviet five-year plan and the developing countries, Az. i Afr. seg. 9 no. 5-2-3 My '66.

RUSSIA—FOREIGN ECONOMIC RELATIONS—AFGHANISTAN

On the Afghan "silk road," V. Nakariakov, Nov. vrem. 23 no. 21-26-29 My '66

RUSSIA—FOREIGN ECONOMIC RELATIONS—CZECHOSLOVAKIA

Shoulder to shoulder; on the anniversary of the liberation of Czechoslovakia, Zdenek Horeny, Agitator 33 no. 8-30-62 Ap '66

RUSSIA—FOREIGN ECONOMIC RELATIONS—EGYPT

A battle while on the way, IU. Bochkarev, Nov. vrem. 23 no. 19-3-5 My '66.

RUSSIA—FOREIGN ECONOMIC RELATIONS—GERMANY

The policy of German imperialism toward the U. S. S. R. in the early phase of the world economic depression of 1929-1933, IU. P. Murav'ev, Uch. zap. MGPI no. 205:35-54 '64.

RUSSIA—FOREIGN ECONOMIC RELATIONS—MALI

Fraternal solidarity, Madeira Kelta, Az. i Afr. seg. 9 no. 5-4-3 My '65.

RUSSIA—FOREIGN ECONOMIC RELATIONS—MONGOLIA

Economic cooperation between the Soviet Union and the Mongolian People's Republic, V. Sh. Budov, Trudy BKNH no. 16-3-13 '66.

RUSSIA—FOREIGN RELATIONS

Falsification of the principles of Soviet foreign policy by American anticommunist ideologists, G. G. Alakhvici-dov, P. S. Kol'tsov, Vop. lit. KPSS 10 no. 5-55-66 My '66

International situation of the U. S. S. R. Political activity of the CPSU outside the U. S. S. R., Komm. Vooruzh. Sil 47 no. 8-88-90 Ap '66

Leninism is the scientific foundation of Soviet foreign policy, N. Inozemtsev, Kommunist 13 no. 7-12-25 My '66

Leninist direction of the foreign policy of the CPSU, V. Zagladin, Komm. Vooruzh. Sil 47 no. 9-12-20 My '66
 Malorov, S. M., [Leninist principles of Soviet foreign policy] Leninskie printsipy sovetskoi vneshnei politiki, Moskva, Znanie, 1966, 30 p. (Novoe v zhizni, nauke, tekhnike i Seriya Istoriya, no. 6)
 Sokolov, M. E., [Keys to reserved rooms] Klyuchi ot bronirovannykh komnat, Moskva, Politizdat, 1966, 231 p.

The 23d Congress of the CPSU and the problems of international relations, Mezhdunar. zhizn' 13 no. 5:3-15 '66.

RUSSIA—FOREIGN RELATIONS—ARGENTINA

Comments: Argentina; Laos; Cuba, Nov. vrem. 23 no. 23-3-5 Je '66

RUSSIA—FOREIGN RELATIONS—CAMBODIA

The Soviet Union and Cambodia, comments, Nov. vrem. 23 no. 20-2-3 My '66

RUSSIA—FOREIGN RELATIONS—EGYPT

Cairo in May, I. Baidakov, E. Primakov, Nov. vrem. 23 no. 21-3-4 My '66.

Moscow and Cairo, D. Vol'skii, Nov. vrem. 23 no. 22-7-8 My '66

RUSSIA—FOREIGN RELATIONS—IRELAND

"Golden annivesary," M. Vladimirov, Mezhdunar. zhizn' 13 no. 5:119 '66.

RUSSIA—FOREIGN RELATIONS—ITALY

From the viewpoint of easing the tension, Luigi Longo, Nov. vrem. 23 no. 23-11-13 Je '66.

Italy: A. A. Gromyko in Rome, V. Berezhtkov, Nov. vrem. 23 no. 18-16 My '66.

RUSSIA—FOREIGN RELATIONS—SYRIA

The Soviet Union and Syria, N. Paklin, Nov. vrem. 23 no. 18-16-17 My '66.

RUSSIA—FOREIGN RELATIONS—YUGOSLAVIA

Soviet-Yugoslav cooperations; an interview, Marko Niketic, Nov. vrem. 23 no. 22-8-10 My '66.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORY

Marinov, V. F., [Communist party in the struggle for the consolidation and development of socialist society. Strengthening of the defense capacity of the country, 1937-June 1941] Kommunisticheskaya partiya v bor'bu za uprochenie i razvitiye sotsialisticheskogo obshchestva. Usilenie oboronosposobnosti strany (1937 god-ium' 1941 goda), Moskva, Mysl', 1965, 174 p. (Istoriya KPSS. Kurs iektsii, tema XIV)

Portrait of despotism, A. Turkov, Nov. mir 41 no. 3:269-271 M '65.

The revolutionary movement in the Russian Army and the Polish liberation movement of 1866-1868, V. A. D'ankov, Sov. slav. no. 3-16-30 '66.

[Russian "enlighteners" (from Radishchev to the Decembrists); a collection of works in two volumes] Russkie prosvetiteli (ot Radishcheva do dekabristov); sobranie proizvedenii v dvukh tomakh, Moskva, Mysl', 2 v., 1966. (Filosofskoe nasledie)

RUSSIA—HISTORY—SOURCES

Akademika nauk SSSR, Institut istorii, [Complete collection of Russian chronicles] Polnoe sobranie rus-skikh letopisei, Moskva, Nauka, Vol. 15, No. 1, [Rogozhskii khroniclei] Rogozhskii letopisets, Vol. 15, [Tver collection] Tverskoi sbornik, 1865, 186, 504 columns.

New documentary materials concerning the history of the "Narodnaya volia" movement, L. T. Senchakova, Vest. Mosk. un. Ser. 9: Ist. 21 no. 2:83-88 Mr-Apr '66.

RUSSIA—HISTORY—STUDY AND TEACHING

Additional material in history classes, A. I. A. Troitskii, Nach. shkola 34 no. 4:48-50 Ap '66.

RUSSIA—INDUSTRIES

Budunova, N. I., V. I. Vybornov, and L. M. Smushkova, [Economic efficiency of the reconstruction of industrial enterprises] Ekonomicheskaya effektivnost' iekonstruktivnykh promyshlennykh predpriyatii, Moskva, Stroiizdat 1966, 158 p.

Construction projects of the five-year plan (with a map), Agitator 31 no. 8-31-15 Ap '66.

The five-year plan in operation, Sov. profsoyuzy 22 no. 1-6 Ap '66

Kvasina, I. A. B., [Statistics of the new equipment, the mechanization of labor, and production automation, the concentration and specialization of industrial production] Statistika novoi tekhniki, mekhanizatsiya i avtomatizatsiya protovodstva, koncentratsiya i spetsializatsiya promyshlennogo proizvodstva, Moskva, Statistika, 1966 262 p.

RUSSIA—MANUFACTURES

Seen on the atomic continent, Tekhn. est. 9 no. 3:32-35 M '66.

Wholesale fairs and production plans, S. Kolomatskiy, Sov. tovg. 30 no. 2:11-15 F '66.

RUSSIA—MANUFACTURES—ACCOUNTING

Tasks of the central accounting office of the ministry, IU. Chufarovskii, Buding uch. no. 3-9-10 Mr '66

RUSSIA—MANUFACTURES—FINANCE

Improving the quality of production is an important priority for the growth of accumulations, V. Maslennikov, Fin. SSSR 40 no. 4:14-14 Ap '66.

RUSSIA—MILITARY POLICY

Soviet Asia with regard to its new geopolitical and strategic situation, N. I. A. Galal, Soob. Inst. po izuch. SSSR no. 3:3-27 '65.

RUSSIA—NAVY

History of the revolutionary creative work of Soviet sailors, V. A. Netaev, Mol. shoi. 17 no. 2-13-13 F '61.

Kainaikov, Kh. Kh., [Naval infantry in the battles for the homeland, 1941-1945 gg.], Moskva, Voenizdat, 1955 214 p.

On patrol, V. Il'in, Mol. komm. no. 2:14-17 '66

On ship, in units and fleet commands; from reports by our volunteers correspondents, Mol. shoi. 17 no. 2:7-75 I '64.

RUSSIA—NAVY—COMMISSARIAT

Approaching spring, V. Kulikov, Tyl i snab. Sov. Voen. Sil 26 no. 3:13-10 M '66

RUSSIA—NAVY—ORGANIZATION

An efficient daily organization for small ships, It. Gurevich, Mor. shoi. 47 no. 2:71-72 I '61.

RUSSIA—NAVY—POLITICAL ACTIVITY

Inspiring words and exemplary work of the Communists, V. Markanov, Konin, Vooruzh. Sil 47 no. 9:53-55 My '66.

RUSSIA—NAVY—SEA LIFE

Our sons will sail farther, V. Kononov, Voen. znani 42 no. 5:12-13 My '66.

Ship routine, I. Panov, Voen. znan. 42 no. 4:12-13 Ap '66.

Spirit of the collective, IU. Rupinski, Tekh. i obratv. no. 12-7-9 D '65.

There, where the ocean splashes, Sov. voen. 47 no. 16-14-10 Ap '66.

A youth became a sailor, B. Kiselev, Voen. znan. 42 no. 5:42-43 My '66.

RUSSIA—OFFICIALS AND EMPLOYEES

Education and assignment to work of the higher officials of the U. S. S. R., A. I. Lebed', Soob. Inst. po izuch. SSSR no. 3:100-117 '66.

Manukhin, V. M., [Soviet government service] Sovetskaya gosudarstvennaya sluzhba, Moskva, Iuridicheskaya literatura, 1966, 194 p.

RUSSIA—POLITICS AND GOVERNMENT

Chapkevich, V. S., and M. V. Chokalin, [Triumph of Lenin's norms of party and government life] Torzhestvo leninskikh norm partinnoi i gosudarstvennoi zhizni, Leningrad, Ob-vo "Znanie" RSFSR, 1965, 40 p.

Decisions of the 23d Congress of the CPSU are a new phase in the building of communism, Rad. pravo 29 no. 4:13-6 Ap '66.

[Gazette of the Supreme Soviet of the R. S. F. S. U.] Verkh. Sov. RSFSR 10 nos. 13, 18-19 Mr, My '66.

[Gazette of the Supreme Soviet of the U. S. S. R.] Vcd. Verkh. Sov. SSSR 28 no. 10 Mr '66; 29 nos. 14, 17-21 Ap-May '66.

RUSSIA—POLITICS AND GOVERNMENT (Continued)
The motherland of our future. James Aldridge. Nov. vrem. 23 no. 18:8-10 My '66.
Recent political events in the Soviet Union. Sob. inst. po izuch. SSSR no. 3 133-154 '65.
The supreme governmental body of our people's rule: facts and figures. Agitator 34 no. 9 26-28 My '65

RUSSIA—POPULATION

Number and composition of the Ukrainian population in Russia in the 1700's. H. P. Makhmova. Ukr. ist. zhur. 9 no. 2:111-116 F '65.

RUSSIA—POPULATION—STATISTICS

On the concepts of "gainfully-employed" and "active" population. A. Kvanha. Vest. stat. no. 4:55-61 '66.

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

Soviet power engineering workers with their Bulgarian friends. Energetik 14 no. 4 25 Ap '65.

RUSSIA—RELATIONS (GENERAL) WITH DAHOMEY

With songs to Dahomey. T. Lagina. Az i Afr. seg. 9 no. 3:34-35 My '65

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

Friendship between petroleum and chemical industry workers of the Soviet Union and France is being strengthened. V. Mikel'ski. Neftnik 11 no. 3 31-33 Mr '65

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

The Fourth Congress of the Society of Hungarian-Soviet Friendship. V. L. Khudaych. Ukr. ist. zhur. 10 no. 4:159-160 Ap '66.

RUSSIA—RELATIONS (GENERAL) WITH MONGOLIA

Early history of Soviet friendship with Mongolia based on personal reminiscences and materials. I. L. Sorokovikov. Trudy BKNII no. 16:24-41 '65.

Russian archival materials on the interrelation of Russia and Mongolia from the 1630's to the 1930's. M. I. Gol'tsman. G. I. Slesarchuk. Krat. sob. inst. nar. Az. no. 78: 168-191 '65

RUSSIA—RELATIONS (GENERAL) WITH POLAND

Rogov, A. I. [Russian-Polish cultural relations during the Renaissance period; Strykowski and his Chronicle] Russko-pol'skie kul'turnye svyazi v opolchu Vozrozhdeniya. Strykovskii i ego Khronika. Moskva, Nauka, 1966. 307 p.

A visit from friends. Blud. Verkh. Suda no. 3:18-19 '65.

RUSSIA—RELIGION

Leningrad. Muzei istorii religii i ateizma. [Problems of overcoming the vestiges of religion in the U.S.S.R.] Voprosy preodoleniya religioznykh perzhitkov v SSSR. Moskva, Nauka, 1966. 207 p.

RUSSIA—REVOLUTION, 1917-1921

Aleksashenko, A. P. [Defeat of the Denikin Army] Kratkiye denikshchiny. [Moskva] Izd-vo Mosk. univ., 1966. 201 p.

The beginning and basic phases of the foreign intervention and civil war in the U.S.S.R. S. F. Vaidin. Vest. Mosk. un. Ser. b. Ist. 21 no. 2:20-13 Mr-Ap '66.

Children of October. A. Gusov. Nach. shkola 34 no. 4: 65-75 Ap '66.

Civil war and foreign military intervention in the historical literature of the 20's. I. L. Sherman. Ukr. ist. zhur. 8 no. 1:131-135 '64.

Contribution to the history of the June demonstration of 1917. A. M. Sovokhin. Vop. ist. KPSS 10 no. 5:35-54 My '66.

Drawing the women workers of Petrograd into the revolutionary movement, March-July 1917. N. D. Karpoleiskaia. Vest. LGU 21 no. 8:45-53 '66.

First relief grant from an office of social insurance. A. Kollontai. Sois. obsep. 41 no. 4:18-10 Ap '66.

History of the revolutionary creative work of Baltic sailors. V. A. Nelinev. Mor. sbor. 47 no. 2:103-106 F '64.

Leningrad. Gosudarstvennyi muzei revoliutsii. [Guidebook to the museum of the Great October Socialist Revolution] Gosudarstvennyi muzei Volkoi Oktobrskoi sotsialisticheskoi revoliutsii; putevoditel'. [Leningrad] Lenizdat, 1965. 286 p.

Natural change. L. Zak. Nov. mir 42 no. 1:267-270 Ja '66.

Sonkin, M. E. [Keys to reserved rooms] Kluchki ot khronovannykh komnat. Moskva, Politizdat, 1966. 231 p.

Struggle of soldiers of the Rumanian front under the leadership of Bolsheviks for Soviet rule, October 1917-January 1918. A. M. Vasyukov. Ukr. ist. zhur. 8 no. 1:70-77 Ja-F '64.

RUSSIA—REVOLUTION, 1917-1921—BIBLIOGRAPHY

The October Revolution in Soviet scholarly studies. A. Andreev, P. Sobolev. Kommunist 43 no. 6:110-123 Ap '66.

Preparing for a glorious anniversary. E. G. Petrova. Sov. bibl. no. 1 64-67 '63

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

A messenger in the building of the Smolnyi Institute. N. Sveshnikov. Agitator 34 no. 5:24-25 My '66.

RUSSIA—REVOLUTION OF 1905

Studying the history of the first Russian revolution, all-Union session in Moscow. D. A. Kolesnichenko, N. A. Kurashova. Vest. AN SSSR 36 no. 3 182-188 Mr '66.

RUSSIA—STATISTICS

Russia (1917— R. S. F. S. R.) Tsentral'noe statisticheskoe upravlenie. [The R. S. F. S. R. in figures for 1955, a concise statistical abstract] RSFSR v tsifrakh v 1955 godu, kratkiy statisticheskiy sbornik. Moskva, Statistika, 1966. 125 p.

RUSSIA—STATISTICS, VITAL

Health, the capacity for work and longevity depend on us ourselves. V. Luk'ianov. Neftnik 11 no. 3 34-35 Mr '66

RUSSIA, NORTHERN—FOLK MEDICINE

Dogobyl'skiy, N. A. [Medicine of the first settlers of the Russian North, essays from the history of the sanitary life and folk medicine of the 11th-17th centuries] Meditsina u pervoselov russkogo Severa; ocherki iz istorii sanitarnogo bytia i narodnogo vrachevaniia XI-XVII vv. [Leningrad] Meditsina, 1966. 158 p.

RUSSIA, NORTHERN—LABOR SUPPLY

Scientific Conference on Problems in the Formation of the Population and the Utilization of Labor Resources in the northern regions of the U.S.S.R. F. V. D'Imonov. Izv. AN SSSR, Ser. geog. no. 2:145-148 Mr-Ap '66.

RUSSIA, NORTHERN—ORE DRESSING PLANTS

North of the 60th parallel. A. Chernov, A. Malanud. Na stoi. Ros. 7 no. 3 10-11 Mr '66

RUSSIA, NORTHERN—PALEONTOLOGY, STRATIGRAPHIC

Akademii nauk SSSR. Komitet filial, Syktyvkar. Institut geologii. [Stratigraphy and paleontology of the northeastern area of the European part of the U.S.S.R.] Stratigrafia i paleontologiya Severo-Vostochno-evropeiskoi chasti SSSR. Moskva, Nauka, 1966. 110 p. illus.

RUSSIA, NORTHERN—POPULATION

Scientific Conference on Problems in the Formation of the Population and the Utilization of Labor Resources in the northern regions of the U.S.S.R. F. V. D'Imonov. Izv. AN SSSR, Ser. geog. no. 2:145-148 Mr-Ap '66.

RUSSIA, NORTHERN—SEDGES

Tolmachev, A. I., ed. [Arctic flora of the U.S.S.R.; critical review of vascular plants, found in the Arctic regions of the U.S.S.R.] Arkticheskaia flora SSSR; kriticheskiy obzor sosudytykh rastenii, vstrechaemykh v arkticheskikh rayonakh SSSR. Moskva, Nauka.

No. 3. Egorova, T. V., and others, comps. [Family Cyperaceae] Semel'stvo Cyperaceae. 1966. 173 p.

RUSSIA, NORTHERN—SOILS—NITROGEN CONTENT

Dynamics of mineral nitrogen in peat-bog soils in connection with the use of organic substances. V. N. Pereverzev. Agrokhimiia no. 1:14-20 Ap '66.

RUSSIA, NORTHERN—TURPENTINING

Urgent problems of research in the field of tree tapping. A. V. Gordeev, P. F. Poliakov. Gidroliz. i lesokhim. prom. 19 no. 3 3-5 '66.

RUSSIA, NORTHWESTERN—INLAND WATER TRANSPORTATION

Potentialities for increasing the shipments of freight on small rivers. T. Kruglova. Rech. transp. 23 no. 3:14-16 Mr '64.

Selecting the method of lumber transportation in the northwestern area. V. F. Mitin. Trudy TSNIEVT no. 16:22-40 '63.

RUSSIA, NORTHWESTERN—LAKES

Symposium on the history of lakes of the northwest. A. A. Asenov, L. R. Serebrianniy. Izv. AN SSSR, Ser. geog. no. 2:148-161 Mr-Ap '66.

RUSSIA, NORTHWESTERN—LUMBER—TRANSPORTATION

Selecting the method of lumber transportation in the northwestern area. V. F. Mitin. Trudy TSNIEVT no. 16:22-40 '63.

RUSSIA, NORTHWESTERN—SOILS

Change in the properties of light tur- Podzolic soils due to the influence of clay. V. N. Simakov, A. A. Nizova. Agrokhimiia no. 1 80-85 Ap '66

RUSSIA, SOUTHERN—GAS, NATURAL—GEOLOGY

Begun, D. G., and others. [Oil and gas potential and basic trends in prospecting for oil and gas in the Volga-Don region] Neftgazosnost' i osnovnye napravleniia poiskovo-razvedochnykh rabot na neft' i gaz v Volgo-Donskom regione. Pod red. V. G. Vasil'eva. Moskva, Nedra, 1966. 220 p.

RUSSIA, SOUTHERN—IRRIGATION FARMING

Prospects for irrigation farming in the south of the R. S. F. S. R. and the Ukraine and the tasks of science. E. E. Alekseevskii. Vest. sel'khoz. nauki 10 no. 3:9-17 Mr '65.

RUSSIA, SOUTHERN—PETROLEUM GEOLOGY

Begun, D. G., and others. [Oil and gas potentials and basic trends in prospecting for oil and gas in the Volga-Don region] Neftgazosnost' i osnovnye napravleniia poiskovo-razvedochnykh rabot na neft' i gaz v Volgo-Donskom regione. Pod red. V. G. Vasil'eva. Moskva, Nedra, 1966. 220 p.

RUSSIA, SOUTHERN—RICE

Development of rice growing in the south of the R. S. F. S. R. and the Ukraine. E. B. Volchko. Vest. sel'khoz. nauki 10 no. 3:24-27 Mr '65.

RUSSIAN DRAMA—HISTORY AND CRITICISM

They decided to write a play. I. U. Petrov. Mol. komm. no. 3:127 '66.

RUSSIAN LANGUAGE—DIALECTS

(see also subdivision under Ob' Valley; Onega Lake region; Siberia)

Sidorov, V. N. [From the history of Russian sounds] Iz istorii zvukov russkogo iazyka. Moskva, Nauka, 1966. 157 p.

RUSSIAN LANGUAGE—DICTIONARIES—AZERBAIJANI

Akademii nauk Azerbaidzhanskoi SSR, Baku. Terminologicheskii komitet. [Dictionary of physical terms] Slovar' terminov po fizike. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 230 p. [In Russian and Azerbaijani]

[Dictionary of stomatological terms] Stomatologiya terminleri lugeti. Baku, Azerneshr, 1965. 182 p. [In Russian and Azerbaijani]

RUSSIAN LANGUAGE—DICTIONARIES—BENGALI

[Russian-Bengali dictionary. Approximately 24,000 words] Russko-bengali'ski slovar'. Okolo 24,000 slov. Sost. D. Liton. Pod red. N. Bkhounika i Sh. Gkhorsha. Moskva, Sovetskaya Entsiklopediia, 1966. 759 p.

RUSSIAN LANGUAGE—DICTIONARIES—ENGLISH

Moscow, Universitet družby narodov. Kafedra russkogo iazyka. [Concise Russian-English dictionary of set expressions in modern Russian, a textbook for foreign students] Kratkiy russko-angliiskii slovar' nesvobodnykh sochetanii sovremennogo russkogo iazyka posobia dlia studentov-instrantsev. Moskva, 1965. 124 p.

Tarkhov, V. I. [4,000 useful words and expressions; a concise guide for the interpreter working in the field of international relations (the English language)] 4000 poleznykh slov i vyrazhenii; kratkiy spravochnik perevodchika-mezhdunarodnika (angliiskii iazyk). Moskva, IMO, 1966. 127 p.

Zaimovskii, S. G. [Concise English-Russian and Russian-English dictionary. Approximately 17,000 words; Kratkiy anglo-russkii i russko-angliiskii slovar']. Osko lo 17,000 slov. Pod red. A. V. Litvinov. Izd. G. Moskva, Gos. izd-vo inostr. natsional'nykh slovaroi, 1957. 431 p. (KMK)

RUSSIAN LANGUAGE—DICTIONARIES—ESTONIAN

Korlus, Oskar. [Russian-Estonian illustrated polygraphic dictionary] Poligrafiia vene-estli ilustreeritud sonastik. Tallin, Kirjastus Kunst, 1965. 441 p.

RUSSIAN LANGUAGE—DICTIONARIES—GERMAN

Tsviling, M. A. [4,000 useful words and expressions; a concise guide for the interpreter working in the field of international relations (the German language)] 4000 poleznykh slov i vyrazhenii; kratkiy spravochnik perevodchika-mezhdunarodnika (nemeckii iazyk). Moskva, IMO, 1965. 141 p.

RUSSIAN LANGUAGE—DICTIONARIES—POLYGLOT

Kuialeidze, I. G. [Pharmaceutical terminology: Russian-Latin-Georgian, materials] Farmako-khimicheskaia terminologiya; Russko-latinsko-gruzinskaya materialy. 2. dop. izd. Tbilisi, Metsnereba, 1965. 248 p.

RUSSIAN LANGUAGE—FOREIGN ELEMENTS

"*Словарь иностранных слов в русском языке*" (Dictionary of foreign words in Russian language). Moscow, 1977. 304 p.

RUSSIAN LANGUAGE—GOVERNMENT JARGON

"*Словарь государственных терминов и фразеологизмов*" (Dictionary of government terms and phraseology). Moscow, 1977. 112 p.

RUSSIAN LANGUAGE—GRAMMAR

Akademika nauk SSSR, Institut russkogo iazyka. [Principles of the structure of a descriptive grammar of the modern Russian literary language] Osnovy postroeniia opisatel'noi grammatiki sovremennoogo russkogo literaturnogo iazyka. Moscow, Nauka, 1969. 210 p.

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—SLOVAK

Isachenko, A.V. [Grammatical systems of the Russian language in comparison with Slovak]. Grammaticheskie stroi russkogo iazyka v srovnanii s slovatskim. Izd. 2. Bratislava, Izd-vo Slovatskoi akad. nauk, Vol. 1, 1965. (ICU)

RUSSIAN LANGUAGE—HOMONYMS

Synonymic forms of the homonymous verbal adverbs of the Russian language, based on the materials of the northern dialects. V.I. Trubinskii. Vest LGU 2' no. 8 12-3-1976

RUSSIAN LANGUAGE—LEXICOGRAPHY

Akademika nauk SSSR, Nauchnyi soviet po leksikologii i leksikografii. [Modern Russian lexicology] Sovremennai russkai leksikologiya. Moscow, Nauka, 1968. 191 p.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Rozeniat', D.E. [Problems in Russian spelling, a practical guide] Voprosy russkogo pravopisaniia, prakticheskoe rukovodstvo. 2., stereotipnoe izd. [Moskva] Izd-vo Mosk. univ., 1965. 166 p.

RUSSIAN LANGUAGE—PHONETICS

Sidorov, V.N. [From the history of Russian sounds] Iz istorii zvukov russkogo iazyka. Moscow, Nauka, 1966. 157 p.

RUSSIAN LANGUAGE—PUNCTUATION

Rozeniat', D.E. [Problems in Russian spelling, a practical guide] Voprosy russkogo pravopisaniia, prakticheskoe rukovodstvo. 2., stereotipnoe izd. [Moskva] Izd-vo Mosk. univ., 1965. 166 p.

RUSSIAN LANGUAGE—STUDY AND TEACHING

Development of the logical thinking of students. L.G. Khodas. Nach. shkola 34 no. 4 34-36 Ap '68.
Sample test papers in the Russian language and arithmetic. Nach. shkola 34 no. 4 59-64 Ap '68.
Stylistic exercises in grammar and reading classes. N.A. Malaiskov. Nach. shkola 34 no. 4 37-39 Ap '68.

RUSSIAN LANGUAGE—STYLE

Lezhnev, A.Z. [Prose of Pushkin, an experiment in the study of style] Proza Pushkina, opyt stil'nogo issledovaniia. Izd. 2. Moscow, Khudozhestvennaia literatura, 1966. 262 p.
Sulimenko, N.E. [Stylistic errors and ways of avoiding them, a teacher's text] Stilisticheskie oshibki i puti ikh ustraneniia, posobie dlia uchitelei. Moscow, Prosveshchenie, 1966. 133 p.

RUSSIAN LANGUAGE—SYNONYMS AND ANTONYMS

For a single word; synonyms. Sov. pech. no. 11, 34-36 N '64.

RUSSIAN LANGUAGE—WORD FORMATION

Akademika nauk SSSR, Institut russkogo iazyka. [Development of word formation in modern Russian] Razvitiie slovoobrazovaniia sovremennoogo russkogo iazyka. Moscow, Nauka, 1966. 209 p.

RUSSIAN LITERATURE—HISTORY AND CRITICISM

At the sources of problems, conflicts, and characters. U. Kuz'menko. Vop. lit. 9 no. 11-17-36 N '65.
The color of your banner is very important. V. Borshchukov. Mol. komm. no. 3 70-74 '68.
Direction of talent. I. Mukhina. Vop. lit. 9 no. 11 198-200 N '65.
Legends and facts. V. Kardin. Nov. mlr 42 no. 2 237-250 F '66.
Problem of the tendentiousness of art in the aesthetics of the first Marxist critics of literary works in Russia. G.P. Semenova. Vest. LGU 21 no. 8-84-87 '66.

RUSSIAN LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY

see Bibliography—Russian literature—History and criticism

RUSSIAN LITERATURE—STUDY AND TEACHING

Kononenko, A.L. and E.D. Udalova. [Literary evenings devoted to specific subjects in school, from work practices] Literaturno-ematicheskie vecheia v shkole, iz opyta raboty. Kiev, Radians'ka shkola, 1969. 96 p.

RUSSIAN NEWSPAPERS

(see also subdivision under Baku; Daghestan)
Isaakian, G.A., comp. [Central newspapers of the Russian Social Democratic Party about Transcaucasia in 1905] Tsentral'nye gazety RSDRP o Zakavkaz'e 1905 g., sbornik. Erevan, Mirk, 1965. 267 p.
May 5 is Press Day. Sov. pressozhury 22 no. 8-17 Ap '65.
Some new information on the history of "Pravda." 1912-1913. N.N. Mitrofanov. Vop. lit. KPSS 10 no. 5-11-110 My '66.
Under the banner of the Great October Revolution. Sov. pech. no. 11, 1-2 N '64.

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles] Let. gazet. st. Vspomogatel'nye ukazateli k nos. 10-12, za 1965 g.

RUSSIAN PERIODICALS

Bolshevik press before the October Revolution on the great revolutionary democrat. V.H. Sarbet. Ukr. isl. zhur. 8 no. 1-26-35 Ja-F '64.
Kuznetsov, F.F. [The magazine "Russkoe slovo"] Zhurnal "Russkoe slovo". Moskva, Khudozhestvennaia literatura, 1965. 396 p.

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] Let. zhur. st. nos. 13-14 '66.

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

New data on the Triassic stratigraphy of the Russian Platform. M.M. Charygin and others. Trudy MINKHGP no. 81 112-145 '66.
Pebble-gravel formations of Neogene-Quaternary sediments in the southwestern part of the Russian Platform. A.P. Mel'nykh, P.F. Hozhyk. Dop. AN URSSR no. 2-213-245 '66.

RUSSIAN PLATFORM—MAGNETIC PROSPECTING

Structure of the crystalline basement of the southeastern part of the Russian Platform and its border based on aeromagnetic data (ΔT). D.P. Kasalkin. Neftgaz. geol. i geofiz. no. 4-34-37 '66.

RUSSIAN PLATFORM—PETROLEUM GEOLOGY

Tectonics and zones of petroleum accumulation in Bel'sko-Demskaya homocline. O.M. Mkrtchian, A.V. Pole. Neftgaz. geol. i geofiz. no. 4-3-7 '66.

RUSSIAN PLATFORM—ROCKS, SEDIMENTARY

Types of sedimentary formations of Lower Permian sediments in the Sylva Depression and the adjacent part of the Russian Platform. A.A. Oborin. Trudy VNIIGNI no. 40 177-184 '65.

RUSSIAN POETRY—HISTORY AND CRITICISM

(see also subdivision under Leningrad)
History of the poetic word. V. Nepomniashchii. Vop. lit. 9 no. 11 210-215 N '65.
I and we; remarks on lyric poetry, its heroes, and lyric content. V. Bogdanov. Vop. lit. 9 no. 11, 60-62 N '65.
Narovchatov, S.S. [Poetry in movement; articles] Poezila v dvizhenii, stat'i. Moskva, Sovetskii pisatel', 1966. 246 p.
Vanshenkin, K.I.A. [Stupid Lika; about poetry and poetic taste] Neponkativnaia Lika, o poezii i poeticheskom vkuse. Moskva, Iskustvo, 1966. 100 p.

RUSSIAN SATELLITES

see Communist countries

RUSSIAN SOCIAL DEMOCRATIC PARTY

(see also subdivision under Azerbaijan; Odessa, Siberia, Eastern)
Isaakian, G.A., comp. [Central newspapers of the Russian Social Democratic Party about Transcaucasia in 1905] Tsentral'nye gazety RSDRP o Zakavkaz'e 1905 g., sbornik. Erevan, Mirk, 1965. 267 p.
Reminiscences devoted to the history of the Russian Social Democratic Party in 1900-1904. N.I. Prifimuk. Vest LGU 21 no. 8 51-62 '66.
Tarasov, A.A. [Kazan Bolsheviks in the period of preparation for and conduct of the October Revolution] Kazanskii bol'shevik v period podgotovki i provedeniia Oktobr'skoi revoliutsii, Kazan', Tatknigoizdat, 1950. 152 p. (MH)

RUSSIAN STUDIES

New studies on the Soviet Union exhibited in Frankfurt am Main. V. Soob. Inst. po tzuoh, SSSR no. 3, 130-132 '65.

RUSSEY KHUTOR GAS FIELD—GAS, NATURAL—ANALYSIS

Change in the properties of recovered gas in the "Russky Khutor" field during its production with the maintenance of reservoir pressure. N.A. Tikhonov and others. Gaz. delo no. 1-5-8 '66.

RUSSEY KHUTOR GAS FIELD—GAS PHYSICS

Conditions and time of formation of the Russky Khutor field. A.S. Perekhod. Neftgaz. geol. i geofiz. no. 20-26 '66.

RUSSEY-JAPANESE WAR, 1904-1905

History of English imperialism aggression in the Russo-Japanese War of 1904-1905. P.I. Ostrovskii. Uch. zap. MGPI no. 209 21-30 '64.

RUSTAVI (GEORGIA)—MEASLES—PREVENTIVE INOCULATION

Studies of the epidemiological effectiveness of measles inoculation in the Rustavi and Rustavi districts and others. Trudy Len. inst. epid. mikrobiol. no. 105 '65.

RUTA

Alkaloid from Haplophyllum rubrum. A.G. Gerasimov and others. I.M. Bekasidlovskii. Khim. i tekhn. sel'sk. khoz. no. 107 102 '64.

RUTABAGA—DISEASE AND PEST RESISTANCE

Reaction of rutabaga and turnips to diseases. A. Shabatina, O.I. Solokova. Khoz. rast. i zhivot. no. 1 '64.

RUTABAGA—ECONOMIC ASPECTS

see Subdivision under Estonia

RUTHENIA

see Transcaucasia

RUTHENIUM-NIOBIUM-TANTALUM ALLOYS

Niobium-ruthenium-tantalum alloys

RUTHERFORD, ERNEST RUTHERFORD, 1871-1937

Rutherford and Bohr (to be concluded). D.S. Dushin. Priroda 55 no. 4-70-80 '66.

RUTILE

Effect of the nature of surface-active substances, solvents and polymers on the structure formation of rutile suspensions. S.N. Tolstina, S.S. Mikhlin, A.B. Tashman, Lakoklas. mat. i fiz. khim. no. 14 '66.

RUTILE CRYSTALS—SPECTRA

Effect of paramagnetic Cr³⁺ and Fe³⁺ ions on the optical and mechanical properties of rutile single crystals. R.P. Daniluk, B.F. Ushen'kiy, A.V. Pashchenko. Izv. fiz. zhur. 11 no. 4-430-434 Ap '66.

RYAZAN—AERONAUTICS, COMMERCIAL

With a thought about the congress. N. Morzin. Grazhd. av. 23 no. 5-1 My '66.

RYAZAN—MACHINE-TOOL INDUSTRY

Ryazan machine-tool constructors. R. Kazanskii. Izv. 9 no. 4-420 Ap '66.

RYAZAN—PROSTHESIS

750 in three years. P. Somidolova. Zdr. obrat. 42 no. 3-61-63 Mr '66.

RYBALKO, PAVEL SEMENOVICH

Commander of the Third Tank Army. P. Datshev. Voin 47 no. 17-20-21 S '66.

RYBINSK—HOSPITALS—STAFF

We are from the "Pirogovka." I.I. Shuglov. Sov. pech. no. 8-41-42 Ap '66.

RYE

Effect of temperature on the killing of winter rye by accumulated water. N.I. Antipov. Fiziol. rast. no. 2-312-319 Mr-Apr '66.
Some data on the effect of gibberellin on the development of winter grain. A.K. Fedorov, V.G. Shchegoleva. Fiziol. rast. 13 no. 2-269-273 Mr-Apr '66.
Yield of winter rye as related to the intensity of nitrogen and potassium ratio in fertilizers. V.F. Rusatski. Vest. AN BSSR, Ser. sel'sk. khoz. no. 1-60-64 '66.

RYE—FERTILIZERS AND MANURES

Change in the content of phosphorus in winter wheat and rye plants from the effect of fertilizers. I.N. Kachmaz. Khim. v sel'. khoz. no. 4-12-10 Ap '66.

RYLOV, ARKADII ALEKSANDROVICH, 1870-1939

Picture gallery. I. Karelnikova. Sem. i shkola 31 no. 2-40 F '66.

1/18' KYI, MAKSYM, 1895-1964

Academic conference devoted to the works of M. T. Nyl's'kyi. Rad. lit. 10 no. 3 96. M. '66

SABLES see subdivision under Yenisey Valley

SADILENKO, ALEKSEI MIKHAILOVICH

Legend and truth about the "Black Geocel". I. Molencyski. Sov. profsoyuz. 2 no. 8 18-20. Ap. '66

SADON REGION (OSSETIA, NORTH)—ROCKS, IGNEOUS

Relationship between effusive and vein rocks in the Sadon ore region. I. P. Rudimov. M. M. Lom. Sov. geol. 9 no. 3 51-57. M. '66

SAFETY EDUCATION, INDUSTRIAL

Audiovisual aids for the propaganda of industrial safety. V. Vasiluk. Otkr. truda i slova, strakh. 9 no. 4 12-13. Ap. '66

SAIGA see subdivision under Kazakhstan

SAIGON—DESCRIPTION

Saigon through the eyes of a Frenchman. Fernand Gilgen. Az. i Afr. seg. 11 no. 5 30-32. M. '66

SAILING

If a boat is under sail. A. Lobedov. Voen. zhurn. 49 no. 4 44-45. Ap. '66

SAINT EXUPERY, ANTOINE DE, 1900-1944—BIBLIOGRAPHY see Bibliography—Saint Exupery, Antoine de, 1900-1944

SAINT-JOHN'S WORT—THERAPEUTIC USE

Study of the photodynamic effect of Saint-John's-wort application. M. B. Chuplygina, M. A. Shleibovich, Z. I. Rybalkina. Entomol. obozr. 20 no. 2 47-51. '65

ST. LAWRENCE SEAWAY

Extending the navigation period on the freezing waterways of Canada. N. Obolenskaya, V. Zhulin. Rechn. stroyb. 23 no. 3 61. M. '61

SAKHALIN—BOTANY

New and rare floral finds on the Kurile Islands and Sakhalin. L. M. Egorova. Bot. zhurn. bot. sadu no. 60 41-49. '66

SAKHALIN—PLANTS, ORNAMENTAL

Ornamental plants of the flora of Sakhalin and the Kurile Islands. I. M. Yegorova. Rast. res. 2 no. 1 20-41. '66

SAKHALIN—RETAIL TRADE—MANAGEMENT

For customers' convenience. I. Granovskaya. Sov. tovg. 30 no. 1 13-44. Ja. '66

SAKSAGAN' REGION (UKRAINE)—ORE DEPOSITS

Magnetite-cemented hematite-martite ore from the synclinal part of the Saksagan' region in the Krivoy Rog Basin. V. M. Kivachenko, E. V. Dmitriyev. Geol. zhurn. 23 no. 6 31-40. '63

SAKSAUL see subdivision under Soviet Central Asia; Turkmenistan

SALAKHOV, TAIR

Tair Salakhov and his heroes. I. Akimova. Iskusstvo 29 no. 3 47-40. '66

SALAMANDERS see subdivision under Caucasus

SALIC LAW

Fustol do Comlengon' interpretation of the judicial system of the Lex Salica. Ch. K. Sakhidnov. Trudy TGU 178 253-261. '66

SALICYLIC ACID—PHYSIOLOGICAL EFFECT

Effect of para-aminosalicylic acid on the secretory function of the stomach under experimental conditions and in patients with pulmonary tuberculosis. I. G. Pashchenko. Sov. med. 20 no. 1 130-131. Ap. '66

SALINE AND ALKALI SOILS

(see also subdivision under Soviet Central Asia)

Daimatov, B. I., and V. S. Lastochkin. [Artificial salinization of soil in construction] Iskusstvennoe zasolenie gruntov v stroitel'stve. Leningrad, Stroizdat, 1966. 132 p.

Preventing the salinization of irrigated lands and measures for its control. S. F. Aver'yanov. Vost. sel'khoz. nauki 10 no. 3 35-30. M. '66

Salinization control of drained lands in the U. S. A. B. S. Maslov. Cidr. i mel. 18 no. 4 53-57. Ap. '66

Use of direct electrical current for the desalination of soils. E. I. Aibasov. Sbor. trud. po agron. fiz. no. 11 74-80. '66

SALINGER, JEROME DAVID, 1919-

Against a feigned world. N. Anastas'ev. V. mira knig 6 no. 3 37. M. '63

SALIVARY GLANDS—TUMORS

Polymerization in the tissue of experimental tumors of the salivary glands. V. O. Iosava. Sob. AN Gruz. SSR 11 no. 2 457-462. F. '66

SALMONELLA

Antigenic relationship in Brucella and paratyphoid bacteria. G. M. Ivanova, A. A. Matushina, A. I. Gullayev. Trudy AZVI 33 106-110. '64

Characteristics of glycolysis and oxidative metabolism in Salmonella typhi and typhimurium of different virulence. T. I. Lukenova, D. G. Kudiat, V. G. Petrovskaya. Vop. med. khim. 12 no. 2 169-176. M. -Ap. '66

Comparative study of the susceptibility to antibiotics and nitrofuran preparations of bacteria of the genus Salmonella isolated from farm animals and poultry. I. P. Zav'el'ov. Uch. zap. KVI 40 198-201. '61

Group outbreak of food poisoning caused by Salmonella anatum. I. I. Puzovsky, R. M. Buzak, Z. F. Tikhonova. Zhurn. mikrobiol., epid. i immun. 43 no. 3 150. M. '66

Loss of capacity in penicillin spheroplasts and L-forms of Salmonella typhimurium to transmit the colicinogenic factor. I. V. G. Petrovskaya, V. S. Levashov, N. V. Davydov. Zhurn. mikrobiol., epid. i immun. 13 no. 3 22-27. M. '66

SALMONELLA—CULTURES AND CULTURE MEDIA

Obtaining attenuated strains of paratyphoid bacteria under the effect of some antibiotics and chemical preparations. B. A. Matvienko, N. A. Tsengel'din. Trudy AZVI 13 92-100. '64

SALMONELLA INFECTIONS

Morphological characteristics of experimental salmonellosis in monkeys. L. A. Iakovleva. Arkh. pat. 20 no. 2 78-81. '66

SALT

Decompensation of epoxide in sodium chloride solutions of different acidity and alkalinity at 500° and 800° atm. D. V. Kalinin. Dokl. AN SSSR 167 no. 5 1127-1130. Ap. '66

Determination of lead and copper microimpurities in common salt by means of micropolarography. K. G. Berezina, L. V. Volkova, E. I. Chumko. Zav. lab. 31 no. 6 656-657. '63

SALT—TRANSPORTATION

Automated unit for the hydraulic conveying of salt. K. S. Besmerinyi, and others. Khim. prom. 42 no. 4 300-308. Ap. '66

SALT DEPOSITS

(see also subdivision under Caspian Lowland)

Specific characteristics of packing salt rocks in mining. D. B. Iakubovich. Vop. osush. mest. pol. iskop. no. 3 136-148. '61

Technically necessary and economically profitable. V. Buzuts'kil, K. Ientsev. Nauch. zhurn. kazakh. 24 no. 3 83-81. M. '66

SALT DEPOSITS—TERMINOLOGY

Some problems of the formal and statistical terminology as applied to halogen sediments. A. A. Ivanov. Izv. I. pol. iskop. no. 2 27-37. M. -Ap. '66

SALT DOMES see subdivision under Caspian Lowland, Perm Province, Ural Valley; Volga Valley

SALT LAKES see subdivision under Chita Province

SALT SOLUTIONS see Solution (Chemistry)

SALTING-OUT

Effect of the mutual orientation of water molecules and a nonselective electrolyte on the salting-out from aqueous solutions. E. E. Vinogradov, V. I. Ashkichev. Zhurn. strukt. khim. 7 no. 1 103-105. Ja. -F. '66

Theory of salting-out from aqueous solutions. Part I: General aspects. O. I. Samoilov. Zhurn. strukt. khim. 7 no. 1 15-23. Ja. -F. '66

SALTS

Calculation of the concentration of invariant points in ternary salt systems. V. M. Vordvishenskiy. Zhurn. fiz. khim. 40 no. 1 912-917. Ap. '63

SALTS—EFFECT ON PLANTS see Plants, Effect of salts on

SALTS, DOUBLE

Complex salts in the cement stone with chemical additions. Z. M. Laktionova and others. Izv. AN SSSR. Neorg. mat. 2 no. 3 560-567. M. '66

SALTS IN SOILS see Soils, Salts in

SALTWORT see subdivision under Turkmenistan

SALVAGE (WASTE, ETC.)

Molded parts from nylon cord fibers of worn-out tires. Report No. 1. I. I. Tugov, S. N. Il'in, V. M. Rogov. Nauch.-issl. trudy VNIIPK no. 15 127-130. '64

Salting with a base of rayon and nylon fibers reclaimed from worn-out tires. S. N. Il'in and others. Nauch.-issl. trudy VNIIPK no. 15 91-95. '64

SAMARKAND—AUTOMOBILE INDUSTRY—FINANCE

Fruits of business accounting. V. Abramov. Ekon. i zhizn' 8 no. 2 47-49. M. '66

SAMARKAND—MINARETS—MAINTENANCE AND REPAIR

Straightening of a minaret. E. Gendel'. Arkh. SSSR. 1966. 51-61. '66

SAMARKAND—SLAVIC STUDIES

Slavic studies in A. Navoi University in Samarkand. I. P. Gol'tsifer. Sov. slav. no. 3 112-113. '66

SAMARKAND PROVINCE—FARM MANAGEMENT

Sharp bend, chapters form a book. A. Komarovskii, S. Usmanov. Ekon. i zhizn' 8 no. 3 53-59. M. '66

SAMPLING

Device for inserting samples from an apparatus into the nozzle. Izv. V. Z. Geishonovich. Zav. lab. 31 no. 1 624-625. '66

Device for sampling from various parts of a suspended layer. I. U. G. Eglazarov. Zav. lab. 31 no. 7 898. '65

Effectiveness of distinguishing between normal and uniform types of distribution on the basis of small samples. C. G. Khakhabia. Teori. veroiat. i ee prim. 11 no. 1 186-192. '66

Preparation of ultrathin cuts of rubber and vulcanizates. G. T. Tkachenko. Nauch. i izv. 25 no. 4 52-53. '66

SAMPLING (STATISTICS)

Detection and elimination of anomalous values. N. G. Mikhishina. Zav. lab. 32 no. 3 310-316. '66

SAMTSOV, VLADIMIR ALEKSANDROVICH, 1905-

V. A. Samtsov; on his 60th birthday. Pat. fiziol. i okup. terap. 10 no. 1 88. Ja. -F. '66

SANATORIUMS

(see also subdivision under Siberia, Syrtogorsk, Ukraine)

State of sanatorium and health resort service and physiotherapy in the U. S. S. R. and prospects of their development. A. G. Safenov. Vop. kur. i fizioter. i lech. fiz. kul't. 31 no. 1 13-13. '66

SAND see subdivision under Apsheron Peninsula; Poigana Valley

SAND—DENSITY

Statistical electric sounding method for determining sand density in rock-fill structures. L. V. Goresl'p. Izv. VNIIG 74 221-230. '64

SAND, FOUNDRY

Overflowing of molding sand after preliminary packing. G. P. Balandina, V. I. Semenov. Lit. proizv. no. 3 20-22. M. '66

SAND, FOUNDRY—ADDITIVES

Core mixtures with sulfite stillage and an addition of saltwater. I. U. A. Voderikov, R. I. Perfilov, B. N. Timofeev. Lit. proizv. no. 3 11. M. '66

SAND, FOUNDRY—DRYING

Sand drying with compressed air. A. I. Remizov. Lit. proizv. no. 3 10-20. M. '66

SAND, FOUNDRY—TESTING

Determining the strength and gas permeability of green-sand molds. I. P. Lobenko. Lit. proizv. no. 3 43-44. M. '66

SAND DUNES see subdivision under On' Valley

SANDBARS see subdivision under Transbaikalia

SANDSTONE see subdivision under Stavropol Territory

SANDY SOILS see subdivision under Volga Valley

SANITARY ENGINEERING—MANAGEMENT see subdivision under Kazakhstan

SANKIN, VALERII

Birth of initiative. N. Bolovol. Sov. voen. 47 no. 17 22-24. S. '65

SANSKRIT LANGUAGE—CASE

Nature of the Old Indic locative. V. N. Toporov. Krat. soob. Inst. nar. Az. no. 62 166-183. '64

SAO THOME E PRINCIPE (PROVINCE)—SOCIAL CONDITIONS

A. V. Underful Island will be free Antonio Barreto Phica
1955 Santos 12 1 1/2 5-6 9 10, 5 12-13 My '66.

SAPONSINS

Preliminary results of the search for saponin-containing plants in the flora of the U.S.S.R. A. I. Shreter and others. Rast res 2 no 13-13 '66

Saponin from *Acanthophyllum saponolifolius* K. Aman-muradov. E. S. Kondratenko, K. K. Ibratov. Khim. prirod. soe. 1 10 2 143 '65

SAPONSINS—PHYSIOLOGICAL EFFECT

Effect of saponin from *Cyclamen ibericum* on the development of experimental atherosclerosis in rabbits. A. S. Gladikh. Farm. i toks. 28 no 2 147-152 Mr-Apr '65.

Pharmacology of saponins of *Crataegus pentagyna* W. et K. D. I. Guseinov. Farm. i toks. 28 no 2 172-176 Mr-Apr '65.

SAPROPELS

Effect of decalcification on the binding capacity of saprope. Z. M. Shukha, V. S. Pozniak. Vest. AN BSSR. Ser. khim. nav. no. 4:92-95 '65.

SARANSK REGION—TRACE ELEMENTS—PHYSIOLOGICAL EFFECT

Effect of some microelements on the clinical and hematological indices in cows in the vicinity of Saransk. P. P. Golyshekov. Uch. zap. Mord. gos. un. no. 47:93-98 '65.

SARATOV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Interpreting the resolution of the party congress. R. Mit-gunova. Part zhizni' no 8 53-56 My '65

SARATOV—TELEPHONE—EMPLOYEES

Organization of labor at the saratov long-distance telephone exchange. N. P. Ananchenko, D. V. Pavlov. Vest. aviats. 26 no 2 17-18 F '66

SARATOV HYDROELECTRIC POWER STATION—HYDRAULIC TURBINES

Adjustable-blade hydraulic turbine for the Saratov Hydroelectric Power Station. V. G. Kravtsov, M. S. Maflovata. Flek. sta. 37 no 2 40-41 F '66.

SARATOV PROVINCE—BULLS—FEEDING AND FEEDS

Effect of feeding zinc and iodine salts on the indices of the blood and semen of herd bulls. I. A. A. Babin, V. N. Churikov. Khim. v sel'. khoz. no. 4 43-45 Ap '66.

SARATOV PROVINCE—COLLECTIVE FARMS—INTER-FARM COOPERATION

Development of the productive forces of the collective farm production and the further raising of the level of its socialization, based on the materials from Saratov Province. N. Koroleva. Nauch. dokl. vya shkoly, ekon. nauki 9 no 2 10-18 '66

SARATOV PROVINCE—CONSTRUCTION INDUSTRY

Potentialities of the construction industry. A. Kostinukov. Fin. SSSR 40 no 4 53-58 Ap '65.

SARATOV PROVINCE—DEFICIENCY DISEASES IN DOMESTIC ANIMALS

Vitamin-mineral deficiency in herd bulls. A. M. Kolesov, N. I. Kolesova, I. P. Rozhkov. Veterinarika 42 no 3 68-72 Mr '66.

SARATOV PROVINCE—GAS WELL COMPLETION

Sand-jet perforation in gas wells. L. V. Akatov, V. P. Gorbunov. Gaz. tekhn. 12 no 2 10-11 F '66.

SARCOMIAGI see subdivision under Azerbaijan, Egypt

SATIRE—PERIODICALS

Satire is something serious. N. Naumova. Nov. mi 41 no 3 258-260 Mi '65.

SAUSAGES

(see also subdivision under Armenia)

Continuous production line for Frankfurter and Paris style sausage. S. Olfenchenko. Mias. ind. SSSR 37 no 2 28 '66.

Free amino acids accumulation during the curing of uncooked sausage with the use of L. plantarum and ficin. A. A. Sokolov, R. M. Dzhabbarova. Izv. vyz. ucheb. zav. pishch. tekhn. no 2 48-50 '66

Use of the vitamin C + P complex in sausage production. E. Fedechkin. Mias. ind. SSSR 37 no 2 19 '66.

SAUSAGES—THERMAL PROPERTIES

Experimental determination of the thermal parameters of structureless sausage. V. Gorbatov, P. Gnecvot, V. Maslov. Mias. ind. SSSR 37 no 2 13-17 '66

SAUSAGES, EFFECT OF RADIATION ON

Effect of infrared irradiation on the biological value of sausage. N. G. Belen'kii and others. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2 87-88 '66

SAVING AND INVESTMENT

Use of the national income of the U.S.S.R. for consumption and accumulation. Vest. stat. no. 4:96 '66.

SAVINGS BANKS

(see also subdivision under Ivanovo Province)

Savings banks in the new five-year plan. P. Chetel'nikov. Den. tverd. 21 no. 4 5-14 Ap '66.

SAW FILING

Machine tool for filing gasoline "Druzhba" saw chains. E. A. Kazuchits. Pul' i put khoz. 10 no. 3 44 '66.

SAWFLIES—EXTERMINATION

Sawflies on currants and gooseberries. R. Pul'son. Zashch. rast. 11 no. 2 43-44 '66.

SAWMILLS—EQUIPMENT AND SUPPLIES

Unification of equipment in sawmills. R. E. Kalitovskii. Mekh. i avtom. proizv. 29 no. 4 37-43 Ap '66.

SAWS—MEASUREMENT

Universal measuring device for saws. V. V. Boldyev. Biul. tekhn. ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 19 no. 2 23-24 F '66.

SAYAN MOUNTAINS—GEOCHEMISTRY

Impurity elements in the rocks and ores of the Odnokh-novsk magnetite deposit in the Eastern Sayan Mountains. A. V. Mitovskii and others. Geol. i geofiz. no. 1 128-135 '66

SAYAN MOUNTAINS—GEOLOGY, STRUCTURAL

Relation of the relief of the western part of the Eastern Sayan Mountains and the Mtninsk Basin adjacent to it to tectonic structures. L. S. Mitiyeva. Geol. i geofiz. no. 1 101-105 '66.

SAYAN MOUNTAINS—GRANITE

Dvorkin-Samarskii, V. A. [Granitoid formations in the Sayan-Baikai mountainous area] Formatsii granitoidov Salano-Baikal'skoi gorol oblasti. Ulan-Ude, Buriat-skoe knizhnoe izd-vo, 1965, 285 p.

SAYAN MOUNTAINS—NEPHELITE

Criteria of the separation of nepheline rocks in the central part of the Altai-Sayan area. V. V. Gruza. Dokl. AN SSSR 167 no. 5 1139-1142 Ap '66.

SAYAN MOUNTAINS—PALEONTOLOGY, STRATIGRAPHIC

Basic problems of the correlation of Lower Cambrian sediments in the Altai-Sayan fold area. V. V. Khomontovskii. Geol. i geofiz. no. 4 13-18 '64.

SCALDS see Burns and scalds

SCALE INSECTS—BIOLOGICAL CONTROL

Ladybirds as enemies of pseudoscales and aphids. G. I. Savol'skaya. Vest. sel'. khoz. nauk [Kazakh.]. 9 no. 3: 63-69 Mr '66

SCALES (WEIGHING INSTRUMENTS)

Self-recording scales with automatic compensation. N. G. Rjabtsov. Zav. lab. 31 no. 5 627 '65.

SCANDINAVIA—INVESTMENTS, AMERICAN

American capital in Scandinavian countries. L. Gradobitova. Mir. ekon. i mezhdunar. otn. no. 5:104-106 '66.

SCANDIUM

(see also subdivision under Kazakhstan)

Possibility of scandium separation from pyroxenites. L. N. Komlasova, L. P. Borisenko, V. M. Shatkin. Zhur. prikl. khim. 38 no. 2 211-241 F '65.

Selective extraction of scandium with alkylphosphoric acids. M. I. Navannovich, A. S. Chetnikov, I. I. Shatkin. Zhur. prikl. khim. 38 no. 2 315-319 F '65.

SCANDIUM COMPOUNDS

Study of scandium complex formation by the ion-exchange method. T. A. Belavskaya, I. P. Alimova, G. B. Ibratov. Vest. Mosk. un. Ser. 3 khim. 21 no. 1 81-87 Jan '66.

SCARABAEIDAE see subdivision under Mangyshlak Peninsula

SCATTERING (PHYSICS)

Closed relationship between a nonrelativistic partial amplitude and the trajectories of its poles in the 7-plane. I. A. Lomskaya, S. S. Tokaev. Izv. AN SSSR 167 no. 1 726-728 Ap '66.

Countability of the occupation forces in the scattering problem of the e-e body scattering. V. P. Shchegolev. AN SSSR 167 no. 1 799-802 Ap '66.

Determining the anisotropic phase from the structure of independent scattering characteristics. A. S. Kopylov, V. M. Shchegolev. Zav. lab. 31 no. 5 573-578 '65.

Electron spectrum in a one-dimensional system with randomly distributed scattering centers. I. A. Belyi, A. M. Dykman. Prikl. i rad. Zhur. eksp. i teor. fiz. 3 no. 8 311-316 Ap '66.

Inelastic scattering of modulated radiation. D. A. Vinitskiy, Izv. AN SSSR 167 no. 3 643-646 Ap '66.

Inverse problem for quantum mechanical equations with energy-dependent potentials. V. I. Mal'chenko. Khim. i fiz. 10 no. 2 126-128 '66

Relation between the asymptotic values of the total cross section and the ratio of the tangential to the normal of the elastic scattering amplitude at an angle of 0°. I. U. S. Veinov. Zhur. eksp. i teor. fiz. 50 no. 1 672-670 Mi '66.

Use of the method of functional integration in study of the infrared characteristics of scattering cross sections. B. M. Dairashov, M. K. Volkov. Zhur. eksp. i teor. fiz. 50 no. 3 600-671 Mi '66.

SCHEDULING (MANAGEMENT)

Introduction of scientific organization of labor on a large scale. N. S. Fedotenko. Mekh. i avtom. no. 1 1-2 '66.

Network planning for the repair of open-hearth furnaces. P. B. Reigol'skii, L. K. Iatovoi, A. L. Stasovskii. Met. i gor. no. 10: 217-22 Mr-Apr '66.

Use of network schedules in the construction of telecommunication systems. V. I. Makol'mov. Vest. aviats. 26 no. 1 7-9 Ja '66.

SCHERLITE

Electron paramagnetic resonance of neodymium in scherlite structures. B. A. A. Antipin and others. Zhur. strukt. khim. 1 no. 1 110-11 Jan '66.

SCHIFF BASES

Structure of acetylaldehydes and o-tolylaldehydes-anilines investigated by the polarographic method. B. M. Bolotin and others. Trudy IREA no. 27 283-288 '65.

SCHISANDRA—PHYSIOLOGICAL EFFECT

Effect of small doses of Schisandra chinensis on conditioned orientation reflexes of healthy and irradiated dogs. O. N. Yevodina, V. D. Volkova. Farm. i toks. 29 no. 2 135-137 Mr-Apr '65.

SCHIZOPHRENIA

Characteristics of the clinical aspects of schizophrenia in twins. E. I. A. Litvits. Vest. AMN SSSR 21 no. 3 44-52 '66.

Clinical aspects of a late stage of schizophrenia with a sluggish course. L. M. Shumakova. Vest. AMN SSSR 21 no. 3 74-82 '66.

Clinical aspects of remissions in remittent schizophrenia; typology of remissions. N. M. Zhuravskiy, M. S. Popova, L. A. Stankevich. Vest. AMN SSSR 21 no. 3 82-89 '66.

Clinical characteristics of attacks of periodic schizophrenia. T. F. Papadopoulos. Vest. AMN SSSR 21 no. 3 92-98 '66.

Course and nosological unity of schizophrenia; methodology and results of study. A. V. Sushchinskii. Vest. AMN SSSR 21 no. 3 13-10 '66.

Effect of blood serum from schizophrenics on the content of catechol amines in the brain tissue of animals. I. I. Davydova, E. I. Minskoy, D. D. Orlovskaya. Vop. med. khim. 12 no. 2 150-154 Mr-Apr '66.

Histopathology of neurosecretory nuclei in different developmental types of schizophrenia. E. I. Gorier. Vest. AMN SSSR 21 no. 3 37-44 '66.

Mathematical analysis of the development of unremitte schizophrenia in adolescents. M. I. Tsutsu'kovskaya, V. G. Levit. Vest. AMN SSSR 21 no. 3 52-61 '66.

SCHIZOPHRENIA (Continued)

- Possibility of the manifestation of schizophrenia in gentle persons. L. K. Molchanova. Vest. AMN SSSR 21 no. 3 89-95 '66.
- Some biological disorders in schizophrenia and their interpretation at the present stage of research. M. E. Vaitanin. Vest. AMN SSSR 21 no. 3 11-21 '66.
- Some morphological characteristics of neuroophils in schizophrenia. Zh. A. Zhabitskii. Sob. AN Chuz. SSR 11 no. 3, 709-712 3h '66.
- Spatial distribution of reactive changes in the electric activity of the human cerebral cortex in health and pathology. T. P. Dotsikova. Vest. AMN SSSR 21 no. 3 21-30 '66.

SCHOLARS, UKRAINIAN

- Some characteristic changes in the number and structure of the scientists and scholars of the Ukraine. G. M. Dubrov, V. M. Klymenchuk. Ukr. ist. i. hur. 10 no. 1 110-116 Ap '66.

SCHOOL AND COMMUNITY see Community and school

SCHOOL EXCURSIONS

- To inculcate the love of nature. I. V. Nikulin. Nach. shkola 34 no. 4 17-18 Ap '66.

SCHOOL GARDENS

- Wild plants. V. F. Medvedskina. Nach. shkola 34 no. 4 23-24 Ap '66.
- With the hands of the diligent and the curious. P. A. Syvrydiva. Kyi. Rad. shk. 14 no. 4 55-58 Ap '66.

SCHOOL HYGIENE

- Role of carriers of toxigenic *Corynebacterium diphtheriae* in the dissemination of infection in an immune collective. F. A. Okunevich and others. Zhur. mikrobiol., epid. i. imunit. 41 no. 3 127-130 Mi '66.

SCHOOL MUSIC—STUDY AND TEACHING

- Studying music in schools. L. I. Gavrilova. Nach. shkola 34 no. 4 51-55 Ap '66.

SCHOOL SUPERVISION

- Efficiency is the most important problem of school management. S. F. Sukhoruk. Kyi. Rad. shk. 44 no. 4 50-62 Ap '66.

SCHOOLCHILDREN see subdivision under Novosibirsk

SCHOOLCHILDREN—FOOD see subdivision under Ariz Duryat National Area

SCHOOLHOUSES—DESIGN AND CONSTRUCTION

- Verstyn, G. I., and V. V. Pukhov. [Construction of schools and preschool institutions in rural areas] Shkol'no-stroitel'stvo shkol i detskoi'nykh uchrezhdenii v sel'skol'no-stroitel'stve. 2, izd. Moskva, Stroizdat, 1966. 282 p.

SCHOOLHOUSES—HEATING AND VENTILATION

- Studies of air exchange in school buildings. V. E. Konstantinova. Sbor. i. ud. NIIST no. 17 98-115 '66.

SCHOOLS—FURNITURE, EQUIPMENT, ETC.

- Let's improve the material and technical supply of the institutions of higher learning. L. I. Kashikina. Vest. vyssh. shkoly 24 no. 4 11-16 Ap '66.
- Place for storing carpenter's tools. A. V. Agafonov. Shkola i prosv. 10 no. 3 80-81 My '66.

SCIATIC NERVE

- Adenosinetriphosphatase activity of nerves. O. M. Rozhmanova. Ukr. biokhim. zhur. 38 no. 2 111-118 '66.

SCIATIC NERVE—WOUNDS AND INJURIES

- Implantation of the saphenous nerve and the tibial nerve as a method for the treatment of trophic ulcer of the foot following traumatic lesions of the sciatic nerve. H. Z. Zaitsev. Vop. neirokhir., no. 3 57-66 '65.

SCIENCE

- Contribution of scholars to the development of Soviet science. S. F. Nilovskii. Vest. protivoved. obr. no. 3 50-53 Mr '66.
- Man and the future of science. Gennik Volkov. Nov. mir 41 no. 3 194-212 Mr '65.
- [Paths into the unknown; authors talk about science] Puti v neznanoe; pisatel' rasskazyval o nauke. Moskva, Sovetskii pisatel'. No. 5. 1965. 406 p.
- Science and military equipment. N. Lomov. Tekh. i voen. razv. no. 8 29-33 S '65.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—INFORMATION SERVICES

- (see also subdivision under Rumania; United States)
- Depositing the scientific reports. N. I. Bolozarov, V. F. Meshkov. Vest. vys. shkoly 24 no. 3 60-61 Mr '66.

Important condition of scientific and technological progress. NTI no. 3 3 '66.

SCIENCE—PHILOSOPHY

- Information criteria of evolution in nature. A. D. Uisul. Nauch. dokl. vyssh. shkoly, filos. nauki 9 no. 2 43-51 '66.
- [Philosophy of the natural sciences] Filosofiya estestvoznaniia. Moskva, Politizdat. No. 1 1966. 412 p.
- Thoughts about the future of science and humanity. E. Kolman. Priroda 55 no. 4 10-17 '66.

SCIENCE—POPULAR WORKS

- First series of popular works on the 50th anniversary of the 50th anniversary. V. Prokopenko. V mire knig 6 no. 3 17 Mi '66.
- A popular and compendious look on science. V mire knig 6 no. 3 11-12 Mi '66.

SCIENCE—TERMINOLOGY

- Requirements of scientific and technical terms. E. A. Natanson. NTI no. 1 23-25 '66.
- Translation of new scientific and technical terms. B. P. Merkov. NTI no. 1 10-22 '66.

SCIENCE AND ART see Art and science

SCIENCE AND LITERATURE see Literature and science

SCIENCE AND STATE

- The name of the progress of our socialist homeland; speech of M. V. Keldysh, President of the Academy of Sciences of the U.S.S.R. Priroda 55 no. 4 4-8 '66.

SCIENCE FICTION

- A timely utopian novel by Stanislaw Lem. S. V. Sobol. Inst. po izuch. SSSR no. 3 127-129 '65.

SCIENCE FICTION—HISTORY AND CRITICISM

- To whom and what for? G. Gutovich. V mire knig 6 no. 3 16-17 Mi '65.

SCIENTIFIC LIBRARIES—DESIGN AND CONSTRUCTION see subdivision under Kiev

SCIENTISTS see subdivision under Leningrad

SCIENTISTS, UKRAINIAN

- Some characteristic changes in the number of structure of the scientists and scholars of the Ukraine. G. M. Dubrov, V. M. Klymenchuk. Ukr. ist. i. hur. 10 no. 4 110-116 Ap '66.

SCINTILLATION (PHYSICS)

- Scintillation processes in ZnS-Ag single crystals. V. S. Berezin. Izv. AN SSSR, Ser. fiz. 30 no. 4 668-670 Ap '66.

SCINTILLATION COUNTERS

- Portable scintillation transmitter for determining the concentration of certain elements according to their neutron-absorbing properties. C. V. Egorov and others. Vop. rad. geofiz. no. 6 164-165 '65.

- Use of a scintillation counter for recording metallic vapors. B. P. Okhotnikov, I. V. Bondarenko. Zav. lab. 32 no. 3 374-377 '66.

- Use of a scintillation granules in measuring the beta radiation from radioisotopes. I. A. Tsimin and others. Zav. lab. 31 no. 6 701-706 '65.

SCLAREOL

- New method of sclareol extraction. E. N. Kiseleva, V. A. Bellanova, T. N. Votsekovich. Masl. i. zhir. prom. 32 no. 2 23-24 F '66.

SCOPOLAMINE—PHYSIOLOGICAL EFFECT

- Effect of small doses of scopolamine and aminazine on the electrical activity of the cortex, reticular formation, and some portions of the hypothalamus in defense (avoidance) conditioned reflex in rabbits. L. V. Kalluzhnyi, B. I. Kotliar. Biol. eksp. biol. med. 61 no. 3 60-73 Mr '66.

SCORZONERA

- Amino acid content in the leaves of mulberry (*Morus alba* L.) and *Scorzonera hispanica* L. G. V. Samokhvalova, V. P. Korzhenko, L. M. Galimova. Nauch. dokl. vyssh. shkoly; biol. nauki no. 2 175-178 '66.

SCOTCH PINE

- Effect of pine and oak litter extracts on the germination of seeds and the growth of seedlings of Scotch pine (*Pinus sylvestris* L.). P. A. Timofeev. Nauch. dokl. vyssh. shkoly; biol. nauki no. 2 111-112 '66.

SCRAP METALS

- Calculating scrap metal in foundries. S. I. A. Gershtenkern. Lit. proizv. no. 3 13-14 Mr '66.
- Determining the required pressure for packing process. S. F. Chukmasov, A. I. Zazimko. Kuz. i. shtam. proizv. 6 no. 10 40-42 O '64.

SCREW CUTTING

- Kovalev, M. K. [Cutting and checking the thread of drilling pipes and joints] Naiznane i kontrol' rez'by buril'nykh trub i zamkov. Izd. 2. Moskva, Nedra, 1965. 169 p.

- Thread cutting on petroleum pipe with high-strength characteristics. I. A. Podgaevskii, K. I. Agalov. Proizv. trub no. 15 133-135 '65.

SCREW THREAD ROLLING

- Efficient conditions for rolling thread on water and gas pipes. Z. G. Alimbekov. Biol. tekhn. i. ekon. inform. Gos. nauch. i. issl. inst. nauch. i. tekhn. inform. 19 no. 2 44-46 F '66.

SCREW-THREAD ROLLING—EQUIPMENT AND SUPPLIES

- Screw-thread rolling machine with rollers. M. N. Kozhevnikov, V. S. Pilylov. Biol. tekhn. i. ekon. inform. Gos. nauch. i. issl. inst. nauch. i. tekhn. inform. 19 no. 3 1-5 3h '66.

SCRUBBER (CHEMICAL TECHNOLOGY)

- Characteristics of the working units of jet apparatus. A. I. Tori, V. F. Maksimov. Trudy LITISBP no. 18-92-98 '65.
- Potentials for increasing the yield of phenols from ammoniacal water. A. M. Rozina, N. I. Anisina. Koks i khim. no. 4 38-40 '66.

SCRUBBER (CHEMICAL TECHNOLOGY)—CLEANING

- Experience in washing the hurdle type packing of sulfur recovery scrubbers. A. Z. Tsypin. Koks i khim. no. 4 42-46 '66.

SCULPTURE, ANCIENT see subdivision under Samirech'ye

SEA BATHS see Baths, Sea

SEA BUCKTHORN

- Study and identification of tocopherols in sea-buckthorn fruit and oil. L. P. Shaidman, N. A. Shugam. Izv. vuz. ucheb. zav.; pishch. tekhn. no. 2 39-41 '66.

SEALING (TECHNOLOGY)

- Golubev, G. A., and G. M. Kukin. [Seals for rotating shafts] Uplotneniia v mashinostroitel'stve. Moskva, Nauka, 1966. 98 p.
- Studying the leakage of gas through a piston ring seal. I. L. Litov. Trudy TSNTIMF no. 71 82-95 '66.
- Using polymers for sealing reinforced concrete tanks. Sh. M. Gai'bov. Tiansan i khim. nefti i nefteprod. no. 3 22-24 '66.

SEALS (ANIMALS) see subdivision under Pacific Ocean

SEASIDE RESORTS see subdivision under Rumania

SEASONAL INDUSTRIES

- Expand the cooperation of agricultural and industrial labor. N. Medvedev. Ekon. sel'khoz. 11 no. 4 28-34 Ap '66.

SEAWATER

- Testing of paint coatings for the anticorrosive protection of apparatus in seawater. B. A. Osipovskii, I. B. Pugachev, T. I. Medvedeva. Lakokras. mat. i. khim. no. 2 44-48 '66.

SEAWATER—COMPOSITION

- (see also subdivision under Pacific Ocean)

- Calculation of the values of free energies of supergene minerals on the basis of the assumption of the stability of the chemical potentials and concentrations of the main elements in the waters of the world ocean. M. M. Lermolaev, Kora yvetr. no. 7 13-45 '66.

- Fluorine in oceanic salty waters and sediments. O. V. Shishikina. Gokhimika no. 2 238-243 F '66.

SEBRYAKOVSKY (VOLGOGRAD PROVINCE)—CEMENT INDUSTRIES

- Economic analysis permits fuller use of reserves. M. M. Smolnikov. TSement 32 no. 2 5-6 Mr-Apr '66.

SECOND BAKU—GEOLOGY, STRATIGRAPHY

- Stratigraphic division of the Pre-Cambrian basement in the Volga-Ural region. T. A. Lapinskaya. Trudy MINKHGP no. 61 55-62 '66.

SECOND BAKU—MICE

- Ecological and physiological characteristics of common voles (*Microtus arvalis* Pall.) and house mice (*Mus musculus* L.) of the Volga-Ural sands. N. A. Mokhravich. Zool. zhur. 45 no. 3 47-48 '66.

SECOND BAKU—PETROLEUM GEOLOGY

- Prospects for finding petroleum in Upper Devonian carbonate sediments in the northern part of the Volga-Ural region. L. V. Sharonov. Trudy VNIGNI no. 40 10-18 '65.

SEMICONDUCTORS (Continued)

Method for studying the inhomogeneity of semiconductor associations. G. K. Ivakhnenko, V. G. Sidiakin, *Zav. lab.* 32 no. 3 300-302 '66.

Phase analysis of semiconducting alloys using the electric spark method of local sampling. L. S. Kopanskaya and others. *Zav. lab.* 32 no. 1:391-393 '68.

Polarization of semiconductors with allowance for saturation (two-band model). I. U. Klimontovich, E. V. Pogorelov, *Zhur. tekhn. fiz.* 50 no. 3 601-612 '66.

Relation between mobility and concentrations of carriers in indium arsenide. F. I. Kharakhin and others, *Izv. AN SSSR, Neorg. mat.* 2 no. 3:491-493 '68.

Semiconductor power rectifiers at increased frequencies. A. A. Abdulnev, A. I. Pogudin, *Elektronika* 37 no. 4:25-28 Ap '68.

Separate determination of donor and acceptor concentrations. P. M. Omelet'nikovskii, A. A. Meier, V. I. Fistul', *Zav. lab.* 32 no. 4:418-450 '68.

Use of the "sandwich method" for obtaining epitaxial layers of semiconductor materials. A. S. Korotkov, I. U. D. Chistakov, *Izv. AN SSSR, Neorg. mat.* 2 no. 3:421-436 '68.

Volume changes during the melting of compounds having galena structure. V. M. Glazov, N. N. Glagoleva, S. B. Evgen'ev, *Izv. AN SSSR, Neorg. mat.* 2 no. 3:418-423 '68.

SEMICONDUCTORS—ELECTRIC PROPERTIES

Investigating the electric conductivity of alloys in the system $\text{Sn}_2\text{Te}_3 - \text{Sn}_2\text{S}_3$ in solid and liquid states. A. N. Krestovnikov and others, *Sbor. stat. i. splov.* no. 41:227-231 '66.

SEMICONDUCTORS—THERMOELECTRIC PROPERTIES

Methods for studying the thermoelectric properties of semiconductors in the liquid state. V. M. Glazov, V. A. Evseev, V. G. Pavlov, *Zav. lab.* 32 no. 3:299-300 '68.

SEMICONDUCTORS—WELDING

Pressure welding of microcircuit components with inductive pulse heating. I. U. Krasulin, V. G. Nikitin, V. I. Kuzmin, *Avtom. svar.* 10 no. 3:64-66 '66.

SEMIOTICS

Relation of knowledge and meaning. V. A. Lebedinskii, *Vest. LGU* 21 no. 5:66-73 '66.

SEMPALATINSK PROVINCE—WINDBREAKS, SHELTER-BELTS, ETC.

Structure of forest strips and the significance of shrubs in shelterbelts of the steppe zone of Semipalatinsk Province. N. A. Lavrov, *Sbor. i. sb. VNIIMI* no. 43:12-16 '63.

SEMPRECH'YE—SCULPTURE, ANCIENT

Sher, I. A. [Stone sculptures of Semprech'ye] *Kamennye izваяnija Semprech'ja*. Moskva, Nauka, 1966, 137 p.

SENSES AND SENSATION

Mikitenko, D. A. [Senses and reality; some philosophical problems in the theory of sensation] *Vidchutliv. i. dani*, *delni filozofski pytannia teorii vidchutliv.* Kyiv, Naukova dumka, 1966, 168 p.

SENTENCES (CRIMINAL PROCEDURE) see subdivision under Talar A. S. S. R.

SEPARATORS (MACHINES)

(see also subdivision under Gazli Oil Field)

Drip for a gas pipeline laid on a pier of an offshore oil field. M. G. Nasyrov, V. P. Kailichenko, *Gaz. prom.* 11 no. 4:30 '66.

The PSK separator. V. I. Sakharov, *Blud. tekhn. ekon. inform. Gos. nauch. issl. inst. nauch. i. tekhn. inform.* 10 no. 3:22-24 '66.

Kinetics of separation in hindered screening. E. A. Nepomnashchii, *Izv. vys. ucheb. zav. i. pishch. tekhn.* no. 2:121-127 '66.

Kristall, Z. B. [Liquid separators in the beer and soft drinks industry] *Zhiznostnye separatory v pivovarnykh i. moloknykh promyshlennosty.* Moskva, TsINTPI-sheprom, 1965, 28 p.

[MICROFILM]

The VSL separator. V. E. Sakharov, *Blud. tekhn. ekon. i. inform. Gos. nauch. issl. inst. nauch. i. tekhn. inform.* 10 no. 2:18-19 '66.

SEPTUM (BRAIN)—TUMORS

Basic ways of differential diagnosis of tumors of the septum pellucidum. L. B. Likhterman, *Vop. neirokhir.* no. 3:22-25 '65.

SEQUENCES (MATHEMATICS)

Convex sequences. N. I. Glebov, *Disk. anal.* no. 4:10-22 '65.

Restoration of a function from a certain characteristic sequence. I. I. Egorov, *Izv. vys. ucheb. zav. i. pishch. tekhn.* no. 2:148-157 '66.

Summation of unbounded sequences by linear regular methods. L. I. Ogilevskii, *Dokl. AN SSSR* 167 no. 5: 489-491 Ap '66.

Uniqueness of representation of Hermitian indefinite functions and sequences. V. I. Gorbachuk, *Ukr. mat. zhur.* 18 no. 2:107-113 '66.

SERICULTURE—RESEARCH see subdivision under Kalinin District (Uzbekistan)

SERIES

Buildup of coefficients of series converging to the Bessel or Walsh systems and also converging to functions integrable in the sense of Denjoy. F. G. Aizimian, *Izv. AN SSSR, Ser. mat.* 30 no. 2:325-344 '66.

Exact order of the best approximations of analytic functions representable by Faber polynomial generalized gap series. V. M. Kholashvili, *Sob. AN Gruz. SSR* 41 no. 3:520-534 '66.

Theory of analytic continuation of power series by lower triangular matrices. A. A. Melentsov, *Mat. sbor.* 69 no. 3:525-545 Ap '66.

SERINE

Chlorella mutants resistant to beta-alanine and serine. I. A. Zakharov, *Genetika* no. 3:115-117 '66.

Deamination of serine and threonine L-isomers in the heparoma of rats and mice. T. T. Berezov, *Biokhimiya* 31 no. 1:93-97 Ja-F '66.

SEROLOGY

Changes in the serological and antigenic properties of pathogenic leprosy in experimental conditions. Report No. 1. V. V. Anan'ev, L. P. Semanova, *Zhur. mikrobiol., epid. i. immun.* 43 no. 3:33-39 Mr '66.

Sequence of γ_1 - and γ_2 -antibody formation following the primary and repeated action of the antigen. Report No. 1. Distribution of antibodies in serum protein fractions following the primary and following infection of rabbits with *Rickettsia prowazekii*. Z. A. Voronova, *Zhur. mikrobiol., epid. i. immun.* 43 no. 3:131-138 Mr '66.

SERPENTINE

Serpentine-containing silicate scales. S. A. Durov, N. F. Postnikov, *Trudy NPI* 121:30-33 '61.

SERUM

Effect of blood serum from schizophrenics on the content of catecholamines in the brain tissue of animals. I. B. Davydova, L. I. Ninkov, D. D. Orlovskaya, *Vop. med. khim.* 12 no. 2:150-154 Mr-Apr '66.

Effect of immune sera on blood coagulation and fibrinolysis. G. V. Andreev, I. U. G. Tikhov, *Arkh. pat.* 28 no. 2:33-38 '66.

Use of the method of diffuse precipitation reaction in agar gel for studying the specificity of immune sera. K. F. Buzgich, *Uch. zap. VU* 10:144-146 '61.

SERUM DIAGNOSIS

Antigen for the complement fixation reaction and its use for serum diagnosis of diseases caused by *Mycoplasma pneumoniae*. M. S. Zakharova, N. M. Porubinskaya, *Zhur. mikrobiol., epid. i. immun.* 43 no. 3:60-65 Mr '66.

Clinical laboratory characteristics of acute intestinal diseases caused by enteropathogenic *Escherichia coli* 0124. S. S. Mekler, E. A. Akonchenkova, M. P. Oblapenko, *Zhur. mikrobiol., epid. i. immun.* 43 no. 3:70-74 '66.

Diagnosis of hog cholera by means of precipitation reaction in agar gel. K. N. Buchnev and others, *Trudy AZVI* 13:70-76 '64.

Diagnostic significance of the determination of serum enzymes in transitional forms of coronary insufficiency. P. V. Pakhomova, *Sov. med.* 29 no. 3:18-23 Mr '66.

Evaluating precipitation reaction in agar gel for the laboratory diagnosis of Aujeszky's disease in swine. M. I. Gushkov, *Trudy AZVI* 13:76-80 '64.

Serologic diagnosis of brucellosis in cats. A. I. Gullacv, *Trudy AZVI* 13:124-126 '64.

Serological methods of examination of farm animals for tularemia. I. S. Meshcheriakova, M. A. Ivanova, *Zhur. mikrobiol., epid. i. immun.* 43 no. 3:53-55 '66.

SERUM THERAPY

Directed use of biologically active substances in the active prevention of untimely aging and in the increase of vitality during physiological senescence. I. U. G. Spasokukots'kiy, *Fiziol. zhur. (Ukr.)* 12 no. 2:147-154 '66.

SERVICE INDUSTRIES see subdivision under Tallinn

SERVICE INDUSTRIES—ACCOUNTING

Accounting in service industry enterprises. I. Perchenok, *Bukh. uch. no. 4:32-33 Ap '66.*

SERVICE STATIONS see subdivision under Alma-Ata; Kazakhstan

SERVICE STATIONS—EQUIPMENT AND SUPPLIES see subdivision under Kazakhstan

SERVOMECHANISMS

Dynamic characteristics of relay servo systems. Part 1. G. S. Pospelov, *Izv. AN SSSR Tekh. kib.* no. 3:169-180 My-Je '65.

Servo systems. V. Kornel'v, *Tekhn. i. inzh.* no. 10:28-33 O '65.

Use of the invariance principle in digital servo systems with program control. L. S. Zhits'kiy, V. I. Skur'yshin, *Avtomatika* 11 no. 2:8-16 '66.

SEVEN WONDERS OF THE WORLD

Neikhardt, A. A., and I. A. Shishova. [Seven wonders of the ancient world] *Sem' chudes drevnego mira*. Moskva, Nauka, 1966, 133 p. Illus. (Series "Iz istorii mirovoi kul'tury")

SEVIN

New insecticide sevin and prospects for its use in the control of ixodid ticks. I. U. M. Shchadilov, *Med. paraz. i. paraz. bol.* 35 no. 1:73-77 Ja-F '66.

SEWERAGE

Installments for sampling water from sewers. V. I. Kalitun, A. L. Khin, I. U. A. Matrochik, *Vod. i. san. tekhn.* no. 5:37 My '65.

[Sewerage] *Tr. Gos. inzh. i. stroy. univ. Moskva*. [Installing systems of exterior water supply and sewerage] *Montazh sistem vneshnego vodosnabzheniya i. kanalizatsii*. Pod red. A. K. Pereshivkina. Moskva, Stroyizdat, 1966, 543 p. (Spravochnik po spetsial'nym rabotam)

SEWING—STUDY AND TEACHING

Work of girl students in a sewing workshop. D. M. Burkhin, *Shkola i. prof. i. v.* 10 no. 4:39-41 Ap '66.

SEWING MACHINES

Shefer, V. A., and L. N. Flerova. [Equipment for the knit garment industry] *Obozudovaniye trikotazhno-shvel'nogo proizvodstva*. Ld. 2, perer. i. dop. Moskva, Leghala Industriya, 1966, 383 p.

SEX CRIMES

Qualification criteria of sex crimes against minors under the Criminal Code of the U. S. S. R. P. P. Osipov, *Vest. LGU* 21 no. 5:151-155 '66.

SEX HORMONES see Hormones, Sex

SEX IN PLANTS see Plants, Sex in

SEX INSTRUCTION

Psychology and pedagogics of sex instruction. A. V. Petrova, *Kyiv. Rad. shk.* 44 no. 2:25-30 F '66.

SHAFT SINKING see subdivision under Karaganda Basin

SHAFT SINKING—EQUIPMENT AND SUPPLIES

Simplified calculation of dimensions of the shaft cage in ore mines. G. E. Simforov, V. A. Timofeev, *Met. i. gor. rud. prom.* no. 2:57-59 Mr-Apr '66.

SHAFTING

Calculation of propeller shafts. A. Kh. Vol'pert, V. D. Drinkov, *Sudostroenie* 30 no. 6:12-17 Je '64.

Golubev, G. A., and G. M. Kukin. [Sails for rotating shafts] *Uplozheniya vrashchalushchikh volov*. Moskva, Nauka, 1966, 98 p.

Orlov, A. V. [Effect of the inaccuracy of shaft position on the performance of gear transmissions] *Villanie notochestoi poizheniya volov na usloviya raboty zubchatykh peredach*. Moskva, Nauka, 1966, 98 p.

Some notes on articles dealing with the calculation of propeller shafts. I. A. Lur'e, *Sudostroenie* 30 no. 6:18-19 Je '64.

Some notes on D. E. Iekrisilskii and E. S. Reinberg's article. N. I. Karneev, *Sudostroenie* 30 no. 6:17-18 Je '64.

Stresses developing in the propeller shaft due to the relative displacement of bearings. D. E. Iekrisilskii, *Sudostroenie* 30 no. 4:25-29 Ap '64.

SHAGNIAN, MARIETTA SERGEEVNA, 1888-

To see, to interpret, and to understand. Marietta Shaginian tells us her story. G. Sagal, *Sov. pech.* no. 11:13-16 N '64.

SHAKHOVA SPIT—OIL WELL DRILLING RIGS

Rig No. 100, an all-Union laboratory for research on deep mineral deposits. A. Malinskii, G. Dzh. Neftekhim. 10 no. 6:18-19 S '65.

SHAKHTINSK REGION (KARAGANDA PROVINCE)—COAL MINES AND MINING—TECHNOLOGICAL INNOVATIONS

Clover fingers. M. Ermakov, *Nar. khoz. Kazakh.* 24 no. 3:66 Mr '66.

SHALE

Determination of pyrite in coal shales. E. S. Zaitmanzhov, G. I. Karasova, M. G. Semanova, *Lit. i. pol. iskop.* no. 2:148-150 Mr-Apr '66.

SHIP REGISTERS

The River Register is 50 years old. A Strakhov, M. Petrov. *Rech. transp.* 23 no. 3:15-16 Mr '64.

SHIP RESISTANCE

Studies on the resistance of water to the movement of ships. I. I. Kozlov. *Sudostroenie* 30 no. 6:66-71 Jr '64.

SHIPBUILDING

(see also subdivision under Czechoslovakia)

Rybalko, N. V., and V. D. Polosatkin. [Assembly of metal ships prior to their erection on slipways] *Proektirovaniia shkola metallicheskih sudov* Leningrad, Sudostroenie, 1966. 238 p.

SHIPBUILDING—CONGRESSES

Scientific technological conference at the Leningrad Shipbuilding Institute, Sudostroenie 30 no. 4:73 Ap '64.

Second plenum of the Leningrad Province Administration of the Scientific Technological Society. *Sudostroenie* 30 no. 6:71 Jr '64.

SHIPBUILDING—COSTS

Determining nominal prices in the planning and calculation of gross output. S. S. Vinogradov, S. I. Shralbo. *Sudostroenie* 30 no. 6:17-19 Jr '64.

SHIPBUILDING—EQUIPMENT AND SUPPLIES

Use of gas burners emitting infrared radiation in the heating of assembling platforms. V. I. Kunitayn, P. P. Samonov. *Sudostroenie* 30 no. 6:62-64 Jr '64.

SHIPBUILDING—LABOR PRODUCTIVITY

Efficient use of measures for the mechanization of manual labor. V. A. Safonov. *Sudostroenie* 30 no. 4:43-14 Ap '64.

SHIPBUILDING—PERIODICALS

Russian abstracting journal of shipbuilding. E. V. Sukaicheva. *NTI* no. 2:41-43 '66.

SHIPBUILDING—TECHNOLOGICAL INNOVATIONS

Review-competition for the best work of volunteer design bureaus. L. M. Bystryevskii. *Sudostroenie* 30 no. 4:73-74 Ap '64.

Survey of efficiency-promoting shipyard proposals. *Sudostroenie* 30 no. 4:51-54 Ap '64.

Survey of shipyard proposals for greater efficiency. *Sudostroenie* 30 no. 6:64-65 Jr '64.

SHIPBUILDING MATERIALS

Contribution of scientists to the program of the chemicalization of shipbuilding. A. I. Moiseev. *Sudostroenie* 30 no. 6:77-78 Jr '64.

SHIPFITTING

Shenkin, Z. R. [Hydraulic press fitted joints of ship parts] *Gidropressovye soedineniia sudovykh detalей*. Leningrad, Sudostroenie, 1966. 102 p.

SHIPFITTING—RESEARCH

Introducing the results of an experiment into the production program. V. N. Shershiuk. *Vest. vys. shkoly* 24 no. 4:49-50 Ap '66.

SHIPPING—ABSTRACTS

[Water transportation] *Ref. zhur.: Vod. transp.* nos. 3-4 Mr-Apr '66. *Avtorskii ukazatel'* za 1966 g.

SHIPPING CONFERENCES

Basic trends in the government control of shipping in developing countries. B. P. Khabar. *Trudy TSNIIMF* no. 70:106-114 '66.

SHIPS—CARGO

Classification of dry cargoes based on shipping conditions. I. A. G. Korkhov. *Trudy TSNIIMF* no. 70:98-103 '66.

SHIPS—EQUIPMENT AND SUPPLIES

Apparatus for purifying bilge water. I. Tuv, I. Kallin. *Rech. transp.* 24 no. 8:48 '65.

Basic characteristics of holds with mechanized closing and opening of hatches. M. I. Andrievskii. *Sudostroenie* 30 no. 6:4-5 Jr '64.

[Flexible containers on ships] *Sudovye mngkto emkost.* [By] V. E. Magula i dr. Leningrad, Sudostroenie, 1966. 267 p.

SHIPS—HYDRODYNAMICS

Bel'gora, M. A. [Bending moments for ships of inland navigation on rough waters] *Izgiatushchie momenty dlia sudov vnulrennego plavaniia na volnnoi.* Leningrad, Sudostroenie, 1966. 206 p.

Effect of the heeling angle on the circulation of the ship. B. V. Mirokhin. *Sudostroenie* 30 no. 6:9-11 Jr '64.

Lugovskii, V. V. [Nonlinear problems of the seaworthiness of a ship] *Netseinye zadachi morekhodnosti korabla.* Leningrad, Sudostroenie, 1966. 234 p.

SHIPS—LAUNCHING

Launching ships from inclined building slips without lubricating the launching ways. A. A. Malarchuk, I. V. Belichev. *Sudostroenie* 30 no. 4:11-12 Ap '64.

SHIPS—LIFTING DEVICES

Ship lifting device for small rivers. M. Kalinovich. *Rech. transp.* 23 no. 3:53 Mr '64.
Slip with an arch lift for hydrofoil boats. V. Litvinets. *Rech. transp.* 24 no. 9:29-30 '65.

SHIPS—MAINTENANCE AND REPAIR

(see also subdivision under Omsk)

Elimination of deficiencies in the organization of current repairs of ships. I. Karlaikin. *Rech. transp.* 21 no. 9:21-22 '65.

Expediency of the use of caissons. M. Pekerman. *Rech. transp.* 24 no. 9:28 '65.

Improve the business accounting system of plants. A. Zvonov. *Rech. transp.* 23 no. 3:22-25 Mr '64.

Improve the organization of technical operation of the fleet. A. Plesovskikh. *Rech. transp.* 25 no. 3:21-24 '66.

Make better preparations for ship repair in 1965-66. A. Videtskii. *Rech. transp.* 24 no. 9:1-2 '65.

Method of repairing ships by replacing parts. L. N. Polubakhov. *Sudostroenie* 30 no. 4:47 Ap '64.

The new planning system and material incentives in the work of industrial enterprises. K. Naldenko. *Rech. transp.* 25 no. 3:19-20 '66.

Not terminating sailing. B. Shil'man. *Tekhn. i voruzh.* 24 no. 2:50-56 Jr '66.

The voyage is completed. A. Teplov. *Rech. transp.* 23 no. 3:60 Mr '61.

SHIPS—TECHNOLOGICAL INNOVATIONS

Leading efficiency promoters, members of the Academician A. N. Kiylov Scientific Technological Society of the Shipbuilding Industry. I. N. Migachev. *Sudostroenie* 30 no. 4:50-51 Ap '64.

SHIPS—TRANSMISSION DEVICES

Change of the thickness of teeth of the reduction gear of the main geared turbine during milling due to the temperature variations of the ambient air. N. A. Musinskii. *Sudostroenie* 30 no. 4:37-41 Ap '64.

SHIPS—WELDING

The arguments for fastening the bulwark to the sheer strake are lacking strength. N. F. Kvashuk. *Sudostroenie* 30 no. 1:8 Ap '64.

Bulwark design for welded ships mooring in waves. N. V. Barnabov. *Sudostroenie* 30 no. 4:4-7 Ap '64.

The bulwark has to be protected against damaging. A. K. Osmolovskii. *Sudostroenie* 30 no. 4:9-10 Ap '64.

The local strength of bulwarks can be ensured. N. V. Barnabov. *Sudostroenie* 30 no. 4:12-15 Ap '64.

The method of fastening the bulwark to the sheer strake has to be chosen individually for each project. A. S. Krizimov. *Sudostroenie* 30 no. 4:8-9 Ap '64.

Possible improvements of the bulwarks of welded ships. M. N. Epshteln. *Sudostroenie* 30 no. 4:10-12 Ap '64.

SHIPS, CONCRETE

Abisimov, K. A., A. A. Mil'ko, and A. M. Paslinski. [Technology of the construction of reinforced concrete ships] *Tekhnologiya zhelezobetonnykh sudostroyenii.* Leningrad, Sudostroenie, 1965. 347 p.

SHOCK

Pathogenesis of hemotransfusion shock. A. U. Tilla, S. B. Fabrikant, V. V. Durnadova. *Pat. izlozhenie i eksp. izob.* 10 no. 1:40-13 Jr-F '66.

State of blood coagulation system in heterotransfusion shock in dogs. B. I. Kuznitskii, V. P. Mischechenko. *Pat. izlozhenie i eksp. izob.* 10 no. 1:62-65 Jr-F '66.

SHOCK WAVES

Generation and evolution of electromagnetic shock waves in transmission lines containing ferroelectrics. I. U. K. Bogatyrev. *Izv. vuzov, ucheb. zap. radiofiz.* 8 no. 6:171-177 '65.

Intensification of a shock wave by the polymerization energy and the feasibility of a detonation by polymerization. I. M. Barkalov and others. *Fiz. v red. zhur. eksp. i teoret. fiz.* 3 no. 8:300-312 Ap '66.

Self-similarity problem concerning the propagation of a shock wave in a gas-dust medium. E. A. Gidalevich. *Trudy Astrofiz. inst. AN Kazakh. SSR* 7:12-15 '66.

Theory of the action of blasting contiguous bunch holes. A. V. Bud'ko, V. M. Zakalinski. *Fiz.-tekhn. probl. razrab. pol. tekhn.* no. 8:78-86 '65.

Unsteady interaction of blunt bodies with a shock wave. K. E. Bogoslovskii. *Dokl. AN SSSR* 187 no. 5:1010-1022 Ap '66.

Vulcanization of rubber by a shock wave. I. M. Barkalov and others. *Dokl. AN SSSR* 187 no. 5:1077-1078 Ap '66.

Zel'dovich, I. A., and I. P. Raizer. [Physics of shock waves and high-temperature hydrodynamic effects] *Fizika udarnykh voln i vysokotemperaturnykh gidrodinamicheskikh iavlenii.* Izd. 2., dop. Moskva, Nauka, 1966. 686 p.

SHOCK WAVES—PHYSIOLOGICAL EFFECT

Some data on the biophysics of aerial contusions. V. G. Delnaga. *Biophysika* 11 no. 3:371-374 '66.

SHOE INDUSTRY

(see also subdivision under Yanglyul', Uzbekistan)
Tasks of the leather and shoe industry in 1966. *Kozh.-obuv. prom.* 8 no. 4:1-3 Mr '66.

SHOE INDUSTRY—HYGIENIC ASPECTS

Improvement of work conditions. N. N. Chechegolev. *Kozh.-obuv. prom.* 8 no. 4:1-5 Mr '66.

SHOE INDUSTRY—MANAGEMENT

(see also subdivision under Kostroma, Ukraine)
Specialization in the manufacturing of parts in the shoe industry as a factor in the economy of materials. V. Chesakova. *Trudy INKSI* no. 35:162-175 '65.

SHOE MANUFACTURE

Determining the factors affecting the water resistance of the seams of Russian leather boot uppers. N. I. Perminov. *Nauch.-issled. trudy VNIPPK* no. 16:130-133 '64.

Give main attention to the expansion of the assortment of manufactured footwear. I. A. Pikhodchenko. *Kozh.-obuv. prom.* 8 no. 3:5-7 Mr '66.

Increase of the degree of utilization of leather materials is the most important task of the shoe industry. A. M. Kuz'min. *Kozh.-obuv. prom.* 8 no. 3:7-8 Mr '66.

Krasheninnikov, N. A. [Plotting of the cyclograms for semi-automated continuous lines for the production of a given type of assortment of footwear; a textbook] *Postroenie tsiklogramm poluavtomaticheskikh potochnykh lini dlia vypuska zadannogo assortimenta obuvi; uchebnoe posobie.* Moskva, Legkaya Industriia, 1965. 19 p. [MICROFILM]

SHOE MANUFACTURE—EQUIPMENT AND SUPPLIES

Introducing instruments made of hard alloys in the production of heels and lasts. P. L. Koshmarchuk and others. *Kozh.-obuv. prom.* 8 no. 3:13-15 Mr '66.

SHOOTING

Rectangular or circular? N. Kalinchenko. *Voen. znan.* 42 no. 5:39 Mr '66.

SHOOTING—STUDY AND TEACHING

Strengthen the will! A. Maksimov. *Voen. znan.* 42 no. 5:10 Mr '66.

SHOOTING, MILITARY

(see also subdivision under Tomsk)

Tank firing ground. A. Shavchenko. *Tekhn. i voruzh.* no. 9:48-51 S '65.

SHOPPING CENTERS see subdivision under Belgorod; Moscow

SHOPPING CENTERS—DESIGN AND CONSTRUCTION

Design and construction of public and shopping centers in microdistricts. L. Polapov. *Arkhitekt. SSSR* no. 2:8-9 '66.

SHORT CIRCUITS

Registering ammeters for the locating of short circuit points on power transmission lines. A. I. Aizenzfeld, P. I. Gol'tsman. *Elektr. sta.* 37 no. 2:84-86 Jr '66.

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1908-

Great life of the opera. A. Zolotov. *Teatr* 27 no. 3:49-52 Mr '66.

SHOT PEENING—EQUIPMENT AND SUPPLIES

Completely mechanized shot-peening unit. A. I. Korshunov. *Blud. tekhn.-ekon. inform. Gos. nauch.-issled. inst. nauch. i tekhn. inform.* 19 no. 3:17-18 Mr '66.

SHREWS see subdivision under Soviet Central Asia; Soviet Far East

SHRAMOV, IAKOV ZAKHAROVICH, d. 1939

Iakov Zakharovich Shramov, one of outstanding organizers of health resorts and sanatoriums in Siberia. V. K. Mikhlin. *Vop. kur., fizioter. i tekhn. fiz. kul't.* 31 no. 1:74-76 '66.

SHIRAB REGION (TAJIKISTAN)—PALEOBOTANY

Wood of fossil Coniferae as material for studying the Jurassic flora of the Shirab region. R. Khudaberdiev. *Uzb. biol. zhur.* 10 no. 1:45-51 '66.

- SHUYA—TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES**
Work efficiency promoters in the consolidated weaving and finishing factory in Shuya. N. V. Shukov. Tekst. prom., 26 no. 4:43-44 Ap '66
- SIBERIA—AGRICULTURE—ECONOMIC ASPECTS**
The development of capitalism in Siberian agriculture in the participation of Soviet historical studies. L. M. Gornushkin. Trudy TGU 178:149-177 '65
- SIBERIA—APPLE—FROST RESISTANCE**
Development of seeds in apple varieties with various frost resistance. A. M. Burdakov. Izv. GIKh. bot. sadu no. 60:55-57 '63
- SIBERIA—CHEKHOV, ANTON PAVLOVICH, 1860-1901**
Chekhov in Siberia. A. A. Belousov. Trudy VSBi 10, 1:258-266 '62
- SIBERIA—CLOUDS**
Study of meteorological ionospheric conditions for the occurrence of noctilucent clouds in Siberia. N. P. Fast. Meteor. issl., 12:105-110 '66
- SIBERIA—COMMUNIST COMPETITION**
The communist labor movement in Siberia. I. I. Komogorov, V. G. Smol'kov. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:83-89 '66
- SIBERIA—GEOCHEMISTRY**
Important stage in the development of geochemical studies in Siberia. B. M. Shmakin. Geokhimiya no. 8:1063-1064 Ag '65.
- SIBERIA—HEALTH RESORTS, WATERING PLACES, ETC.**
Iakov Zakharovich Shtamov, one of outstanding organizers of health resorts and sanatoriums in Siberia. V. K. Mishin. Vop. kur., fizioter., i lech. fiz. kul't. 31 no. 1:74-76 '66.
- SIBERIA—INDUSTRIAL MANAGEMENT**
Classification of potentialities and determining time necessary for the mastering of production. V. I. Pandakov. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:37-44 '66
- SIBERIA—INDUSTRIAL MANAGEMENT—CONGRESSES**
Problems of increasing the efficiency of social production. B. A. Vakhlamov, A. P. Popov. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:136-140 '66
- SIBERIA—INDUSTRIES**
Growing industrial potentialities of Siberia. G. A. Vvedenskiy. Soob. Inst. po izuch. SSSR no. 3:26-48 '65.
- SIBERIA—INLAND WATER TRANSPORTATION**
Importance of the small rivers of eastern basins in transportation. N. Khariukov. Rech. transp. 23 no. 3:12-14 Mr '64
- SIBERIA—INTERCONNECTED ELECTRIC UTILITY SYSTEMS**
Asynchronous mode of operation and resynchronization of different electric power systems. V. I. Staroslin. Elek. sta. 36 no. 7:44-46 Ji '65
- SIBERIA—IONOSPHERE**
Study of meteorological ionospheric conditions for the occurrence of noctilucent clouds in Siberia. N. P. Fast. Meteor. issl., no. 12:106-110 '66.
- SIBERIA—JADE**
Kolesnik, I. U. P. [Nephrites of Siberia] Nefrity Sibiri. Novosibirsk, Izd-vo "Nauka" Sibirskoe otd-nto, 1966, 148 p.
- SIBERIA—KINDERGARTENS—DESIGN AND CONSTRUCTION**
All-purpose kindergarten and nursery building for micro-districts in Siberia. I. U. Tushin. Arkh. SSSR no. 4:56-57 '63
- SIBERIA—MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES**
Problem of improving the efficiency of the use of equipment. P. M. Petukhov, A. K. Semenov. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:6-17 '66
- SIBERIA—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS**
Economic problems of the mastering of new production. K. E. Nikolaeva. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:45-52 '66.
- SIBERIA—NATIVE RACES—NAMES**
Ethnic names in northwestern Siberia. L. P. Lashchuk. Vest. Mosk. un. Ser. 9. 21 no. 2:69-76 Mr-Apr '66
- SIBERIA—NURSERIES—DESIGN AND CONSTRUCTION**
All-purpose kindergarten and nursery building for micro-districts in Siberia. I. U. Tushin. Arkh. SSSR no. 4:56-57 '66.
- SIBERIA—PETROCHEMICAL PLANTS—DESIGN AND CONSTRUCTION**
Assembling vertical apparatus in the Siberian Petroleum Refinery and Petrochemical Plant Assembly Trust. V. A. Pronichev. Mon. i spets. rab. v stiol. 25 no. 12:3-6 D '63
- SIBERIA—PETROLEUM REFINERIES—DESIGN AND CONSTRUCTION**
Assembling vertical apparatus in the Siberian Petroleum Refinery and Petrochemical Plant Assembly Trust. V. A. Pronichev. Mon. i spets. rab. v stiol. 25 no. 12:3-6 D '63
- SIBERIA—PIKE**
Nikonov, G. I. [Pike of the Ob'-Irtys' basin and its commercial significance] Shchuka Ob'-Irtys'skogo basseina i ee promyslovoye znachenie [Tlumen']. Sverdlovsk-Ural'skoe knizhnoe izd-vo, 1965, 20 p. [MICROFILM]
- SIBERIA—RAILROADS**
Thirtieth anniversary of the Siberian State Design, Planning, and Surveying Institute of the State Committee of Transport Construction. M. T. Kokovikhin. Transp. stroit. 15 no. 8:38-39 Ag '66.
- SIBERIA—RAILROADS—MAINTENANCE AND REPAIR**
Eliminating deflections on sections with thermohydraulic characteristics. N. E. Zharubin. Put' i put. khoz. 10 no. 5:30-31 '66
- SIBERIA—REVOLUTION, 1917-1921**
Characteristics of the armed uprisings behind the front of the Kolchak Army 1918-1920. I. F. Plotnikov. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:60-66 '66
- SIBERIA—RHYNCHONELLIDAE, FOSSIL**
Sibirionella, a new order of Rhynchonellidae. R. L. Alekseyeva. Dokl. AN SSSR 167 no. 5:1147-1149 Ap '66.
- SIBERIA—RUSSIAN LANGUAGE—DIALECTS**
Study of the vocabulary of Siberian dialects. N. T. Rukharenko. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:123-129 '66
- SIBERIA—SANATORIUMS**
Iakov Zakharovich Shtamov, one of outstanding organizers of health resorts and sanatoriums in Siberia. V. K. Mishin. Vop. kur., fizioter., i lech. fiz. kul't. 31 no. 1:74-76 '66.
- SIBERIA—SOILS—FERTILIZERS AND MANURES**
Effectiveness of mineral fertilizers in soils of Siberia and the Far East. G. A. Davydov. Agrokhi. 10 no. 4:140-149 Ap '66.
- SIBERIA, EASTERN—CARBONATITES**
Trigonal molybdenum from carbonatites of Eastern Siberia. M. I. A. Somina. Dokl. AN SSSR 167 no. 1:600-601 Ap '66
- SIBERIA, EASTERN—COMMUNIST PARTY OF THE SOVIET UNION**
Mezhdoblastnaya nauchno-teoreticheskaya konferentsiya, posvyashchennaya 60-letiyu II s'ezda RSFRP, 1964 [Communists of Eastern Siberia in the struggle for the victory of the Soviet regime and the building of communism, materials] Kommunisty Vostochnoi Sibiri v bor'bu za pobedu Sovetskoi vlasti i postroyeniye kommunizma, materialy. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965, 317 p.
- SIBERIA, EASTERN—LIBRARIES, PRIVATE**
Private libraries of political deportees in Eastern Siberia. D. S. Zharkov. Trudy VSBi no. 1:176-220 '62.
- SIBERIA, EASTERN—MITES**
Mites of the Eugarasus berlesae family in Eastern Siberia. A. A. Goncharova, T. G. Buiakova. Nek. vop. klm. i kraev. pat. no. 4:78-80 '65.
- SIBERIA, EASTERN—MOLYBDENUM**
Trigonal molybdenum from carbonatites of Eastern Siberia. M. I. A. Somina. Dokl. AN SSSR 167 no. 1:600-601 Ap '66.
- SIBERIA, EASTERN—NATIONALITIES**
The Buryat national liberation movement during the struggle for the Soviet regime. B. B. Batuev. Trudy VSBi no. 1:3-37 '62.
- SIBERIA, EASTERN—REVOLUTION, 1917-1921**
Participation of the East-Siberian partisans in the crushing of the Kolchak troops. I. D. Dubyna. Ukr. ist. zhur. 9 no. 2:88-89 F '65.
- SIBERIA, EASTERN—RUSSIAN SOCIAL DEMOCRATIC PARTY**
Mezhdoblastnaya nauchno-teoreticheskaya konferentsiya, posvyashchennaya 60-letiyu II s'ezda RSFRP, 1964 [Communists of Eastern Siberia in the struggle for the victory of the Soviet regime and the building of communism, materials] Kommunisty Vostochnoi Sibiri v bor'bu za pobedu Sovetskoi vlasti i postroyeniye kommunizma, materialy. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965, 317 p.
- SIBERIA, WESTERN—BURNET (BOTANY)**
Dynamics of the tannin content in the West Siberian representatives of the genus Sanguinaria. I. G. A. Azovtsev. Rast. res. 2 no. 1:70-76 '66
- SIBERIA, WESTERN—COAL**
Principles of making up the formulae of changes in the particle composition of Western Siberian coals. I. F. Ol'shinitskiy, N. S. Ginzov. Koks i shishn., 1:4-6 '66.
- SIBERIA, WESTERN—ECONOMIC CONDITIONS**
Novosibirsk. Gosudarstvennyy pedagogicheskiy institut, [Activity of the party organizations of Western Siberia during the period of the restoration of the national economy, 1920-1925] Delatel'nost' partitsiynskikh organizatsii Zapadnoi Sibiri v period vosstanovleniya narodnogo khozyaistva, 1920-1925 gg., sbornik statei Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1965, 96 p.
- SIBERIA, WESTERN—FROZEN GROUND**
Thickness of frozen formations as one of the indicators of the technique of a region as revealed by a study in the north of Western Siberia. V. V. Baulin. Geol. i geofiz. 1:53-62 '66.
- SIBERIA, WESTERN—GEOLOGY, STRUCTURAL**
Fold structures of the Thule and Western Siberia as a reflection in gravity and magnetic anomalies. V. S. Shtarkov. Geol. i geofiz. no. 1:11-56 '66
- SIBERIA, WESTERN—GEOLOGY, STRUCTURAL**
Thickness of frozen formations as one of the indicators of the technique of a region as revealed by a study in the north of Western Siberia. V. V. Baulin. Geol. i geofiz. 1:53-62 '66
- SIBERIA, WESTERN—HISTORY**
Sources of the history of the settlement of Western Siberia in the 18th century. M. M. Gromyko. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:87-101 '66
- SIBERIA, WESTERN—RAILROADS—MAINTENANCE AND REPAIR**
Aiming for high quality in production. G. S. Tselintsev. Put' i put. khoz. 10 no. 3:0-10 '66.
- SIBERIA, WESTERN—ROLLING MILLS—DESIGN AND CONSTRUCTION**
Rapid construction of a 250-2 mill in Western Siberia. I. Zvezdov, I. U. Makotinov. Nauch. i tekhn. izv. 1:3-5 Mr '66.
- SIBERIA, WESTERN—WATER VOLES—EXTIRMINATION**
We need preventive control of water voles. G. I. Lashchuk. Zashch. zool. 11 no. 2:20-30 '66.
- SIBERIAN PLATFORM—DIAMONDS**
History of the formation of diamond placers of different ages in the northwestern part of the Siberian Platform. B. I. Prokuchuk. Izv. AN SSSR Ser. geol. 11 no. 1:45-55 Ap '66.
- SIBERIAN PLATFORM—GEOLOGICAL TIME**
Main geochronological stages of the Quaternary of the Siberian Platform. M. N. Alekseyev, E. I. Ravskii, S. M. Tselintsev. Izv. AN SSSR Ser. geol. 31 no. 3:101-103 Mr '66.
- SIBERIAN PLATFORM—GEOLOGY, STRUCTURAL**
Tectonic nature of basic structural elements in the eastern part of the Siberian Platform. P. D. Sultey-Kondrat'ov, V. V. Kozlov. Geotektonika no. 2:63-163 Mr-Apr '66.
- SIBERIAN PLATFORM—KIMBERLITE**
Structural position of kimberlites and their interrelationship with the rocks of alkali-ultrabasic formations in the Maymecha-Kolyma region (northern part of the Siberian Platform). N. P. Surina. Sov. geol. 0 no. 1:149-144 Mr '66.
- SIBERIAN PLATFORM—MAGNETISM, TERRESTRIAL**
Dipole nature of the earth's magnetic field in the Cambrian and Ordovician of the southern part of the Siberian Platform. V. P. Rodionov. Geol. i geofiz. no. 1:84-101 '66.

SIBERIAN PLATFORM—ROCKS, IGNEOUS

Structural position of kimberlites and their interrelation-ship with the rocks of alkali-ultrabasic formation in the Maymecha-Kotuy region (northern part of the Siberian Platform) N. P. Surina, Sov. geol. 0 no. 3:110-111 Mr '66

SIDERITE

Chemistry of the formation of siderite in hydrothermal deposits (calculation and experimental data). A. L. Pavlov, Geol. i geofiz. no. 4:73-81 '61

SIEVES

Determining the equivalence of silk and capron sieves. I. A. Lukin, V. Sibirskiy, Muk. -elev. prom. 32 no. 3:19-21 Mr '66.

Intensification of grain separation by cylindrical sieves. N. B. Bok, G. P. Kur'man, Trudy TsL, sel'khoz. inst. 9 no. 3:18-23 '65.

New regulating device for suction valves in sieve purifiers. V. Ogai, Muk. -elev. prom. 32 no. 4:20-21 Ap '66.

SIEVES—CLEANING

Cleaning sieves in sifting. N. P. Emel'yanichuk, Trudy VNIIZ, no. 53:77-81 '61

SIGNS AND SIGNSBOARDS—EXHIBITIONS

Radioluminescent signs. F. Zhukov, Inform. biul. VDNKH no. 3:35 Mr '66.

SIKHOTE-ALIN' RANGE—ALPINE FLORA

Classification of alpine vegetation of the southern Sikhote-Alin' Range. V. M. Ponomarenko, Soob. DVI AN SSSR no. 23:67-71 '64.

SIKHOTE-ALIN' RANGE—GEOLOGY, STRUCTURAL

Transverse zoning of the Sikhote-Alin' structure. T. P. Izokh, Geol. i geofiz. no. 1:32-41 '66

SILAGE

Digestibility of nutrients, the balance of nitrogen, calcium, and phosphorus in ducks fed mixed silage. V. F. Leonov, A. V. Buhakov, Vest. AN SSSR, Ser. sel'khoz. nav. no. 1:95-100 '66.

Machines for harvesting forage crops for silage and corn for grain. P. T. Kolesnikov, A. P. Bobolev, Trakt. i sel'khoz. mash. no. 5:28-30 My '66.

Measures for expanding the planting of corn for silage and increasing its yield in irrigated fields. T. E. Alekseyevskii, Zemledelie 26 no. 11:21-25 N '64.

Transformation of free amino acids in stored silage. N. F. Drondenko, Vest. sel'khoz. nauki 10 no. 3:88-93 Mr '66.

SILANE

Interaction of hydroxymethylphosphonic acid with trialkylacetoxysilanes. Synthesis of acetoxymethylphosphonic acid esters. N. F. Orlov, V. P. Miloshevich, Zhur. ob. khim. 36 no. 4:699-704 Ap '66.

Kinetics of the migration polymerization of epoxypropoxypropyl siloxysilane in presence of bis-hydroxymethyl carbamate. M. V. Sobolevskii and others, Plast. massy no. 4:19-21 '66.

Liquid - crystal equilibrium in the system dichlorosilane - carbon tetrachloride. G. Z. Blum, G. T. Danilova, L. N. Efremova, Zhur. fiz. khim. 40 no. 2:407-410 F '66.

Liquid-vapor equilibrium in the system trichlorosilane - chloroform. G. Z. Blum, S. S. Levova, Z. A. Klimkina, Zhur. fiz. khim. 46 no. 4:926-927 Ap '66.

Polymerization of ethylene on the catalyst system $TiCl_4 + Al(i\text{-}C_4H_9)_3$ in the presence of silane hydrides. G. V. Sorokhin, N. S. Namekin, V. N. Porchanko, Vysokom. soed. 8 no. 3:476-480 Mr '66.

Preparation of phenyl (trichloromethyl) dichlorosilane. G. V. Motarov, V. R. Rozenberg, Zhur. prikl. khim. 39 no. 1:204-207 Ja '66.

Reaction of ethylenimine with allyl silane. N. S. Namekin, I. A. Grunchevskiy, V. N. Porchanko, Izv. AN SSSR, Ser. khim. no. 4:737-740 '66.

SILANE—SPECTRA

Vibrational spectra of ethylchlorosilanes. Part 3: Ethylchlorosilane. I. A. Pantin, S. T. Rudakova, Vest. Mosk. un. Ser. 2: Khim. 21 no. 1:3-5 Ja-F '66.

SILANE, EFFECT OF RADIATION ON

Radiation-induced polymerization of polyfunctional allylsilanes. I. N. Boken and others, Vysokom. soed. 8 no. 3:557-559 Mr '66.

SILANOLS

Reactions of silanols with silane hydrides. S. N. Borisov, N. G. Syvldova, V. S. Orlova, Zhur. ob. khim. 36 no. 4:887-892 Ap '66.

SILHOUETTES

Fedor Tolstol's silhouettes. E. Kuznetsova, Iskusstvo 29 no. 2:58-61 '66.

SILICA

(see also subdivision under Kara Kum, Rozdil region, Ukraine)

Absorption of nitrogen on silica gel modified by dibutyl phthalate peroxides. G. A. Bugina, V. V. Serpinukh, Izv. AN SSSR, Ser. khim. no. 4:711-714 '66.

Adsorption of phosphoric chloride on silica gel from a binary solution. I. U. Maitynov, G. A. Afanas'eva, Zhur. fiz. khim. 40 no. 2:483-484 F '66.

Absorption of vapors on silica gel modified by a preliminary sorption of dibutyl phthalate. G. A. Bugina, V. V. Serpinukh, Zhur. fiz. khim. 40 no. 4:887-892 Ja '66.

Absorption of water vapors on silica gel modified by dibutyl phthalate peroxides. G. A. Bugina, V. V. Serpinukh, Izv. AN SSSR, Ser. khim. no. 4:731-733 '66.

Cracking of n-heptadecane in the presence of silica gel modified by alkali treatment. G. M. Panchenko and others, Neftekhim. 5 no. 2:211-215 Mr-Apr '65.

Determination of microgram quantities of arsenic in metallic silicon and high-purity silicon dioxide. V. I. Rigin, N. N. Mel'nichenko, Zav. lab. 32 no. 4:394-395 '66.

Kinetics of adsorption and desorption of water vapors on silica gels of varying porous structure. G. V. Ts. - tshechlin, P. Okonchadidze, Trudy Inst. khim. AN Gruz. SSR 17:53-64 '61.

Nature of the products of interaction of iodine with silica gel. S. I. Kol'tsov, V. D. Alekseyevskii, Zhur. neorg. khim. 11 no. 2:249-251 F '66.

Synthesis and properties of modified silica. I. E. Naiman, Vest. AN BSSR, Ser. khim. nav. no. 1:102-113 '66.

Thermal effect and size of silica gel pores. O. S. Novikova, N. D. Rinhova, Uzb. khim. zhur. 9 no. 3:72-73 '65.

Thermodynamic calculation of a process in which glasslike interacts with silica and sodium chloride in the presence of water vapor. V. I. Ksenzenko, S. I. Mal'lov, N. A. Zaremova, Dokl. AN SSSR 167 no. 1:838-840 Ap '66.

SILICA—ADSORPTIVE PROPERTIES

Effect of calcination temperature on the structure of pores and the adsorptive properties of geometrically modified silica gels. N. V. Azhinskaya and others, Koll. zhur. 28 no. 2:161-170 Mr-Apr '66.

SILICATES

Behavior of the impurity line in relation to the solid-liquid diagram for some systems of oxides and salts. Part 2. I. U. A. Pralaskovskii, V. M. Akulovich, L. M. Dzhaloev, Vest. AN BSSR, Ser. khim. nav. no. 4:46-51 '65.

Conditions governing the formation of rare-earth silicates in natural processes. A. I. Ginzburg, I. I. Kupilianova, Geol. mest. ied. elem. no. 26:180-210 '66.

Correlation of thorvalite-yttrianite-thorite-cerite. G. A. Sidorenko, Geol. mest. ied. elem. no. 26:125-129 '66.

Fedorov, A. D., L. F. Gilegor'eva, and T. A. Makarova. Fibrous silicates, natural and synthetic asbestos. Voloknistyye silikaty, prirodnye i sinteticheskie asbesty. Moskva, Nauka, 1966. 183 p.

Luminescence of praseodymium in silicate glasses. G. A. Mukova, S. P. Lun'vin, P. P. Fedosilov, Zhur. prikl. spekt. 4 no. 3:245-251 Mr '66.

Physical properties and the methods for the diagnostics of rare-earth silicates. I. T. Aleksandrova, I. I. Kupilianova, L. I. Rybakova, Geol. mest. ied. elem. no. 26:167-180 '66.

Reaction of iron with three-component silicate melts. V. I. Arsen'ov, A. A. Appen, Zhur. prikl. khim. 38 no. 2:408-411 F '65.

Synthesis of silicates in the system $CaCO_3 - MgCO_3 - SiO_2 - H_2O$ at 540° and 460 atm in the presence of calcium and magnesium chloride additions. D. V. Kalinin, G. G. Likhova, Geol. i geofiz. no. 1:21-31 '66.

SILICIC ACID

Chemical and spectral method of determining micro-impurities in ethyl alcohol of orthosilicic acid. G. A. Pavlov, T. P. Skuzovatova, Trudy IREA no. 27:73-78 '65.

Complex formation of orthosilicic acid esters with titanium tetrachloride. I. U. V. Koidinzhnyi, O. E. Kashchenkov, O. A. Osipov, Zhur. neorg. khim. 11 no. 2:348-350 F '66.

SILICON

Effect of silicon on conditions of anodic separation of austenite. G. K. Baranova, I. U. A. Kijachko, Zav. lab. 31 no. 7:792-795 '65.

Effect of the thickness of an oxide on the field effect in silicon. O. S. Frolov, O. V. Snilko, V. N. Iakovkin, Ukr. fiz. zhur. 11 no. 4:448-448 Ap '66.

Electrolytic polishing of electronic silicon in hydrofluoric acid solutions. T. K. Ivanova, A. S. Litovich, Uzb. khim. zhur. 8 no. 3:51-54 '65.

Methodology of determining the overall silicon content of water and its practical verification. I. U. A. Koidinzhnyi, O. M. Sitkin, A. I. D. - stuk, Teflokhim. 13 no. 3:93-94 Mr '66.

SILICON—ANALYSIS

Extinction-photometric determination of phosphorus and silicon in the form of their reduced heteropoly acids. F. P. Sudakov, V. I. Klimina, N. T. Maslova, Vest. Mosk. un. Ser. 2: Khim. 21 no. 1:98-100 Ja-F '66.

SILICON—ELECTRIC PROPERTIES

Electroconductivity of n-silicon in strong, pulsed magnetic fields. R. Oragulyev, Izv. AN Turk. SSR, Ser. fiz. - tekhn. khim. i geol. nauk no. 2:31-34 '66.

SILICON—METALLURGY

Obtaining a high-purity silicon by sublimation through a subchloride in vacuum. V. N. Chechentshev and others, Sbor. Inst. stali i splav. no. 41:261-269 '66.

SILICON—THERMAL PROPERTIES

Thermodynamic stability of germanium and silicon near absolute zero. V. K. Semenchuk, T. D. Soldatova, Zhur. fiz. khim. 40 no. 2:458-460 F '66.

SILICON ALLOYS—SPECTRA

Study of X-ray spectra of nickel and silicon in their alloys. R. D. Bartoshevich, N. D. Savchenko, V. P. TSvetkov, Ukr. fiz. zhur. 11 no. 4:424-129 Ap '66.

SILICON CARBIDE

Electroluminescence of silicon carbide. I. K. Vereshchagin, A. S. Kirlichuk, Izv. AN SSSR, Ser. fiz. 30 no. 4:604-606 Ap '66.

Special method for determining impurities in silicon carbide. L. S. Vasil'yevskaya and others, Zav. lab. 31 no. 5:561-562 '65.

SILICON CARBIDE—SPECTRA

Spectral analysis of silicon carbide. A. N. Pikhlin, Zav. lab. 31 no. 5:559-561 '65.

SILICON CARBIDE—THERMODYNAMICS

Thermodynamic investigation of the system Si - O - C at high temperatures. I. V. Rubchikov, Izv. AN SSSR, Met. no. 2:14-19 Mr-Apr '66.

SILICON CRYSTALS—PHOTOELECTRIC PROPERTIES

Effect of heat treatment on the photoelectric properties of silicon having structural defects due to radiation. A. N. Savchenko and others, Dokl. AN BSSR 10 no. 3:148-150 Mr '66.

SILICON CRYSTALS—TESTING

Exposure of inhomogeneities in silicon single crystals in infrared light. M. G. Mil'vidskii, S. P. Grishina, A. V. Berkova, Zav. lab. 31 no. 5:586-589 '65.

SILICON DIODES

Distribution of an impulse voltage in silicon rectifier circuits. M. N. Novkov, V. A. Zav'yalov, Elektrotehnika 37 no. 4:23-25 Ap '66.

SILICON-GERMANIUM ALLOYS see Germanium-silicon alloys

SILICON-IRON-ALUMINUM ALLOYS see Iron-silicon-aluminum alloys

SILICON ORGANIC COMPOUNDS see Organosilicon compounds

SILK MANUFACTURE

Improving the technical and economic indices of the work of silk industry enterprises. A. V. Kulazeva, Tekst. prom. 26 no. 4:81-82 Ap '65.

SILKWORMS

(see also subdivision under Azerbaijan)

Inclusion of labeled amino acids into the fibroin part of the silkworm Bombyx mori L. N. N. V. Biriukova, P. Kuliyev, O. N. Mamednizov, Izv. AN Turk. SSR, Ser. biol. nauk no. 1:56-63 '66.

SILOXANES

Effect of aliphatic alcohols on the structure formation and strength of white silica pastes in polymethylsiloxanes. T. I. Zatsopina, A. A. Trapoznikov, R. N. Shestobakova, Koll. zhur. 28 no. 2:313-318 Mr-Apr '66.

Reactions of silanols with silane hydrides. S. N. Borisov, N. G. Sviridova, V. S. Orlova, Zhur. ob. khim. 36 no. 4:887-892 Ap '66.

Synthesis of polyborodimethylsiloxanes of branched structure. K. A. Andrianov, M. N. Ermakova, Izv. AN SSSR, Ser. khim. no. 4:630-633 '66.

SILOXANES, EFFECT OF RADIATION ON

Radiation-induced polymerization of polyfunctional vinylsiloxanes. K. S. Konobeevskii and others, Vysokom. soed. 8 no. 3:553-556 Mr '66.

- SILT—ANALYSIS** see subdivision under Alkali Lakes
- SILVER**
Amperometric titration of palladium and silver when present together. O. A. Sviridov, A. I. Pashchenko, P. I. Mishchenko. Zh. tekhn. fiz. 31 no. 6 661-663 '65.
Protection of silver against darkening. R. S. Saifullin, F. I. Naibullina. Zhur. prikl. khim. 38 no. 2 341-345 '65.
- SILVER—ANALYSIS**
Amperometric determination of microgram quantities of silver by means of Reincke's salt. I. L. Baghanly and others. Dokl. AN Azerb. SSR 21 no. 11 15-17 '65.
- SILVER CHROMATE**
Formation of layers of silver bichromate in gelatin. F. M. Shemlakin. Trudy I-go IIM 17-31-41 '64.
- SILVER-COPPER ALLOYS** see Copper-silver alloys
- SILVER ELECTRODES** see Electrodes, Silver
- SILVER SALTS**
Formation of layers of silver arsenate in gelatin, agar, and aqueous medium. F. M. Shemlakin. Trudy I-go IIM 17-31-39 '62.
Microanalytical determination of silver ions by paper chromatography. T. S. Todorova, T. Zhecheva. Zav. lab. 32 no. 4 417 '65.
Particular features of halogenation of silver salts of some nitrocarboxylic acids. A. I. Surubert, Zn. org. khim. 2 no. 2 218-220 '65.
- SILVER SULFIDES**
Stationary processes of migration in Ag₂S under isothermal conditions. I. I. Pokrovskii, M. M. Pavluchenko, G. I. Shukh. Dokl. AN BSSR 10 no. 3 170-173 Mr '66.
- SIMAZINE**
Practices of using simazine on collective and state farms in Moscow Province. A. I. Shishkin. Khim. v sel'. khoz. no. 4 72-75 Ap '66.
- SIMILITUDE, THEORY OF**
Determining the work indices of the fleet by an analysis of the test results based on the theory of similitude. A. V. Pastanov. Trudy TSNIIT 7 no. 16 149-162 '58.
- SIMULATION METHODS**
Use of electrical modeling in determining the curvature of the level lines in a convex mapping of a circular ring. I. G. Danduchenko. Sib. mat. zh. 7 no. 2 270-284 Mr-Ap '66.
- SINDHI LANGUAGE—VOICE**
Forms of the passive Sindhi. R. P. Egorova. Kral. sob. inst. nar. Az. no. 52-48-55 '64.
- SINGAPORE—DESCRIPTION AND TRAVEL**
First time Singapore. V. Mezintsev. Nov. vrem. 23 no. 19 18-21 My '65.
- SINGAPORE—TRADE UNIONS**
Singapore's trade unions, labor movement. Ho See Bang. Nov. vrem. 23 no. 23 23-24 Je '65.
- SINKIANG—PHYSICAL GEOGRAPHY**
Murzaev, E. M. [Nature of Sinkiang and the formation of deserts in Central Asia] Priroda Sin'tszi'ana i formirovaniye pustyn' Tsentral'nogo Azii. Moskva, Nauka, 1966. 381 p.
- SINTERING**
Certain methods of forming and sintering carbides. Edmund Brilak, Khizant Lesnak, Polosh. met. 6 no. 4 85-109 Ap '66.
Certain regularities in the sintering of porous products of high melting compounds. E. M. Prshedom'skaya, V. M. Neptsov. Poch. met. 6 no. 4 111-15 Ap '66.
Rate of sinter cooling in sintering pans. S. G. Bratchikov, I. P. Khudorozhkov. Izv. vys. ucheb. zav.; chem. met. 9 no. 4 32-35 '65.
Vacuum conditions for laboratory tests on sintering. V. I. Korotich, P. N. Grekov. Izv. vys. ucheb. zav.; chem. met. 9 no. 4 37-41 '65.
- SISKIAN, NORAIR MARTIROSOVICH, 1907-1966**
In memory of Academician N. M. Siskian. Vest. AN SSSR 36 no. 3 3-4 Mr '66.
- SIZING (TEXTILE)**
Breakage on looms of warp sized with saponified polyacrylonitrile. F. M. Rozanov, N. P. Lukhanov. Tekst. prom. 26 no. 4 40-42 Ap '66.
Use of polyvinyl alcohol in sizing acetate yarn. B. I. Khaimov, A. V. Pustilovskaya. Tekst. prom. 26 no. 4 42-43 Ap '66.
- SKARNS**
Methodology of the division of the skarn zone in endo- and exoskarns. M. Z. Kantor. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 4 34-41 Ap '66.
- SKATES (FISHES)**
Two forms of anadromic skates *Rhinichthys dybowskii* (Gur'shal, 1775) and *Rhinichthys dybowskii* (Temminck et Schlegel, 1850) (*Rhinichthys*). L. N. Bredanov. Zool. zhur. 45 no. 3 482-484 '66.
- SKAZKIN, SERGEI DANILOVICH, 1890-**
S. D. Skazkin as scholar and teacher, on his 75th birthday. IU. M. Saprykin. Vest. Mosk. un. Ser. I 21 no. 2 83-89 Mr-Ap '66.
- SKIN**
Direct connections and feedbacks in the formation of avoidance and alimentary reflexes to electrical stimulation of the skin. M. I. Tashmukhamedova. Zhur. vyz. nev. dist. 16 no. 2 365-368 Mr-Ap '66.
Effect of supplementary feeding of hydrolysis yeast to ewes on the histological structure of lamb skins. K. Mambetov. Trudy AZVI 13-55-60 '64.
Reactivity of the skin under the effect of mediators in peptic ulcer. N. A. Bagdasarian, A. D. Kropotova. Sbor. stud. nauch. rab. Arkh. gos. med. inst. no. 2 10-11 '65.
SBV-14 film for the preoperative preparation of the skin, closing of postoperative ulcers, and protection of the skin around fistulas. G. S. Lipovetski and others. Khirurgia 42 no. 4 132-144 Ap '66.
- SKIN—DISEASES**
Concentrated sunlight in treating some dermatoses. U. B. Berdibaev, K. D. Gouina. Vop. kosm. fiziol. i lech. fl. kul't. 30 no. 2 121-124 Mr-Ap '65.
External use of sex hormone preparations in dermatosis. I. N. Vinokurov, IU. K. Skripkin, L. S. Ukhova. Sov. med. 29 no. 4 90-94 Ap '66.
Vitamins B₅ and B₁₂ in the treatment of some diseases of the skin. M. M. Zheltakov, I. N. Vedrova, A. V. Khamaganova. Sov. med. 29 no. 3 100-102 Mr '66.
- SKIN—TUMORS**
Explantation of hemangiomas of the skin. L. M. Kamen'skaya. Vop. onk. 10 no. 11 54-60 '61.
Skin melanomas. A. K. Apatenko, IU. S. Dranitskii. Voen.-med. zhur. no. 4 47-50 Ap '66.
- SKIN EFFECT**
Effect of test duration on the average well output. A. I. Perchik. Izv. vys. ucheb. zav.; nef't' i gaz. 8 no. 8 111-114 '65.
- SKIN GRAFTING**
Selection of the skin grafting method in reconstructive surgery on extremities. V. L. Liantzman. Vop. travm. no. 2 84-110 '63.
- SKIS AND SKING—TESTING**
Effect of the physicomachanical indices of racing skis on their performance quality. F. D. Kulakov. Dor. ptom. 15 no. 4 16-18 Ap '66.
- SKRIABIN, KONSTANTIN IVANOVICH, 1878-**
Shkoberlova, N. P., K. I. Skriabin. Moskva, Meditsina, 1965. 101 p. (Nauchno-populjarnaya meditsinskaya literatura)
- SKRIPCHENKO, EKATERINA SERGEEVNA, 1906-**
On the occasion of the sixtieth birthday of E. S. Skripchenko. Masl.-zhir. prom. 32 no. 3 47 Mr '66.
- SKULL—FOREIGN BODIES**
Prolonged asymptomatic stay of foreign bodies in the cranial cavity. A. I. Balandina. Vop. travm. no. 2 118-125 '63.
- SKULL—SURGERY**
Clinical aspects and surgical treatment of tumors of the tuberculum sellae turcicae. A. I. Arstamov, IU. M. Filatov. Vop. neirokhir. 30 no. 1 1-5 Ja-F '66.
- SKULL—WOUNDS AND INJURIES**
Capillary resistance in the acute period of cranio-cerebral traumas. V. I. Rubinovitch, D. L. Smolenskii. Vop. neirokhir. 30 no. 1 40-42 Ja-F '66.
- SLAG**
Determination of lead solubility in slags. G. V. Kim, A. N. Kvatskovskii, M. A. Abdeev. Zhur. prikl. khim. 30 no. 3 708-709 Mr '66.
Effect of furnace slag getting into the converter on the losses of cobalt. V. A. Vorob'ev. Tsvet. met. 39 no. 3 31-39 Mr '66.
Hydraulic conveying of slag. E. Z. Nagli, L. N. Granat, Elek. sta. 37 no. 2 28-33 F '66.
Mechanization of waste removal in cupola melting. R. G. Serebriev. Lit. proizv. no. 3 39-40 Mr '66.
Metal degassing during its treatment with slag. F. V. Vinchenko, A. F. Vashkarev, V. I. Avolskii. Sbor. inst. stal' i spav. no. 4 116-131 '66.
- SPECTRAL ANALYSIS OF METALLURGICAL SLAG AND AGGLOMERATES**
In the molten state. O. I. Nikulina, L. I. Gudykina, I. I. Kolomiets. Zav. lab. 32 no. 4 431-434 '66.
Use of liquid blast-furnace slags in metallurgical practice of the Ukraine. D. N. Rozanov. Met. i gorn. ust. i. no. 2 79 Mr-Ap '66.
- USING BLAST-FURNACE SLAG AS GRAVEL FOR CONCRETE.**
V. B. V. Stuk. Bud. mat. i konstr. 7 no. 4 37-38 Ja-Ag '65.
- SLAG—ANALYSIS**
Certain physicochemical properties of melts and their losses with slag. A. V. Vasilukov and others. Stal' i spav. no. 4 350-365 '66.
Influence of slag conditions on the operation of blast-furnaces. N. I. Zhilko and others. Stal' 26 no. 4 21-29 Ap '66.
Iron oxides in basic open-hearth furnace slags during the decarburization and alloying of low-carbon steels. V. D. Sokolov, P. V. Dmitriuk. Izv. vys. ucheb. zav.; chem. met. 9 no. 4 42-47 '65.
Kinetics of the reduction by carbon of iron oxides from molten high-manganese slag. G. N. Oika, I. A. Vashkov. Sbor. inst. stal' i spav. no. 4 141 150 '66.
- SLAG—ELECTRIC PROPERTIES**
Viscosity and electric conductivity of aluminum-chromium slags. L. L. Khamletov, S. I. Sachinikov, III. A. Dostalin. Izv. vys. ucheb. zav.; chem. met. 9 no. 4 14-18 '66.
- SLAG—TESTING**
Hydrogen behavior in slags from steel smelting processes: effect of hydrogen on certain slag properties. I. F. Zel'din, V. I. Avolskii. Sbor. inst. stal' i spav. no. 4 3-15 '66.
Physicochemical properties of high-manganese slags of the semifinished product. G. N. Oika and others. Sbor. inst. stal' i spav. no. 4 131-116 '66.
Studying the physicochemical properties of molten slags from the electric smelting of copper. P. N. Haskyrdzhiev, A. V. Vasilukov. Sbor. inst. stal' i spav. no. 4 407 419 '66.
Viscosity of aluminum-silicate slags. N. I. Zhilko and others. Stal' 26 no. 4 20-31 Ap '66.
Viscosity of high-zinc slags. V. I. A. Zaitsev and others. Sbor. inst. stal' i spav. no. 4 375-380 '66.
- SLAG—THERMODYNAMICS**
Modern theory of slags. O. A. Ekin. Vop. proizv. stal' i spav. no. 10 23-55 '65.
Thermodynamic properties of lead-containing silicate melts. A. V. Vasilukov, S. S. Tikhonov, V. I. A. Zaitsev. Sbor. inst. stal' i spav. no. 4 381-388 '66.
- SLAG—TRANSPORTATION**
Screw conveyor for slag transportation. V. V. Pichanov, V. V. Popov. Lit. sta. 36 no. 7 71-75 Ji '65.
- SLANDER**
Luban, I. I. [Malicious seed; true stolen] Istoricheskoe i sovremennoe slovo. Moskva, Poligrafizdat, 1966. 93 p.
- SLAUGHTERING AND SLAUGHTERHOUSES** see subdivision under Krasnodar Territory
- SLAUGHTERING AND SLAUGHTERHOUSES—EQUIPMENT AND SUPPLIES**
Efficient shop reconstruction. V. Zhadin. Miro. rev. SSSR 37 no. 2 30-40 '66.
- SLAVE TRADE** see subdivision under Great Britain
- SLAVERY** see subdivision under Rome
- SLAVIC LANGUAGES—STUDY AND TEACHING**
Studies of Hungarian scholars devoted to the Slavic languages and literature. M. A. Sokolova, N. A. Mestecher'skii. Vest. LGU 21 no. 3 152-156 '66.
- SLAVIC LITERATURE—STUDY AND TEACHING**
The continuation of good old traditions. N. P. Korovin. Slav. no. 3 125-126 '66.
Professor R. Lait's lectures. R. Lait. Slav. no. 3 113-114 '66.
The study of Slavic literature in the Czech Institute of scholarly research. Zdenek Urban. Slav. no. 3 123-125 '66.
- SLAVIC POTTERY** see Pottery, Slavic
- SLAVIC STUDIES** see subdivision under Czechoslovakia, Hungary, Rumania
- SLAVIC STUDIES—BIBLIOGRAPHY** see Bibliography—Slavic studies
- SLAVIC STUDIES—CONGRESSES**
Fifth International Congress of Slavists. P. S. Ukr. ist. zhur. 8 no. 1 155-156 '64.

SLAVIC STUDIES—PERIODICALS

A new periodical of Slavic studies. Sov. slav. no. 3'126 '66.

SLAVICEK, ANTONIN, 1870-1910

Antonin Slavicek, E. Georgievskaya, Iskustvo 29 no. 3:66-68 '66.

SLAVS

Second conference of the historians of Slavic peoples in Kiev. L. H. Lashenko. Ukr. ist. zhur. 8 no. 1:154-155 '64.

SLAVYANSK (UKRAINE)—PUBLIC PROSECUTORS

On the job training of the employees of a district public prosecution office. A. T. Tyshnyi. Rad. pravo 29 no. 1:42-43 Ap '66.

SLEEP THERAPY

Therapeutic use of electric sleep in some diseases of the nervous system. Kh. A. Izakson. Vop. kul. i. biol. i. lek. fiz. kul't. 10 no. 2:173 Mr Ap '66.

SLOPES (PHYSICAL GEOGRAPHY)

Effect of the slope on the erosion intensity of sandy soil. V. M. Pavlov. Vest. Mos. un. Ser. 5 Geog. 21 no. 2: 104-106 Mr-Apr '66.

Formation of ravine slopes. F. V. Kuzakovskii. Vest. sel'khoz. nauk 10 no. 3:100-107 Mr '66.

SLOVAK LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN

Isachenko, A. V. [Grammatical system of the Russian language in comparison with Slovak] Grammaticheskiy stroi russkogo iazyka v srovnanii s slovanskim. Izd. 2. Bratislava, Izd-vo Slovatskoi akad. nauk. Vol. 1. 1965- (ICU)

SLOVAK PERIODICALS

A new periodical of Slavic studies. Sov. slav. no. 3'126 '66.

SLUICES

Stuleting drainage systems in areas located outside floodlands in the White Russian Polesye (based on data of the study at the Kossovo Swamp Experiment Station). A. I. Mikhal'tsevich. Vest. AN BSSR. Ser. sel'khoz. nav. no. 4:80-85 '66.

SLUTSK DISTRICT—AGRICULTURE—FINANCE

Quality of produce and production profitability. N. Prokopenko. Tr. kon. sel'khoz. 41 no. 4:20-27 Ap '66.

SLUTSK DISTRICT—FEED INDUSTRY

From practices in the production and bulk release of mixed feeds. V. P. Ilenko, N. Rudkovskii, S. Babinets. Muk. i. elev. prom. 32 no. 3:13-15 Mr '66.

SMALLPOX—MICROBIOLOGY

Effect of histone on the intracellular development of smallpox virus. I. G. Batandin and others. Vop. virus 11 no. 1:21-25 Jan '66.

SMALLPOX IN ANIMALS

Camel pox. I. U. F. Borisovich, M. D. Orekhov. Veterinaria 42 no. 3:50-52 Mr '66.

SMELTING FURNACES

Changes in coke properties occurring during blast furnace smelting. I. M. Glushchenko, V. I. Khuvkin, V. M. Antipov. Koks i. khim. no. 4:10-21 '66.

Motion of particles in a cyclone chamber. V. A. Smel'nikov, A. D. Kluchnikov. Izv. vys. ucheb. zav. i. energ. 9 no. 4:10-14 Ap '66.

SMELTING FURNACES—EQUIPMENT AND SUPPLIES

Using steel-pouring stopper ladles by chemically hardening mixtures. V. M. Solfer, V. P. Matylenko. Stal. 26 no. 1:310-320 Ap '66.

SMOKE see subdivision under Tashkent

SMOLENSK—LIBRARIES AND READERS

A competition of poets. S. Migunova. Biblioteka 13 no. 4:42 Ap '66.

SMOLENSK GOVERNMENT—HISTORY

Rylikov, G. T. [Peasant movement in Smolensk Government during the period of the decay of serfdom, the end of 18th to the first half of the 19th century] Krest'ianskoe dvizhenie v Smolenskoj gubernii v period razlozheniya krestostnichestva, konets XVIII-pervaia polovina XIX vv. [Smolensk] Smolenskoe knizhnoe izd-vo, 1957. 154 p. map. (MII)

SMOLENSK GOVERNMENT—PEASANTRY

Rylikov, G. T. [Peasant movement in Smolensk Government during the period of the decay of serfdom, the end of 18th to the first half of the 19th century] Krest'ianskoe dvizhenie v Smolenskoj gubernii v period razlozheniya krestostnichestva, konets XVIII-pervaia polovina XIX vv. [Smolensk] Smolenskoe knizhnoe izd-vo, 1957. 154 p. map. (MII)

SMOLENSK PROVINCE—HOME AND SCHOOL

Links of one chain. N. Kalnyk. Sem'na shkola 21 no. 2:1 F '66.

SMOLENSK PROVINCE—RECLAMATION OF LAND

Reclamation of land is an important unused potentiality of non-Chernozem regions. N. Kalmyk. Kommunist 4: no. 7:37-15 My '66.

SMUGGLING

The border isn't far from Moscow. O. Spasskii. Mol. komm. no. 3:105-107 Mr '66.

SMUTS

(see also subdivision under Voronezh Province)
Morphological changes in some types of gramineous plants as related to the effect of smut fungi. N. S. Eshimova. Trudy AZVI 13:61-60 '61.

SNAKES see subdivision under Badkhyz region (Turkmenistan)

SNESAREV, ANDREI EVGEN'EVICH, 1865-

100th anniversary of the birth of A. E. Snesev. Vest. AN SSSR 36 no. 3:193 Mr '66.

SNOW

Snow conditions. I. V. Tyshkevich. Priroda 55 no. 4:124-125 '66.

SNOW PLOWS

A small screw-vector snowplow. E. Danilin. Tekhn. i. voen. 24 no. 2:80-82 F '66.

SOAP—STORAGE

Increasing the frost resistance of household soap during prolonged storage. L. I. Kozlova, K. E. Lobanova, P. D. Kupchinskii. Masl. zh. i. prom. 32 no. 3:21-26 Mr '66.

SOAP INDUSTRY

From the experience in the operation of a plant for continuous cooking of household soap. M. I. Muchnik and others. Masl. zh. i. prom. 32 no. 2:33-13 F '66.

SOCCER

Shubkov, M. P. [Lessons in soccer; textbook for the sections of physical education groups (for the beginners classes)] Uroki po futbolu; uchebnoe posobie (dlia sektsii kolektivov fizicheskoi kul'tury dlia zaniatii s nachinal'shchikami), 6, perer. i. dop. izd. Moskva, Fizkul'tura i sport, 1960. 189 p.

SOCI—MEAT INDUSTRY—HYGIENIC ASPECTS

To aid the elimination of trueness. I. A. Chubais. Mias. ind. SSSR 37 no. 2:33 '66.

SOCHI—TAXICALES

The main thing is the quality of work. V. Pastov. Avi. transp. 44 no. 3:32-33 Mr '66.

SOCIAL CHANGE

Regular patterns in the development of social consciousness under socialism. A. K. Uledov. Nauch. dokl. vys. shkoly; filos. nauki 9 no. 2:11-21 '66.

SOCIAL CLASSES

(see also subdivision under India)
Contradictions in socialist society. S. T. Melnikhin. Nauch. dokl. vys. shkoly; filos. nauki 9 no. 2:98-105 '66.

SOCIAL ETHICS

Discussion on the problems of ethics. S. N. Ikonnikova. Nauch. dokl. vys. shkoly; filos. nauki 9 no. 2:146-149 '66.

SOCIAL EVOLUTION

V. I. Lenin's views on correlation between national and international factors in social development. V. M. Honcharova, O. A. Makarenko. Ukr. ist. zhur. 10 no. 4:19-20 Ap '66.

SOCIAL GROUP WORK

(see also subdivision under Moldavia, Sverdlovsk)
Some problems in the organization of the Soviet cities' patronage aid to rural areas during the seven-year plan. V. I. Kuzakova. Vest. Mos. un. Ser. 0: Ist. 21 no. 2:3-19 Mr-Apr '66.

SOCIAL GROUP WORK—STUDY AND TEACHING

Second profession of an agrulturist. I. G. Kasluk, V. K. Bodrov. Vest. vys. shkoly 24 no. 4:57-59 Ap '66.

SOCIAL HYGIENE see Public health

SOCIAL INSURANCE see Insurance, Social

SOCIAL MEDICINE

Korobkov, O. V. [Problem of causality in medicine. Social problems in medicine [by] A. M. Izutkin. Criticism of the philosophical principles of some theories and trends of medicine in capitalist countries [by] I. U. P. Listin]. Problema prichinosti v meditsine. Sotsialnye i obshchestvennye meditsiny [by] A. M. Izutkin. Kritika filosofskikh osnov nekotorykh teorii i napravlenii meditsiny kapitalisticheskikh stran [by] I. U. P. Listin. Moskva, Znaniye, 1965. 62 p. (Bibliotekha "Filosofskie problemy meditsiny," no. 5)

SOCIAL PROBLEMS

[Silver spoon] Seobrianaia lozhka. [Moskva] Molodai gvardia, 1964. 93 p. (Rovesnik shagaet po planete) (NCC)

[Struggle for man] Boi idet za cheloveka. Leningrad, Ob-vo "Znaniye," 1965. 271 p.

SOCIAL PSYCHOLOGY

Parygin, B. D. [What is social psychology] Chto takoe sotsial'naya psikhologiya. Leningrad, Ob-vo "Znaniye" RSFSR, 1965. 37 p.

Regular patterns in the development of social consciousness under socialism. A. K. Uledov. Nauch. dokl. vys. shkoly; filos. nauki 9 no. 2:11-21 '66.

V. I. Lenin's revolutionary theory and social psychology. B. F. Iosadnev. Ukr. ist. zhur. 10 no. 4:3-18 Ap '66.

SOCIAL SCIENCE RESEARCH

The All-Union Symposium on the Problems of Concrete Sociological Studies in the U. S. S. R. H. A., P. V. Ukr. ist. zhur. 10 no. 4:156-157 Ap '66.

First Session on social science research. Izv. AN Kazakh SSR Ser. obshchestv. 4 no. 1:2-27 Jan '66. Specific social research at the service of the development of communism. V. P. Rozhin, V. A. Iadov. Vest. vys. shkoly 24 no. 3:68-71 Mr '66.

SOCIAL SCIENCES

Characteristics of the present-day development of bourgeois nations. M. N. Rosenko. Uch. zap. Kaz. obshchestv. nauk. 1965. Filos. nauki 7:147-159 '65.

[Russian "enlighteners" (from Radishchev to the Decembrists), collection of works in two volumes] Russkie osvoboditeli (ot Radishcheva do dekabristov); sobraniye proizvedenii v dvukh tomakh. Moskva, Mysl', 2 v. 1966. (Filosofskoe nasledie)

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING

In the State Committee on Vocational and Technical Education of the Council of Ministers of the U. S. S. R. Prof. i. tekhn. obr. 23 no. 4:27 Ap '66.

SOCIALISM

(see also subdivision under Africa; Czechoslovakia)

"Ethical socialism" of the right-wing socialists and Marxists. A. G. Vlasin. Nauch. dokl. vys. shkoly; filos. nauki 9 no. 2:82-89 '66.

From the history of early Russian socialism; Butashchevskii, Potrashevskii and Speshnev. A. A. Galaktionov, P. F. Nikandrov. Vest. LGU 21 no. 5:54-64 '66.

Popov, S. I. [The philosophy of the present-day rightist socialists in a blind alley] Filosofiia sovremennykh pravyykh sotsialistov v tupika. Moskva, Znaniye, 1965. 31 p. (Novoe v zhizni, nauke, tekhnike. II Seriya: Filosofiia, no. 8)

Problem of intellectual freedom in socialist society. M. T. Lovchuk. Nauch. dokl. vys. shkoly; filos. nauki 9 no. 2:22-33 '66.

SOCIALISM—PERIODICALS see subdivision under White Russia

SOCIALIST COMPETITION

(see also subdivision under Ukraine)
Collective of the "Dniepr" Locomotive Depot stands a watch in honor of the 23d Congress of the CPSU. Elek. i. teple. tiaga 10 no. 2:2 of cover, 0 F '66.

Extend the competition among the shock workers and collectives of communist labor. M. F. Ivanyts'ka. Farmats. zhur. 20 no. 2:86-89 '65.

History of a journey in search of new forms and methods of socialist competition. A. Popov. Nefteknik 10 no. 11:33-34 N '65.

In honor of the 23d Congress of the CPSU. N. Smirnova, O. Skotnikova. Mias. ind. SSSR 37 no. 2:4-6 '66.

Nationwide socialist competition in honor of the 23d Congress of the CPSU. Elek. i. teple. tiaga 10 no. 2. 1-3 F '66.

Publicity and efficiency. A. Soldatnikov. Grahd. av. 22 no. 9:8-9 S '65.

Results of the all-Union competition of petroleum workers. A. Smirnov. Nefteknik 11 no. 4:10-14 Ap '66.

Results of the all-Union socialist competition of chemical industry enterprises producing mineral fertilizers and chemicals for the protection of plants during 1965. Khim. prom. 42 no. 4:310-311 Ap '66.

SOCIALIST COMPETITION (Continued)

Results of the all-Union socialist competition of the enterprises and organizations of chemical industries during the fourth quarter of 1965. Khim.prom. 42 no 4 309-310 Ap '66.

Results of the all-Union socialist competition of the sulfuric acid shops in enterprises of chemical, petroleum refining and petrochemicals industries during the fourth quarter of 1965. Khim.prom. 42 no 4 310 Ap '66.

Socialist competition and technological progress. V. V. Svirid. Khim. i Prom. 10 no 4 30-32 Ap '66.

Socialist competition at the Baku Milling Combine. N. Kanukin. Muk.-elektrom. 32 no 4 3 Ap '66.

Socialist obligations assumed by the collectives of synthetic fiber enterprises in honor of the 23d Congress of the CPSU. Khim. volok. no 2 76-78 '66.

Title of "Best in the profession" conferred on railroaders. I. I. Matvienko. Lich. i tepla tuga 9 no 9 1-2 S '65.

Workers of the All-Union and All-Russian Socialist competition from the collectives of oil and gas industry enterprises. I. P. Maslov. Neftyanik 19 no 10 10-13 O '66.

Workers of the group named after the newspaper "Pravda". A. I. Mungalo. Elek. i tepla tuga 10 no 9 4-5 F '66.

SOCIALIST INTERNATIONAL—CONGRESSES

At the Congress of the Socialist International. IU, Zhilim. Nov. vrem. 23 no 21 5-8 My '66.

SOCIALIST PARTY see subdivision under Italy

SOCIALIST PROPERTY

Contradictions in socialist economics. V. I. Mal'nev. Nauch. dokl. vuz. shkoly, filoz. nauka 9 no 2 90-97 '66.

Contradictions in socialist society. S. T. Melnikhin. Nauch. dokl. vuz. shkoly, filoz. nauka 9 no 2 98-105 '66.

On the nature of socialist property and its development. V. G. Lopatkin. Uch. zap. kaf. polit. ekon. no 6 3-12 '65.

SOCIALIST REALISM

Faith and consciousness. N. Nazarenko. Istusstvo 29 no 3 31-36 '66.

Shambok, A. A. [The truth of artistic portrayal] Pravda khudozhestvennogo izobrazheniya. Moskva, Sovetskii khudozhnik, 1965 72 p.

SOCIOLOGY

Boravetskiy, P. [Social ideal; fundamentals of social philosophy] Sotsial'nyi ideal, osnovy sotsial'nol filosofii. Paris, 1965 136 p.

Collective work of the family and its development under socialism. A. L. Popova. Uch. zap. kaf. obshchestv. nauk. vuz. G. Len. Filoz. no 7 122-134 '65.

Contradictions in socialist society. S. T. Melnikhin. Nauch. dokl. vuz. shkoly, filoz. nauka 9 no 2 98-105 '66.

SODA INDUSTRY

Determining the economically efficient pressure over the distillation apparatus liquid in soda production in case of the utilization of its heat by means of a thermocompressor. A. V. Semke. Khim. prom. 42 no 4 285-287 Ap '66.

SODALITE see subdivision under Azov Sea region

SODIUM

Polarographic study of moisture in fused chloride electrolytes for the preparation of metallic sodium. K. A. Gerasimov, V. Z. Grebenik. Zhur. prikl. khim. 39 no 3 522-527 Mr '66.

SODIUM ACETATE

Determination of sodium acetate in an ammonium electrolyte for zinc plating. F. I. Kotik, A. A. Luppova. Zav. lab. 31 no 6 675 '65.

Use of sodium trichloroacetate against quack grass in fiber flax fields. N. G. Abramov, R. G. Koptelova. Khim. v sel'. khoz. no 4 41-43 Ap '65.

SODIUM BORATES

Kinetics of dissolution of sodium borates by the rotating disk method. A. A. Ravdel', I. V. Sharikov. Zhur. prikl. khim. 39 no 1 65-69 Ja '65.

SODIUM BOROHYDRIDE

Melting diagram of the system $\text{NaBH}_4 - \text{NH}_3$. G. A. Egorenko, D. S. Stasinevich, I. S. Antonov. Zhur. neorg. khim. 11 no 2 415-419 F '66.

SODIUM BROMIDE—PHYSIOLOGICAL EFFECT

Effect of sodium bromide on the blood coagulation system. V. N. Mironov, V. M. Ardova. Farm. i toka. 28 no 2 200-203 Mr-Ap '65.

SODIUM CHLORIDE see Salt

SODIUM FERRICYANIDE

Use of sodium nitroprusside for the potentiometric determination of copper and zinc. O. N. Rusina, I. N. Kovalenko, Z. I. Ivanova. Zhur. anal. khim. 31 no 3 257-259 '66.

SODIUM FLUORIDE—TOXICOLOGY

Effect of dibasol on the animal organism in sodium fluoride poisoning. R. O. Amirov. Farm. i toka. 28 no 2 241-244 Mr-Ap '65.

SODIUM FLUOSILICATES

Effect of sodium fluosilicate on the roasting of high aluminate charges corresponding to white Portland cement. M. G. Gullamov, I. S. Kanisepol'ski. Uzb. khim. zhur. 9 no 3 15-19 '65.

SODIUM FORMATE—PHYSIOLOGICAL EFFECT

Incorporation of $\text{HCl}^{14}\text{OONa}$ into the bacterial cells and nucleic acids of the EV strain of the plague microbe. V. G. Maslitskiy, M. L. Bekker. Vop. med. khim. 11 no 3 35-40 My-Je '65.

SODIUM HYDROXIDE

Use of sodium hydroxide for the preparation of acyl succinic acid esters. Zhur. prikl. khim. 38 no 2 436-437 F '65.

SODIUM IODIDE CRYSTALS

Luminescence centers in NaI(Tl) crystals. O. B. Lyskovyeh, N. K. Gusleva. Ukr. fiz. zhur. 11 no 1 445-446 Ap '66.

SODIUM OXIDE

Analysis of sodium ozonide. S. A. Tokatova, G. P. Pilypenko. Zhur. anal. khim. 21 no 5 380-381 '65.

SODIUM PEROXIDE

Oxidation of bifunctional organoboron compounds by sodium peroxide for analytical purposes. L. I. Zapharuk, A. I. Kovalev. Izv. AN SSSR. Ser. khim. no 4 748-749 '66.

Preparation and properties of sodium peroxide dihydrate $\text{Na}_2\text{O}_2 \cdot 2\text{H}_2\text{O}$. T. P. Filsova and others. Izv. AN SSSR. Ser. khim. no 4 757-759 '66.

SODIUM PHENOXIDE

More precise formulation of the electrometric method of sodium phenolate titration. A. P. Ryabogova, N. G. Naval'mina. Koks i khim. no 4 46-47 '66.

SODIUM PHENYL PHOSPHATES

Effect of inhibitors and activators on the kinetics of sodium phenyl phosphate hydrolysis by alkaline phosphatase. A. P. Brestkin, L. V. Dubovskaya, Blokhmita 31 no 1 83-70 Ja-F '66.

SODIUM SALTS

Microcrystalloscopic reactions of p-aminosalicylic, salicylic, and benzoic acids to sodium salts. T. I. Bulekov, M. I. Tarasenko, S. P. Mikhlinova. Trudy I-go MMI 17 155-159 '62.

Some properties of aqueous solutions of sodium salts of styrene copolymer with maleic anhydride. I. B. Kotliar, E. P. Sivarev, N. M. Chernysheva. Zhur. prikl. khim. 39 no 3 642-646 Mr '66.

SODIUM SILICATES

Mechanism of stabilization of hydrogen peroxide by sodium silicate during bleaching. I. Kh. Raskina, P. I. Sidorov, G. A. Bogdanov. Zhur. prikl. khim. 39 no 1 35-39 Ja '66.

SODIUM VANADATES

20° Solubility isotherm of sodium vanadate in sodium aluminate and sodium gallate solutions. A. P. Iatsenko, S. P. Iatsenko. Zhur. prikl. khim. 39 no 1 75-82 Ja '66.

SOFERTIS, LEONID VLADIMIROVICH

A graphic artist with a sharp line. I. Karelnikova. Iskustvo 29 no 2 18-21 '65.

SOIL, PODZOLIC see Podzol

SOIL ACIDITY

(see also subdivision under Georgia)

Different resistance of various corn types to the acidity of nutrient solutions. E. L. Klimashevskii. Agrokhimia no 4 88-106 Ap '66.

SOIL BINDING

Use of polyacrylamide for sand binding. O. A. Agafonov, A. A. Shviov. Sbor. trud. po agron. fiz. no 11 141-144 '65.

SOIL BIOLOGY

Biological activity, fertility of parts of the plow layer of soils, and the composition of soil air. L. N. Abrosimova, I. B. Revut. Sbor. trud. po agron. fiz. no 11 157-167 '65.

Relationship between the nuclease activity of the soil and pH and the effect of various substances on it. F. Kh. Khaziev. Nauch. dokl. vuz. shkoly, biol. nauki no 2 223-227 '66.

SOIL CONDITIONERS

Dynamics of the water stability of soil aggregates under various conditions of moistening and the nitrifying capacity of soils. V. I. Revut, I. A. Romanov. Sbor. trud. po agron. fiz. no 11 112-115 '65.

Effect of soil conditioners on the aggregate composition of soils. L. N. Abrosimova. Sbor. trud. po agron. fiz. no 11 116-122 '65.

Improvement of Solonchak soils in Tselinograd Province using synthetic soil conditioners. O. A. Agafonov, I. B. Revut. Sbor. trud. po agron. fiz. no 11 150-156 '65.

Some new possibilities for the improvement of the hydrophysical conditions of soils using synthetic soil conditioners. A. Jonavichus, G. L. Maslennikova, I. B. Revut. Sbor. trud. po agron. fiz. no 11 132-140 '65.

Use of surface active agents as synthetic soil conditioners. A. Jonavichus, G. L. Maslennikova. Sbor. trud. po agron. fiz. no 11 123-131 '65.

SOIL CONSERVATION—EQUIPMENT AND SUPPLIES see subdivision under Georgia

SOIL FORMATION

Chemical and mineralogical composition of tuffaceous soils in White Russia developed under various parent rocks. S. A. Tikhonova. Vest. d. AN 1956, Ser. geol. nauki, nov. no 1 28-35 '66.

Some problems of the genesis of soils in V. V. Ponomarev's works. A. A. Roda. Pochvovedenie no 4 70 '65 Ap '66.

SOIL MECHANICS

(see also subdivision under Caucasus, Northern)

Effect of moisture and compaction of soils on their maximum resistance to shearing. B. I. Potapov. Pochvovedenie no 4 30-32 Ap '66.

Experimental study of the pressure of fill in the angular sections of culverts. Trudy TSNR no 5 43-51 '66.

Experimental study of the shear resistance of natural soils. B. I. Potapov. Sbor. trud. po agron. fiz. no 11 21-25 '65.

Kandarov, I. I. [Mechanics of granular media and their use in construction] Mekhanika zernistykh sred i ee primeneniye v stroitel'stve. Leningrad, Stroitel'stvo 1966. 318 p.

Stress distribution in multilayer thrustless granular media. I. I. Kandarov. Izv. VNIIG 7 193-210 '64.

Studying the kinetics of deformations due to creep in soils. N. F. Bodarenko, B. I. Potapov. Sbor. trud. po agron. fiz. no 11 20-37 '65.

Take the nature of soils in the construction of the road bed. O. M. Roznikov, V. M. Mishalov. Puti i post. st. c. 10 no 4 43 '66.

SOIL MOISTURE

(see also subdivision under Caucasus; Kazakhstan; Kirgizia; Armenia; Lowland)

Akademiya nauk SSSR. Laboratoriya lenovedeniya. [Effect of excessive soil moisture on the productivity of forests] Vliyanie izbytochnogo uvlazhneniya pokrytiya na produktivnost' lesov. Moskva, Nauka, 1966 153 p.

Dynamics of the water stability of soil aggregates under various conditions of moistening and the nitrifying capacity of soils. V. I. Revut, I. A. Romanov. Sbor. trud. po agron. fiz. no 11 112-115 '65.

Effect of till furrowing on the dynamics of soil moisture. V. P. Volkov. Pochvovedenie no 4 31-49 Ap '66.

Role of the shelterbelt system in hydrological improvement. V. A. Karpov. Sbor. trud. po agron. fiz. no 11 66-74 '65.

Some new possibilities for the improvement of the hydrophysical conditions of soils using synthetic soil conditioners. A. Jonavichus, G. L. Maslennikova, I. B. Revut. Sbor. trud. po agron. fiz. no 11 132-140 '65.

Studying the kinetics of boundary layers of liquids in clayey soils by the electro-osmotic method. N. F. Kandarov, S. V. Nepelin. Sbor. trud. po agron. fiz. no 11 37-47 '65.

Shadrinskii, I. I. [New methods for evaluating the hydrophysical properties of soils and the optimal moisture of forests] Novyye metody otsenki vodno-fizicheskikh svoystv pochvy i ylgooobespechennosti lesa. Moskva, Nauka, 1966. 92 p.

Thermal transportation of moisture in macroaggregates. A. M. Glushko, S. V. Nepelin. Sbor. trud. po agron. fiz. no 11 50-60 '65.

Translocation of water in soils as related to the dynamics of aggregates. S. V. Nepelin, N. A. Sokolovskaya, I. B. Revut. Sbor. trud. po agron. fiz. no 11 61-73 '65.

Using the method of thermodynamic transfer potential in the study of the movement of moisture in the soil. I. I. Shadrinskii. Sbor. trud. po agron. fiz. no 11 43-55 '65.

SOIL MOISTURE—EFFECT ON PLANTS see Marks. Effect of soil moisture on

SOIL PERCOLATION

Extension of the theorem on the circle to percolation flows (flows in piecewise inhomogeneous soils). O. V. Golubova. Izv. AN SSSR, Mekh. zhid. i gaz. no 3 113 '66.

Numerical method for solving problems involving percolation from canals. A. A. Ilushchenko. Dokl. AN USSR no 3 270-283 '66.

SOIL PERCOLATION (Continued)

- Seepage in case of a horizontal waterproof underlayer. L. P. Kluuz, A. M. Miakushev. Trudy LITISBP no. 18 240-242 '65.
- Study of real unsteady percolation in plan T. D. Strel'tsova. Izv. VNIIG 74 101-108 '61.
- Unsteady flow of groundwater toward a gallery in the case of seepage. M. A. Sattarov. Dokl. AN Tadzh SSR no. 3 7-11 '66.

SOIL PERCOLATION—ELECTROMECHANICAL ANALOGIES

- Methodology of predicting depression surfaces taking into consideration the infiltration from sewage irrigation fields into soil layers differing in their permeability to water. N. I. Diuzhinin. Trudy LITISBP no. 18, 213 257 '65.

SOIL PHYSICS

- Change in the properties of turf-Podzolic soils during subsoiling. V. A. Chernyshov. Sbor. trud. po agron. fiz. no. 11 170-186 '65.
- Characteristics of the physical properties of clayey dark-colored turf soils. Z. F. Nemchinova. Sbor. trud. po agron. fiz. no. 11 174-178 '65.
- Characteristics of the rheological properties of structural soils. S. V. Neipin, B. I. Potapov. Sbor. trud. po agron. fiz. no. 11 17-20 '65.
- Instruments and methods of investigation of the rheological properties of clay soils. N. V. Zhukov, A. M. Gultkin. Inzh.-fiz. zhur. 10 no. 3 396-404 Mr '66.
- Processes of mass transfer in an adsorbing dispersed medium. V. M. Prokhorov. Sbor. trud. po agron. fiz. no. 11 38-42 '65.
- Some physical conditions in the plow layer of the soil in reducing the interillage of corn. B. P. Goncharov, P. I. Smolodina. Sbor. trud. po agron. fiz. no. 11 187-195 '65.

SOIL POLLUTION

- Quantity of viable ascariid eggs in the soil of ascaridosis foci existing for a long time and the prospects of self-purification of the soil. V. I. A. Kebin, Med. paraz. i parazit. bol. 35 no. 1 97-102 Jan '66.
- Veterinary hygienic analysis of soils of livestock runs. D. S. Shepelev. Uch. zap. Mord. gos. un. no. 17 42-46 '65.

SOIL RESEARCH

- In the Scientific Council "Theoretical Bases of Soil Science". V. P. Kostichenko. Pochvovedenie no. 4 100-102 Ap '66.
- Session of the Scientific Council "Theoretical Bases of Soil Science" on the problem of recording and establishing soil groups. V. P. Kostichenko. Pochvovedenie no. 4 95-100 Ap '66.
- Studying the effect of the mineralogical composition and moisture of soils on the determination of their weight by volume using the method of scattered gamma radiation. V. I. Golpov. Vest. Mosk. un. Ser. 4. Geol. 10 no. 2 61-68 Mar '66.
- Use of radiocarbon dating to determine the age of soils. O. A. Chichagova, G. G. Levina. Izv. AN SSSR, Ser. geog. no. 2 80-84 Mar-Apr '66.

SOIL SCIENCE

- In the Central Council of the All-Union Society of Soil Scientists. O. S. Pogodina. Pochvovedenie no. 4 102-104 Ap '66.

SOIL STABILIZATION

- Effectiveness of using stabilized soil screens. I. M. Shetkhet. Stroitel. arkhit. Uzb. 7 no. 2 30-37 F '66.
- General regularities and specific characteristics of the behavior of dispersed systems stabilized by various methods. N. F. Bondarenko, S. V. Nerpin. Sbor. trud. po agron. fiz. no. 11 11-16 '65.
- Stabilization of excavation inclines by the catchment method. I. M. Turin. Puti i put. khoz. 10 no. 3 30-31 '66.

SOIL STRUCTURE

- Effect of polymers on the structure of Chernozems and yield of corn. I. A. Krupnikov, N. I. Rogovskaya. Sbor. trud. po agron. fiz. no. 11 145-149 '65.

- SOILS see subdivision under: Alakol' Depression; Chashniki region (White Russia); Georgian, Northern Dvina Delta, Russia, Northwestern; Virgin Territory

SOILS—AMMONIA CONTENT

- Colorimetric determination of fixed ammonium in soils. V. N. Kudotarov. Agrokhimia no. 4 129-134 Ap '66.

SOILS—ANALYSIS

- (see also subdivision under Azerbaijan)
- Effect of herbicides on some agrochemical properties of soils. V. I. Zavarzin. Agrokhimia no. 4 121-124 Ap '66.

- Effect of mineral fertilizers and farm manure on the agrochemical properties of soils and the uptake of nutrients by crops based on long-term experiments. V. P. Bugakov, Z. M. Oskanova. Agrokhimia no. 4 59-70 Ap '66.

- Effect of the continuous application of fertilizers on the agrochemical characteristics of the turf-Podzolic soils of hay fields. L. D. Fedorova. Khim. v sel'. khoz. no. 4 19-22 Ap '66.

- Polarographic determination of dinitro-O-cresol on leaves of bracken and in the soil. B. P. Vannitsa. Vop. puti 21 no. 3 71-79 Mar '61.

- Polarographic methods of agrochemical analysis, brief survey. L. M. Skobets. Khim. v sel'. khoz. no. 4 60-63 Ap '66.

- Tasks of the state agrochemical services. IU. V. Toplygin, V. P. Tolstousov. Khim. v sel'. khoz. no. 4 56-59 Ap '66.

- Theoretical bases for recommendations for the distribution and efficient use of fertilizers and the practical activity of agrochemical services. I. G. Dikhsar. Effek. rab. v sel'. khoz. no. 1 3-16 '65.

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—CARBON CONTENT see subdivision under Tajikistan

SOILS—CLASSIFICATION

- (see also subdivision under: Kuybyshev Province; Meshchery)

- Qualitative evaluation of soils in need of melioration. V. K. Panov, I. S. Veshenskaya. Zemel. delo 28 no. 3 13-19 Mar '66.

SOILS—COMPOSITION

- (see also subdivision under: Astrakhan Province, White Russia)

- Effect of soil conditioners on the aggregate composition of soils. L. N. Abasimova. Sbor. trud. po agron. fiz. no. 11 116-122 '65.

- Group composition of organic matter in the coarse-humus shallow gley soils in former Pozharskoye District of the Maritime Territory. N. V. Khavkin. Sbor. DV FAN SSSR no. 23 35-39 '64.

SOILS—DENSITY

- (see also subdivision under: Kolkhida Lowland, Tselinograd Province)

- Effect of soil density on the yield of potatoes. O. A. Vlasov. Sbor. trud. po agron. fiz. no. 11 103-106 '65.

- Effect of various soil densities on the germination and development of melons. L. P. Bobkova. Sbor. trud. po agron. fiz. no. 11 107-111 '65.

- Measuring the density of the soil of embankments without determining the moisture. S. N. Smirnov, E. P. Roluk. Stroitel. arkhit. Uzb. 7 no. 2 32-34 F '66.

SOILS—FERTILIZERS AND MANURES see subdivision under Siberia, Soviet Far East

SOILS—MAGNETIC PROPERTIES see subdivision under Udmurt A. S. S. R.

SOILS—MAPS

- Establishment of soil groups and their role in the improvement of the use of land resources. V. M. Fridland. Agrokhimia no. 4 3-13 Ap '66.

- World soil map and scientific problems connected with it. I. P. Gerasimov. Pochvovedenie no. 4 1-14 Ap '66.

SOILS—MICROBIOLOGY

- (see also subdivision under: Kazakhstan; Lithuania)
- Use of fluorescent antibodies for detecting Brucella in the soil. O. A. Ignatyeva. Uch. zap. KVI 90 133-136 '61.

SOILS—NITROGEN CONTENT

- (see also subdivision under: Russia, Northern; Tajikistan)

- Dissociation of absorbed cations; dissociation of absorbed nitrogen. D. S. Orlov, A. A. Zubnidi. Vest. Mosk. un. Ser. 6. Biol., pechv. 21 no. 1 113-120 Jan-F '66.

- Moscow. Pochvennyi institut imeni V. V. Dokuchaeva. [Nitrogen balance in turf-Podzolic soils] Balans azota v drevno-podzolistykh pochvakh. Moskva, Nauka, 1966. 221 p.

- Yield of winter rye as related to the intensity of nitrification and nitrogen and potassium ratio in peat-bog soils. V. F. Rusetskii. Vest. AN BSSR, Ser. sel'skosp. nav. no. 1 50-54 '66.

SOILS—PHOSPHORUS CONTENT

- (see also subdivision under: Moldavia)

- Machigin's photometric determination of mobile phosphorus in carbonate-rich soils using hydrazine sulfate. V. P. Matusevskii. Agrokhimia no. 4 135-139 Ap '66.

SOILS—POTASSIUM CONTENT

- Yield of winter rye as related to the intensity of nitrification and nitrogen and potassium ratio in peat-bog soils. V. F. Rusetskii. Vest. AN BSSR, Ser. sel'skosp. nav. no. 1 50-54 '66.

SOILS—TRACE ELEMENT CONTENT

- Trace element content of sands in the lower Volga Valley. A. A. Vakulin, V. F. Moklenko. Pochvovedenie no. 4 66-75 Ap '66.

- Trace element content of soil and needles of main pine forest types in the southern taiga. A. A. Orlov, L. P. Orlova. Agrokhimia no. 4 86-97 Ap '66.

SOILS—ZINC CONTENT see subdivision under Chu Valley

SOILS, RED see Red soils

SOILS, SALTS IN

- Effect of soil salinity on the mineral composition of plants. Z. Kh. Sabitova. Uzb. biol. bul. 10 no. 1 27-30 '66.

SOILS AND CLIMATE

- Change in the humus composition of chestnut soils as related to climatic conditions. P. E. Golov'ev, R. N. Titina-Zelinskaya. Nauch. dokl. vys. shkoly, biol. nauki no. 2 206-209 '66.

SOKOL (VOLOGDA PROVINCE)—PAPER INDUSTRY

- Wrapping paper mill in the Sokol Combine. V. N. Malutin. Bum. prom. no. 4 10-12 Ap '66.

SOKOLOV, EVGENII VLADIMIROVICH, 1906-

- On the 60th birthday of E. V. Sokolov. Avtom. svai. 19 no. 1 80 Mar '66.

SOLAR FLARES

- Relationship between proton flares and the corona during the eleven-year cycle. M. N. Gnevyshev, L. Krivsky. Astron. zhur. 43 no. 2 285-289 Mar-Apr '65.

SOLAR PLEXUS—SURGERY

- Effect of extirpation of solar plexus ganglia on the copper and manganese content in the blood. L. I. Khananov, Z. V. Karpluk. Ukr. biokhim. zhur. 38 no. 2 132-135 '66.

SOLAR RADIATION

- (see also subdivision under: Tashkent)
- Balloon studies of radiation fluxes in the free atmosphere. A. A. Konrat'ev, O. A. Nikol'skii, F. N. Tsipova. Izv. AN SSSR Fiz. atm. i okeana 2 no. 4 380-393 Ap '66.
- Distribution of solar tropospheric disturbances on the earth's surface. V. V. Kubyshkin. Astron. zhur. 43 no. 2 374-384 Mar-Apr '66.

- Duration of the sunshine and insolation on the bottom of differently oriented valleys. G. I. Nikolaenko. Vest. LGU 18 no. 24 62-69 '63.

- Influence of solar activity on the troposphere in terrestrial polar cap regions. E. R. Muustel'. Astron. zhur. 43 no. 2 365-373 Mar-Apr '66.

- Radiation heat exchange in developing cloudiness. L. V. Petrova, D. M. Feigelson. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 4 340-356 Ap '66.

- Three-dimensional structure of the long-wave radiation field of the earth. M. S. Malkovich. Izv. AN SSSR, Fiz. atm. i okeana 2 no. 4 367-379 Apr '66.

SOLAR RADIATION—EFFECT ON PLANTS see Plants, Effect of solar radiation on

SOLAR RADIATION—PHYSIOLOGICAL EFFECT

- (see also subdivision under: Alma-Ata Province)

- Effect of solar activity on the phagocytic properties of human neutrophils. R. M. Poniatova, S. K. Klueva. Nek. vop. khim. i kraev. pat. no. 4 51-52 '65.

- Effect of sun and temperature on the change in manganese content in various rat organs. L. S. Klemoshova. Uzb. biol. zhur. 10 no. 1 31-34 '66.

SOLASODINE

- New form of nightshade with a high solasodine content in the total of glycoalkaloids. I. I. Gerasimenko, V. I. Muravleva. Apt. delo 13 no. 6 62-65 N-D '64.

SOLDER AND SOLDERING

- Rapid method of analyzing solders. L. N. Luzina. Zav. lab. 31 no. 7 808 '65.
- Soldering of aluminum bronze. V. R. Bolko. Svar. proizv. no. 5 23-24 May '66.

SOLDIERS

- Let people live peacefully. IU. Frontakin. Sov. voen. 47 no. 17 16-8 S '65.

- Worthy heirs. A. Beloborodov. Voen. znan. 42 no. 5 4-5 May '66.

SOUND PROOFING

Practices in reducing noise by sound-absorbing facing
V. N. Mikhlin, Stroitel'stroy no. 1154-159 '66

SOUTH AFRICA, REPUBLIC OF—POLITICS AND GOVERNMENT

Certain methodological problems in the study of "small imperialism" in Africa. V. I. Shennik, Vest. I GU 21 no. 5 136-139 '66.

SOUTH AFRICA, REPUBLIC OF—RACE QUESTION

Apartheid is a crime against the Africans. IU. Vorobkova, Rad. travo 29 no. 1 83-86 Ap '66.

SOUTH AFRICA, REPUBLIC OF—RELATIONS (MILITARY) WITH WEST GERMANY

Visitors from the banks of the Rhine. B. Zakhrov, Az i Afr. seg. 9 no. 5 28 May '66

SOUTH AMERICA—GEOLOGY, STRUCTURAL

New data on the tectonic development of the Guyana Shield. S. E. Kolotukhina. Izv. AN SSSR Ser. geol. 31 no. 3 59-67 Mr '66.

SOUTH KAZAKHSTAN PROVINCE see Chirchikent Province

SOUTH KOREA see Korea, South

SOUTH SURIKHAN RESERVOIR—PARASITES—FISHES

New species of parasite Protozoa in fishes of South Surikhan Reservoir. B. Allamuratov. Urb. biol. zhur. 10 no. 1 53-60 '66

Study of monogenic trematodes of fishes in South Surikhan Reservoir. B. Allamuratov. Dop. AN URSSR no. 3 412-414 '66.

SOUTH SURIKHAN RESERVOIR—PROTOZOA

New species of parasite Protozoa in fishes of South Surikhan Reservoir. B. Allamuratov. Urb. biol. zhur. 10 no. 1 58-60 '66.

SOUTH ASIA—ART

Problems of art in the new states of Asia and Africa. B. Volkman, Iskusstvo 24 no. 3 60-65 '66.

SOUTH ASIA—ETHNOLOGY

Ethnic processes in the countries of southern and southern Asia. N. N. Chibrikov. Sov. etn. no. 2 50-58 Mr-Apr '66

SOUTHEAST ASIA TREATY ORGANIZATION

Khalosa, B. M. [SEATO, a weapon of aggression and colonialism] SEATO—orodica agressii i kolonializma. Moskva, Znamo, 1966. 36 p. (Novos v zhidai, nauke, tekhnike, VII Seria; Mezhdunarodnaia, no. 7)

SOVEREIGNTY, VIOLATION OF see subdivision under Vietnam, South

SOVETOV, VASILII NIKOLAEVICH, 1890-1955

V. N. Sovetov; an obituary. Vop. kur., fizioter., i lech. fiz. kult'. 31 no. 1, 94 '66.

SOVIET BLOC see Communist countries

SOVIET CENTRAL ASIA—ALGAE

Atmospheric nitrogen fixation by some species of blue-green algae, isolated from the blue fields of Central Asia. O. G. Vnukova. Urb. biol. zhur. 10 no. 1 52-55 '66.

SOVIET CENTRAL ASIA—ATMOSPHERIC PRESSURE

Forecasting the absolute topography for the 500 mb. layer over Central Asia. A. Agzarnov. Nauch. trudy TashGU no. 250. Fiz. nauk. no. 23 114-116 '64.

SOVIET CENTRAL ASIA—ATMOSPHERIC TEMPERATURE

Some statistical characteristics of cold waves in the free atmosphere over Central Asia. A. Agzarnov. Nauch. trudy TashGU no. 250. Fiz. nauk. no. 23 109-118 '64.

SOVIET CENTRAL ASIA—COAL

Characteristics of acids obtained by oxidation of coals of Central Asia by oxygen under pressure. Z. I. Pevzner and others. Dokl. AN Tadzh. SSR 9 no. 2 24-26 '66.

SOVIET CENTRAL ASIA—COTTON HANDLING

Traster delivery of cotton. A. M. Kadyrov. Zhel. dor. transp. 48 no. 4 77-78 Ap '66.

SOVIET CENTRAL ASIA—COTTON MANUFACTURE

More on the second textile base of the country. I. Iskanderov. Ekono. i zhizn' 8 no. 3 24-27 Mr '66.

SOVIET CENTRAL ASIA—ECONOMIC GEOGRAPHY

The system of economic-geographic regions of Central Asia. N. G. Tsapenko. Nauch. trudy TashGU no. 250. Geog. nauk. no. 31 3-20 '64.

SOVIET CENTRAL ASIA—ECONOMICS

Criteria for equalizing the levels of the development of the economic regions of the country. K. Popaduk. Nauch. dokl. vyz. shkoly, ekon. nauk. 9 no. 2 71-75 '66

SOVIET CENTRAL ASIA—FRONTS (METEOROLOGY)

Aeroclimatology of planetary upper front zones over Central Asia and Kazakhstan. A. D. Kulagin. Nauch. trudy TashGU no. 250. Fiz. nauk. no. 23 32-60 '64.

SOVIET CENTRAL ASIA—GALENA—ANALYSIS

Tactile composition of lead in the galenites of some deposits in Central Asia. A. V. Rabinovich, M. N. Golubchikina, T. M. Murtaeva. Geokhimiia no. 4 328-331 Ap '61

SOVIET CENTRAL ASIA—GEOCHEMISTRY

Geochemistry of thallium and molybdenum in the endogenic sulfide deposits of Central Asia. S. T. Rudakov and others. Geokhimiia no. 1 99-104 Ja '66

SOVIET CENTRAL ASIA—GLASS—ANALYSIS

Chemical types of medieval glasses of Central Asia. M. A. Bezborodov, A. A. Abdurazakov. Urb. khim. zhur. 9 no. 3 11-11 '65

SOVIET CENTRAL ASIA—GRAVITY PROSPECTING

Geological possibilities of the quantitative interpretation of the gravity field in the western part of Central Asia. N. G. Hekland. Fiz. geol. no. 15 157-162 '65

SOVIET CENTRAL ASIA—INTERCONNECTED ELECTRIC UTILITY SYSTEMS

Consolidated power system of Central Asia. Energetik 11 no. 4 31 Ap '66.

SOVIET CENTRAL ASIA—IRRIGATION—FINANCE

Control over the efficiency of expenditure for irrigation. A. Ulanov. Den. i kred. 24 no. 4 46-48 Ap '66.

SOVIET CENTRAL ASIA—JUNIPER

Embryological study of Central Asian Junipers (Juniperus spp.) E. S. Aleksandrovskii. Bot. zhur. 51 no. 3 436-440 Mr '66.

SOVIET CENTRAL ASIA—LADYBIRDS

Mechanism of isolation and its role in the ecology of two closely related species of the genus Chilocorus (Colopota, Carabellidae). V. A. Zaslavskii. Zool. zhur. 15 no. 2 203-212 '66.

SOVIET CENTRAL ASIA—LEAD ISOTOPES

Isotopic composition of lead in the galenites of some deposits in Central Asia. A. V. Rabinovich, M. N. Golubchikina, T. M. Murtaeva. Geokhimiia no. 4 325-331 Ap '61.

SOVIET CENTRAL ASIA—PARASITOLOGY—CONGRESSSES

31st Conference on the Natural Foci of Diseases and the Problems of Parasitology in Kazakhstan and the Republic of Central Asia. V. V. Kibakin, D. B. Kurbanova. Izv. AN Turk. SSR Ser. biol. nauk no. 1 95-96 '66.

SOVIET CENTRAL ASIA—PETROLEUM GEOLOGY

Tectonics of the Tpi-Hercynian Unit in Central Asia at the end of the Jurassic period. F. Kh. Bikenstov, I. N. Shetkova, N. I. Koshelev. Geol. not. i gaz. 10 no. 4 40-50 Ap '66.

SOVIET CENTRAL ASIA—PLANTS, PROTECTION OF—CONGRESSSES

Conference on the Protection and Quarantine of Agricultural Crops of the Republics of Central Asia and South Kazakhstan. A. O. Tashiev, S. N. Miantseva. Izv. AN Turk. SSR Ser. biol. nauk no. 1 94-95 '66.

SOVIET CENTRAL ASIA—POLYGONUM

Dynamics of the content of tannins and carbohydrates in the underground organs of knotted Polygonum corallinum. K. Khodzimatov. Rast. res. 2 no. 1 90-95 '66.

SOVIET CENTRAL ASIA—ROCK PRODUCTS—COSTS

Effect of the volume of production on the cost of the products of floodplain quarries of building materials. V. G. Kulagin. Stroitel. arkh. Uzb. 7 no. 2 16-18 F '66.

SOVIET CENTRAL ASIA—SAKSAUL

Development of black saksaui (Haloxylon aphyllum) (Minsk.) (Hjln) depending on the phytocenotic environment in the deserts of Central Asia. Z. Sh. Shamsuddinov. Bot. zhur. 51 no. 3 420-423 Mr '66.

SOVIET CENTRAL ASIA—SALINE AND ALKALI SOILS

Effect of salts on the shoot resistance of trees. L. F. Stupakova, L. B. Smolin, N. A. Popova. St. o. i. m. i. d. Uzb. 7 no. 4 49-51 Ap '66.

SOVIET CENTRAL ASIA—SHREWS

Review of shrews in southern Turkmenia and Tajikistan. I. I. Stogov, E. P. Bender. Zool. zhur. 45 no. 3 414-420 '66.

SOVIET CENTRAL ASIA—TEXTILE INDUSTRY

Ancient textiles of Central Asia. D. Lunin. Ekono. i zhizn' 8 no. 3 87 Mr '66.

SOVIET FAR EAST—ALLIED INTERVENTION, 1918-1920

Economic penetration of imperialist states into the Soviet Far East and their rivalry in this region, 1918-1919. M. I. Svetitskii. Uch. zap. MGPI no. 205 55-118 '64

SOVIET FAR EAST—AMUR CORK TREES—DISEASES AND PESTS

New data on Phellodendron amurense Rupr. pests. V. N. Liubinskii. Soob. DVFAN SSSR no. 23 107-110 '64.

SOVIET FAR EAST—ARCHAEOLOGICAL EXPEDITIONS

Palladi Kafarov's lost diaries; new historical materials on the archaeology of the Russian Far East. V. E. Larichev. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1 11-12 '66

SOVIET FAR EAST—BIOLOGICAL RESEARCH

Field work of the Laboratory of the Biological Soil Institute, Far East Branch of the Siberian Section of the Academy of Sciences of the U.S.S.R., in 1962. N. G. Vasiliev, L. A. Ilyev. Soob. DVFAN SSSR no. 23 141-143 '64.

SOVIET FAR EAST—BORDER PATROLS

In the borderline regions of our country, on Border Guard Day. N. Pavlov. Agitator 33 no. 8 27-28 Ap '66.

SOVIET FAR EAST—BOTANY

New species of Far Eastern plants. V. N. Voroshilov. Bull. Glav. bot. sadu no. 60 35-43 '66.

SOVIET FAR EAST—CEDAR

Change in the height growth of young Korean cedar after improvement cutting. N. A. Popov. Soob. DVFAN SSSR no. 23 97-99 '64.

Characteristics of the natural reproduction of cedar under the forest canopy. I. A. Flingina. Soob. DVFAN SSSR no. 23 91-92 '64.

SOVIET FAR EAST—CONSTRUCTION INDUSTRY

Give more attention to the construction projects of the Far East. I. Sidorov. Ekono. i zhizn'. 8 no. 5 21-24 My '66.

SOVIET FAR EAST—DESCRIPTION AND TRAVEL

Ushakov, E. K. [Beyond the night] Po tu storonu nochi. Moskva, Mysl', 1966. 311 p. illus. (Puteshestvia, priklucheniia, fantastika)

SOVIET FAR EAST—FISHERIES—MANAGEMENT

What worries the toilers of the sea. V. Polynin. Sov. profsoyuz 22 no. 7 9-11 Ap '66.

SOVIET FAR EAST—GEOLOGY, STRUCTURAL

Place and time of granitoid magmatic activity during the geomorphic development of the southern part of the Far East. I. A. Radkevich, M. V. Chebotarev, S. F. Usenko. Sov. geol. 9 no. 3 3-10 Mr '66.

SOVIET FAR EAST—GRAPES—DISEASES AND PESTS

Mycoflora and grape diseases in the Far East. A. A. Ablarutova. Soob. DVFAN SSSR no. 23 55-56 '64.

SOVIET FAR EAST—HISTORY

Wine memory of hearts. Georgii Khalil'skii. Sov. voln. 47 no. 16 2-4 Ag '65.

SOVIET FAR EAST—INSECTIVORA

Characteristics of the formation of ecological complexes of rodents and insectivores in natural foci of transmissible diseases in the forest steppes of the Far East. A. D. Gamaleev, A. P. Novik. Soob. DVFAN SSSR no. 23 125-130 '64.

SOVIET FAR EAST—INSURANCE, SOCIAL

Magadan, Kamchatka, Sakhalin. F. Arkhipova. Sots. obesp. 41 no. 3 18-20 Mr '66.

SOVIET FAR EAST—KNOTWEED

Knotted Polygonum divaricatum L. in the Far East Botanical Garden. P. V. Kuzina. Soob. DVFAN SSSR no. 23 63-66 '64.

SOVIET FAR EAST—PALEOBOTANY, STRATIGRAPHIC

Late Cretaceous flora of the Pacific Ocean coast of the U.S.S.R., characteristics of their composition and stratigraphic position. V. A. Vakhrameev. Izv. AN SSSR Ser. geol. 31 no. 3 76-87 Mr '66.

SOVIET FAR EAST—POTATOES—DISEASE AND PEST RESISTANCE

Parallelism of the resistance of potato to Eplachna, virginioetomaculata Motsch. and Leptodermis decemlineata Say. I. M. Gonturov. Soob. DVFAN SSSR no. 23 101-108 '64.

SPECTRUM, ULTRAVIOLET

- Light filters for the ultraviolet spectral region, made from thin films of alkali metals. G. A. Gurevich, V. M. Novikova. Dokl. AN Arm SSR. 12 no. 1:17-18 '66.
- Study of the ethylene oxidation products from ultraviolet absorption spectra. A. G. Sokolov, A. V. Sokolov, Zhur. prikl. khim. 38 no. 2:120-131 F '65.
- Ultraviolet absorption spectra of phenacetin, acetaminophen, and their derivatives. R. M. Panchuk, R. M. Panchuk. Izv. Akad. Nauk. 20 no. 2:18-21 '65.
- Ultraviolet luminescence of salts in the ultraviolet region of spectrum and its biological role. S. V. Konev, T. I. Lyakova, G. D. Nisenbaum. Biophysika. 11 no. 2:391-363 '66.

SPECTRUM ANALYSIS

- Behavior of the impurity line in relation to the solid-liquid diagram for some systems of oxides and salts. Part 2. I. A. Pralinskii, V. M. Akulovich, L. M. Dzatsel. Vestn. AN BSSR, Ser. khim. nav. no. 4:16-51 '65.
- Chemical-spectral analysis of yttrium and its oxides for the content of impurities. R. L. Shumakova, L. I. Kondratyeva, Sh. I. Pichukov. Zav. lab. 31 no. 5:557-559 '65.
- Conductance of solutions of chemical and spectroscopic laboratories of the Donetsk Basin. A. N. Tranchuk. Zav. lab. 31 no. 7:907-908 '65.
- Electrokinetic properties of manganese minerals as affected by illumination within the visible region of the spectrum. I. N. Plakvin, L. G. Mchellishvili, R. Sh. Shafrov. Dokl. AN SSSR. 167 no. 5:1100-1101 Ap '66.
- Interference filters for the microwave region of the spectrum. V. A. Balashukov, A. R. Shiganov. Zhur. prikl. spekt. 4 no. 3:213-221 M '66.
- Possibility of the simultaneous spectroscopic determination of hydrogen and oxygen in metals. S. B. Shubina, S. I. Kulina, L. A. Bazanova. Zav. lab. 31 no. 5:611 '65.
- Propagation of strong monochromatic radiation in media with various types of spectral line broadening. R. F. Belkova, E. E. Fiedlin. Izv. vuz. ucheb. zav. i instit. 8 no. 6:1089-1090 '65.
- Quantitative spectral determination of yttrium in rare-earth elements of the yttrium subgroup in ores and minerals. L. I. Karpukhina, L. A. Panchuk, S. V. Bol'shukova. Zav. lab. 32 no. 4:424-426 '66.
- Relationship between the supply of material from a sample into the discharge zone and the process of denitrification of alloys. I. A. Grikht, E. G. Galushko, S. P. Chernyshova. Zav. lab. 32 no. 1:428-431 '66.
- Some ways of raising the efficiency of automata for photographing the emission spectra of samples. I. N. Kuznetsov. Zav. lab. 32 no. 4:481-485 '66.
- Spectral analysis of electrolytes. A. M. Tokareva and others. Zav. lab. 31 no. 5:582-584 '65.
- Spectral analysis of metallurgical slag and agglomerate in the molten state. O. I. Nikitina, L. L. Gudyma, J. P. Kolomiets. Zav. lab. 32 no. 4:431-434 '66.
- Spectral method for determining impurities in silicon carbide. I. S. Vasilovskaya and others. Zav. lab. 31 no. 5:561-562 '65.
- Spectroscopic study of atomic excitation in a hollow cathode using a double anode, as dependent on the power supply. O. Sandukhov. Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2-3:13 Mr-Apr '66.
- Spectrum analysis of small quantities of ores and minerals. K. M. Egidzova, E. E. Fain, Izv. AN Kazakh SSR, Ser. geol. 23 no. 2:80-85 Mr-Apr '66.
- Use of spectrum analysis of effusion measurements of steam elasticity. V. G. Muradov, P. V. Gel'd. Zav. lab. 31 no. 7:820-823 '65.
- Use of the cone electrode for the spectral analysis of powder samples. S. P. Oleksenko, S. O. Kovn. Geol. zhur. 26 no. 1:108-110 '66.

SPECTRUM ANALYSIS—CONGRESSES

- Conference on spectrum analysis. N. A. Anyshkov. Zhur. prikl. spekt. 4 no. 3:287-288 Mr '66.
- Ural'skoe soveshchaniye po spektroskopii, 4th. Sverdlovsk, 1965. [Materials of the 4th Ural Conference on Spectroscopy] Materialy. Pod red. G. P. Skorninkova, A. D. Shavich, I. S. G. Bogomolova. [Moskva] Metallurgiya, 1965. 203 p.

SPECULATION see subdivision under Lithuania

SPEECH

- Relation between the motor theory and the general problem of speech recognition. V. I. Galinov, L. A. Chistovich. Akust. zhur. 11 no. 4:417-427 '65.

SPEEDOMETERS

- Determination of an optimal time interval in measuring angular velocity using a digital method. V. I. Zagrebnyi. Avtomatika 11 no. 2:72-75 '66.

SPENGLER, OSWALD, 1880-1936

- Markarian, E. S. [The concept of local civilizations; a critical study] O kontseptsii lokal'nykh tsivilizatsii; kriticheskiy ocherk. Erevan, Izd-vo Akad. nauk Arminskoi SSR, 1962. 177 p. (Protyv burzhuaznoi ideologii, no. 3)

SPERMATOGENESIS IN ANIMALS

- Frequency of X-ray induced chromosome breaks in various stages of spermatogenesis in *Drosophila melanogaster*. K. V. Vatti. Genetika no. 3:98-105 '66.

SPESINEV, NIKOLAI ALEKSANDROVICH, 1821-1882

- From the history of early Russian socialism; Dufashvili, P. Petashvskii and Spasimov. A. A. Gubanov, P. F. Nikandrov. Vest. LGU 21 no. 5:54-64 '66.

SPHAEROPSIS

- Etiology of apple leaf spot in Moldavia. Zh. G. Martalikh. Infek. zab. kul't. rast. Mold. no. 4:72-81 '63.

SPHALERITE

- Crystallochemical criteria of isomorphism in essentially covalent compounds as revealed by a study of sphalerite. F. F. Mintser. Geokhimiya no. 4:340-347 Ap '61.
- Effect of the increase of the parameter of the crystal lattice of sphalerite containing iron and its geochemical significance. R. O. Radkevich, A. I. Volkova. Geokhimiya no. 1:70-77 Ja '66.

SPHINGOSINE

- Sphingosine and its natural compounds. Part 5: Mechanism of the conversion of three-trans-1-hydroxy-2-benzamido-3-chloro-4-octadecene to erythro-3-O-benzoylsphingosine hydrochloride. A. I. Veinberg, L. A. Vukolova, G. I. Smokhvalov. Zhur. org. khim. 2 no. 3:337-340 F '66.

SPILITES see subdivision under Caucasus, Northern

SPILLWAYS

- Calculation of the carrying capacity of polygonal (n open) in form spillways with thin walls. P. M. Stepanov. Izv. vuz. ucheb. zav. i emerg. 9 no. 4:77-81 Ap '66.

SPINAL ANESTHESIA

- Activity of trimocaine and novocaine in cerebrospinal anesthesia. A. S. Kucheruk. Farm. i toks. 28 no. 2:100-103 Mr-Apr '65.

SPINAL CORD

- Effect of trimethin on the facilitation and inhibition of the spinal reflex during stimulation of the reticular formation of the brainstem. E. B. Arushanian, I. U. Belokobayev. Bul. eksp. biol. i med. 61 no. 2:54-59 F '66.
- Removal of two hourglass-type neurinomas of the spinal cord in a child. V. L. Bellov, Vop. neirokhir. 50 no. 1:17-48 Ja-F '66.

SPINAL NERVES see Nerves, Spinal

SPINE

- Goniometry as a method for determining functions of the spine. V. A. Karolin. Voen.-med. zhur. no. 1:63-67 Ap '66.

SPINE—SURGERY

- Remote results of surgical treatment of intraspinal vertebral tumors. K. I. Panchukov. Vop. neirokhir. no. 3:55-60 '65.

SPINE—TUMORS

- Syndrome of extramedullary spinal tumor in the clinical aspects of some diseases of the blood system. G. R. Khersonskii. Sov. med. 29 no. 4:30-43 Ap '66.

SPINNING MACHINERY—PARTS

- Use of nylon bands. I. A. M. Gammelman. Tekst. prom. 26 no. 4:39-40 Ap '66.

SPINNING MACHINERY—TESTING

- Application of radioisotopes in studying the regulation of fiber movement in the drafter. L. A. Kuligin. Tekst. prom. 26 no. 4:31-36 Ap '66.

SPINOR ANALYSIS

- Spinor representations of a rotation group on a sphere. S. S. Sannikov. Ukr. fiz. zhur. 11 no. 4:448-449 Ap '66.
- Statistical solutions to a nonlinear spinor equation. G. K. Chepurnykh. Vest. Mosk. un. Ser. 3: Fiz., astron. 21 no. 2:109-112 Mr-Apr '66.

SPIRO COMPOUNDS

- Synthesis of some new technical spiro-[2,3,6,7-dibenzo-4,1-cyclopentyl-6,8-dimethyl-bicyclo (3,3,0) octane], R. M. Lagidze, G. G. Samsonia. Trudy Inst. khim. AN Gruz SSR. 17:181-186 '61.

SPITSBERGEN—GLACIOLOGICAL RESEARCH

- Soviet glaciological research in Spitsbergen in 1965. E. M. Zinger, L. S. Troitskii. Izv. AN SSSR, Ser. geog. no. 2:144-145 Mr-Apr '66.

SPLEEN

- Depositing function of the spleen in nonmedullary hypothermia. V. A. Bernshtein. Bul. eksp. biol. i med. 61 no. 3:36-39 Mr '66.

SPLEEN—CALCIFICATION

- Case of disseminated parenchymatous calcification of the liver and spleen. R. A. Pereverzeva, I. M. Pyl'tso. Sov. med. 29 no. 1:113-114 Ap '65.

SPLEEN—SURGERY

- Changes in the antiparasitic activity of blood platelets following splenectomy. B. A. Kudryashov, V. E. Pasturova. Probl. gemat. i perel. krovi no. 7:18-21 '65.
- Thrombocytopathy following splenectomy in hemolytic anemia. E. V. Krasova, N. A. Mesnina, I. D. Polotarov. Probl. gemat. i perel. krovi no. 7:30-34 '65.

SPLEEN—TRANSPLANTATION

- Induction of histoinnate shock in the transplantation of heterologous cells of the spleen and bone marrow. A. S. Shevlev and others. Bul. eksp. biol. i med. 61 no. 2:68-71 F '65.

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPORES (BOTANY)

- Synzoospores in algae and their experimental development. Chlamydomonas glauca Pascher. N. P. Gorbunova. Bot. zhur. 51 no. 3:382-388 Mr '66.

SPORIDESMOLIDE

- Total synthesis of sporidesmols III and IV. I. U. A. Ovtchinnikov, A. A. Khushtik, M. M. Shemiakin. Zhur. ob. khim. 36 no. 4:620-627 Ap '66.

SPORTS

- Conducting the 3d All-Union Spartakiad of Rural Athletes. Teor. i prak. fiz. kul't. 29 no. 4:75 Ap '66.
- School of health, skill, and records. N. A. Alekseev, A. Dugach. Grazhd. av. 22 no. 4:14-15 Ap '65.

SPORTS—PHYSIOLOGICAL ASPECTS

- Body surface in weight lifters and wrestlers. T. A. Dzhilina. Teor. i prak. fiz. kul't. 29 no. 4:51-53 Ap '66.
- Characteristics of external breathing during static loads. M. M. Stepanenko. Teor. i prak. fiz. kul't. 29 no. 4:49-50 Ap '66.

SPORTS—PSYCHOLOGICAL ASPECTS

- Ability to differentiate time, space, and the degree of muscular tension. V. I. A. Men'shikov, L. L. Iskhakhanov. Teor. i prak. fiz. kul't. 29 no. 1:46-48 Ap '66.
- Effect of sports training on the ability to digest information in solving visual and motor problems. O. P. Frolov. Teor. i prak. fiz. kul't. 29 no. 4:11-13 Ap '66.

SPORTS CLOTHES

- Use characteristics of sports shoes. F. Parnenkov. Sov. torg. 39 no. 1:39 Ja '66.

SPORTS MEDICINE—CONGRESSES

- Conference on sports medicine. V. E. Vasil'eva. Teor. i prak. fiz. kul't. 29 no. 4:79-80 Ap '66.

SPRAY PAINTING, ELECTROSTATIC

- Studying the electrophysical properties of polyester lacquers. K. E. Garibian. Lakokras. mat. i kh. prim. no. 2:41-43 '66.
- Studying the physicochemical properties of condensation resin solutions sprayed in the electric field. V. A. Gubenski, Lakokras. mat. i kh. prim. no. 2:19-24 '66.

SPRAYING AND DUSTING EQUIPMENT

- For the coordination of work. S. Shoruda. Zashch. rast. 11 no. 2:32-33 '66.
- Machinery for the chemical protection of plants. I. F. Snegovskii. Trakt. i sel'khoz. mash. no. 4:14-16 Ap '66.
- Study of the air-liquid stream of the OVT-1 sprayer. N. Lepelkin. Zashch. rast. 11 no. 2:33-34 '66.

SPRAYING AND DUSTING IN AGRICULTURE

- (see also subdivision under Grodno Province; Moscow Province; Stupino District)
- Important section of work. D. Angel'ev, N. Trofimanko. Zashch. rast. 11 no. 2:1-2 '66.
- Mechanized detachment on a state farm. S. Kravets. Zashch. rast. 11 no. 2:14-15 '66.
- To improve the system of plant protection. V. Sadkovskii. Zashch. rast. 11 no. 2:17-18 '66.

SPRINGS (MECHANISM)

- Internal dispersion of energy in helical springs. P. M. Alabushchev, V. V. Bondarev, A. M. Trus'. Fiz. i tekhn. prob. razrab. pol. iskop. no. 1:121-124 '66.
- New method for manufacturing large helical compression springs. E. I. Naizanov. Vest. mashinost. 46 no. 4:44-46 Ap '66.

STEAM POWER PLANTS

Concerning S.V. Polozhina's article "Steam power systems with subatmospheric pressure" in *Aviatsiya*, G.I. Khodolovskii, *Izv. vuzov, mashinostroyeniye*, 9 no. 1131-132 Ap '66.

STEAM POWER PLANTS—FUEL SUPPLY

Assembly of the No. 2 fuel handling installation at the Dnepropetrovsk State Regional Electric Power Station M.V. Stetsko, I.G. Khilchenko, *Energetika* no. 16 11-17 '61

STEAM TURBINES

Dimensionless characteristics of steam-turbine ejectors made by the Kaluga Turbine Plant (I.G. Shklovskiy, A.Z. Rosinskiy, A.V. Gerasimov, *Teploenergetika* 13 no. 3 12-18 Mi '66).

The effect of a moisture trap device placed in front of the runner on the efficiency coefficient of a turbine stage, R.M. Ablovskiy, I.E. Muravovich, I.I. Al'tshuler, *Teploenergetika* 13 no. 3 19-45 Mi '66

Effect of the fluctuations of heat supply loads on the operation of central heating turbines, S.I. Boitskiy, G.B. Levonit', L.S. Khilov, *Teploenergetika* 13 no. 4 48-53 Ap '66.

Effect of the radial resistance gradient on the distribution of losses in a turbine stage, M.E. Levina, V.K. Grebnev, M.V. Zaitsev, *Teploenergetika* 13 no. 4 34-38 Ap '66.

Generalized results of the tests of active pressure stages with D/10 in the Kaluga Turbine Plant, V.N. Sazonovskiy, A.V. Shkolevskiy, V.I. Khilchenko, *Teploenergetika* 13 no. 4 20-33 Ap '66.

Improvement of the steam turbine drive of blast furnace air blowers, I.N. Goshal, A.V. Levin, L.I. A. Shern, *Proizv. energ.* 21 no. 4 43-50 Ap '66

Power regulation of blocks by sliding initial steam pressure, V.I. Ginzburg, E.G. Shklovskiy, *Teploenergetika* 13 no. 3 24-29 Mi '66

Results of start and adjustment operations in a 300 Mw. block, V.P. Markin, S.P. Rukhovich, G.G. Iakovlev, *Elek. sta.* 36 no. 7 7-15 Ji '65.

Setting up the equations of the motion of the elements in turbine regulation, A.M. Goshalov, *Teploenergetika* 13 no. 3 11-37 Mi '66.

Start of a cold 300 Mw. block, I.U. G. Vozdarskiy and others, *Elek. sta.* 36 no. 7 2-7 Ji '66.

Study of catching in turbine glands, V.G. Orlik, *Elek. sta.* 37 no. 2 34-37 F '66.

Study of the effect of steam humidity in turbine stages with cylindrical blades, M.E. Dolch, G.A. Filippov, V.V. Prilukhin, *Teploenergetika* 13 no. 4 38-43 Ap '66.

Study of the uneven heating of the shutoff valve during the start of the T-100-130 turbine, M.A. Trubnikov, S.A. Prokhorov, *Teploenergetika* 13 no. 4 25-29 Ap '66.

Testing an industrial low-pressure water jet ejector, G.I. Khodolovskiy, *Elek. sta.* 37 no. 2 24-26 Ji '66.

STEAM TURBINES—BLADES

High-chromium steel for cast blades, M.F. Shashonov, M.F. Vorokhova, *Teploenergetika* 13 no. 4 22-25 Ap '66.

STEAM TURBINES—DESIGN AND CONSTRUCTION

Certain special features in the installation and starting of P-50-130 turbines and TVI-60-2 generators, A.S. Khufekel', M.Z. I. Benishstein, *Energ. stroit.* no. 16: 22-26 '64.

STEAM TURBINES—SAFETY APPLIANCES

Working of safety regulators of steam turbines, G.A. Mentalev, *Elek. sta.* 37 no. 2 70-80 F '66.

STEAM TURBINES, MARINE

Performance of the main gear turbine without a speed governor under conditions of pitching, L.I. Isakov, *Trudy TSNIIMF* no. 71 57-59 '66.

Synchronization, V.F. [Automatic control of marine steam turbines] *Avtomaticheskoe regulirovaniye sudovyykh paroturbinnyykh ustanovok* Leningrad, Sudoslovochno, 1965, 209 p.

STEAMPIPES

Conference on the introduction of finned pipes in boilers, I.A. Zemlinskii, *Elek. sta.* 37 no. 2 95-96 F '66.

Damages of the water walls of TP-87 boilers, A.A. Boliav, *Teploenergetika* 13 no. 4 73 Ap '66.

Effect of specific factors on the properties of EP-104 steel steam pipes, A.A. Shevchenko and others, *Teploenergetika* 13 no. 3 35 Mi '66.

Effect of the diameter of a channel on critical heat currents, M.E. Shitsman, *Teploenergetika* 13 no. 4: 70-72 Ap '66.

STEAMPIPES—RELIABILITY

Reliability of austenitic steels used in power systems with steam parameters of 650°C and 315 atm. pressure, V.F. Ziepkov, T.A. Shustova, *Teploenergetika* 13 no. 4 10-13 Ap '66.

STEAMPIPES—WELDING

(see also subdivision under Japan)

Nature of the weakening of the welded joints of thick-walled steampipes from 12KhMF steel, R.E. Mazel', *Teploenergetika* 13 no. 4 17-22 Ap '66.

Role of the thermal cycle in the formation of weld zone cracking in welding austenitic steel steampipes, A.V. Ratner, T.G. Berezhina, *Teploenergetika* 13 no. 4 14-17 Ap '66.

STEARIC ACID

Aminophenylethylene glycol esters of stearic acid, V.I. Luzan, K.A. Korovin, *Ukhi. khim. zhur.* 32 no. 3 272-273 '66.

STEEL

(see also subdivision under Kazakhstan)

Constitute in the transition layer of a steel-bronze bimetal, V.S. Popov and others, *Metalloved. i term. obr. met.* no. 6 50-52 Je '65.

STEEL—ANALYSIS

Arsenic distribution in carbon steel in the critical temperature range, V.N. Sveshnikov, S.S. Golubev, V.P. Shkharin, *Izv. vuzov, mashinostroyeniye*, *chem. met.* 0 no. 4 119-123 '66.

STEEL—BRITTLENESS

Criteria of the cold-brittleness of steel in impact testing E.S. Nosyova, K.V. Popov, *Zav. lab.* 31 no. 5 598-602 '65.

Methods for determining the effect of the tendency of steel toward mechanical aging on its fragility and cold-brittleness, V.T. Borisov, *Zav. lab.* 31 no. 5 597-598 '65.

Methods for determining the tendency toward cold-brittleness in structural steel, V.A. Baidin, P.I. Sokolovskiy, I.L.G. Aronov, *Zav. lab.* 31 no. 5 593-595 '65.

STEEL—CORROSION

Anticorrosive protection of gasholders in carbon disulfide manufacture, F.L. Al'ter-Pesotskiy, V.A. Arkhangelskiy, *Khim. volok.* no. 2 65-66 '66.

Effect of friction on the steel potential in solutions with various pH values, R.A. Machevskaya, A.V. Tarkovskaya, *Zhur. prikl. khim.* 38 no. 2 335-341 F '65.

Methods for studying the effect of stresses on the gas corrosion of steel, I.U. I. Arshakov, B.S. Golubovskiy, V.I. Il'ichev, *Zav. lab.* 31 no. 7 873-875 '65.

Use of a compensator for measuring small EMF in corrosion tests, R.R. Larionova and others, *Neft. khoz.* 13 no. 7 63-66 Ji '65.

STEEL—ELECTRIC PROPERTIES

Change in the characteristics of electrical steel as a result of brass lining, M.L. Zaslavskiy, *Elektrotehnika* 37 no. 4 37-40 Ap '66.

STEEL—ELECTROMETALLURGY

New developments in research, P.F. Parasjuk, *Stal'* 26 no. 4 328 Ap '66.

New developments in research, P.F. Parasjuk, *Stal'* 26 no. 4 371 Ap '66.

Quality of large forged pieces of 36KhNMFAR electric slag refined rotor steel, L.I. Faibisovich and others, *Met. i gornod. prom.* no. 2 35-39 Mr-Apr '66

STEEL—FATIGUE

Causes stopping the propagation of a fatigue crack, I.V. Kudlayev, *Zav. lab.* 31 no. 7 851-858 '65.

Method for exposing slip bands in fatigue testing of steel samples, A.V. Gurev, G.U. Stokharov, *Zav. lab.* 32 no. 4 466-469 '66.

Method of continuous recording of variations in the electromagnetic properties of steel in fatigue tests, M.M. Svirshchevskaya, P.P. Galenko, I. B. Klibanskii, *Zav. lab.* 32 no. 4 460-470 '66.

Reproduction of transverse fatigue fractures in rails, R.S. Nikolaev, V.A. Kislik, A.I. Karmazin, *Zav. lab.* 32 no. 4 501-502 '66.

STEEL—FRACTURE

Effect of the thickness of a specimen on the location of the zone of brittle fracture, G.A. Stepanov, A.P. Mikhailova, *Zav. lab.* 31 no. 5 606-608 '65.

Method for studying the resistance to brittle fracture in steel under loads with different reserves of elastic energy, P.P. Borisov, M.P. Anuchin, *Zav. lab.* 31 no. 5 603-606 '65.

STEEL—HARDENING

Aging of the martensite in Fe-Ni-Mn steel, V.M. Kardonskiy, M.D. Perkas, *Metalloved. i term. obr. met.* no. 4 7-10 Ap '66.

Connection between hardening and change in the phase constitution of high-strength, precipitation hardened nonmagnetic steel, M.V. P. Idanayev, F.L. Levin, *Izv. AN SSSR, Met.* no. 2 102-106 Mr-Apr '66.

Hardening motor vehicle springs by the strained aging method, M.A. Kotkis, *Avi. prom.* 32 no. 3 36-38 Mr '66.

Hardening of oil pipe and turbodrill casings and shafts during induction heating, N.V. Zimin, V.G. Shevchenko, *Metalloved. i term. obr. met.* no. 6 11-15 Je '65.

Hardening of steel under the action of lasers, L.I. Mirkin, N.F. Filipetskiy, *Metalloved. i term. obr. met.* no. 4 70-72 Ap '66.

High-temperature thermomechanical treatment of carbon steel, V.A. Zaimovskiy, M.L. Benishstein, *Izv. AN SSSR, Met.* no. 2 81-88 Mr-Apr '66.

Increasing the output of heating furnaces with sliding hearths, P.F. Parasjuk, *Metalloved. i term. obr. met.* no. 4 74-78 Ap '66.

Stepped hardening of guiding prisms of electric-pulse machines, I.Kh. Antish, A.B. Sinakombin, *Blud. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 19 no. 3 45 Mi '66.

Study of steels with a tendency to secondary hardening and hardened by thermomechanical treatment, A.P. Bashchenko and others, *Metalloved. i term. obr. met.* no. 4 19-21 Ap '65.

Thermal treatment of camshafts in bulk, I.Sh. Svet and others, *Metalloved. i term. obr. met.* no. 6 52-54 Je '65.

Thermomechanical surface treatment (exemplified by the 40Kh steel), V.F. Slutskiy, *Fiz. khim. mek. mat.* 2 no. 1 111-118 '66.

Water and air cooling during hardening, D.V. Budrin, V.M. Kondratov, *Metalloved. i term. obr. met.* no. 6 22-25 Je '65.

STEEL—HEAT TREATMENT

Anisotropy of zirconium steel properties depending on its heat treatment, V.S. Kovalenko, *Met. i gornod. prom.* no. 2 32-35 Mr-Apr '66.

Automatic heat treatment line in the production of fitting and assembling tools, E.N. Aksenov, *Blud. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 19 no. 2 31-32 P '66.

Calculating the time of heating and cooling of steel parts in thermal treatment, N.I. Kobakov, *Metalloved. i term. obr. met.* no. 6 26-30 Je '65.

Carbide network in ball-bearing steel and measures for its prevention, A.I. Komissarov, V.A. Khodorov, A.A. Khudimov, *Stal'* 26 no. 4 339-360 Ap '66.

Defectoscope to control the heat treatment of ferro-magnetic materials by the method of higher eddy current harmonics, R.E. Ershov, *Defektoskopiya* 2 no. 1 78-82 '66.

Distortions of the shape of steel gear wheels caused by heat treatment, E.P. Parasjuk, V.L. Gorbenko, *Vest. KhPI* no. 1 198-202 '65.

Effect of thermal treating conditions on the plasticity of Sv.08GS steel, E.T. Kondratov, M.G. Platigorskii, *Metalloved. i term. obr. met.* no. 6 54 Je '65.

Influence of quenching on the mechanical properties and fine structure of hardened and deformed steels, S.Sh. Shamiev, *Metalloved. i term. obr. met.* no. 4 15-18 Ap '66.

Kalein, I.U.M., and L.V. Kudlayeva, [Thermal treatment of heavily loaded gear wheels] *Termicheskaia obrabotka tiazhelonagruzhennykh zubchatykh kolez.* Moskva, Mashinostroyeniye, 1966, 94 p.

Kinetics of austenite grain growth during isothermal induction heating, K.Z. Shipilovskiy, V.D. Zelenova, V.D. Ostrovskiy, *Metalloved. i term. obr. met.* no. 6 16-20 Je '65.

Mechanism of the formation of the Me₂₃C₆ carbide during the tempering of molybdenum steel, V.I. Pevnev, *Fiz. met. i metalloved.* 21 no. 3 458-472 Mr '66.

Quick method for determining the tendency of steels toward aging, V.M. Zhuravovskiy, *Zav. lab.* 31 no. 6 736-738 '65.

Thermal treatment and the mechanical properties of reinforcing steel, L.E. Epstein, *Metalloved. i term. obr. met.* no. 6 30-35 Je '65.

Thermomechanical treatment of boring tools, L.P. Karpov, *Metalloved. i term. obr. met.* no. 4 69-70 Ap '66.

Variations in Young's modulus in the annealing of patented steels, A.O. Briukhanov, *Ukhi. khim. zhur.* 11 no. 3 321-325 Mi '66.

Wire patenting in a fluidized bed, V.I. Zubov and others, *Izv. AN SSSR, Met.* no. 2 76-84 Mr-Apr '66.

X-ray K-spectra of iron absorption in the carbide of carbon steel tempered at various temperatures and lengths of holding time, M.P. Arbuzov and others, *Fiz. met. i metalloved.* 21 no. 3 464-468 Mr '66.

STEEL—HYDROGEN CONTENT

Apparatus for studying the hydrogen penetrability of steel sheets, V.G. Moroz, P.N. Zelenov, *Zav. lab.* 31 no. 7 899-900 '65.

Effect of coumarin, ninyhydrin, and isatin derivatives on the process of hydrogen absorption by steel, S.M. Beloglazov, *Zhur. prikl. khim.* 39 no. 3 595-603 Mr '66.

STEEL—INCLUSIONS

Distribution of nonmetallic inclusions and gases in centrifugally cast hollow and large-diameter pipe blanks of Kh18Ni9Ti and Kh18Ni2Ti steel, N.V. Rulla and others, *Proizv. trub* no. 15 62-66 '65.

Nonmetallic inclusions and processes of their removal from liquid steel, K.K. Prokhorov, N.A. Iechuk, V.V. Chetburko, *Vop. proizv. stal'* no. 10 165-178 '65.

STEEL INGOTS—DEFECTS

Eliminating cracks on large ingots of Kh7Ni3M2T-3T steel. E. I. Moshkevich, G. L. Elinson, A. V. Gubenko. Metallurg 11 no. 4:18-19 Ap '66.

Studying surface defects of stainless steel ingots. K. N. Kenonov. Stal' 26 no. 1:351-355 Ap '66.

STEEL INGOTS—TESTING

Quality of slabs in the rapid steel pouring of rimmed steel. V. G. Strakhov and others. Met. i gornorud. prom. no. 2:86 Mr-Apr '66.

STEEL PIPE see Pipe, Steel

STEERING GEAR

Auxiliary steering devices with Voith-Schneider propellers. Sudostroenie 30 no. 6:73-74 Je '64.

Volumetric efficiency coefficient of the hydraulic blade-type rudder drive. V. V. Zavisha. Sud.stil'st. no. 3: 11-19 '64.

STEERING GEAR—ELECTRIC DRIVING

Characteristics of the throttle control of an asynchronous electric motor in electric servo-assisted drive of the rudder. A. M. Babnev, G. T. Kulapin. Sudostroenie 30 no. 6:28-31 Je '64.

Some problems in calculating the system consisting of the generator and the engine with a double-winding generator for the electric drive of the rudder. A. M. Babnev. Sud.stil'st. no. 3:48-57 '64.

STELLARIA see subdivision under Gorgany Mountains

STEREOCHEMISTRY

Gas chromatography of molecules of various spatial structures on graphitized carbon black. A. V. Kiselev, I. A. Iashin. Zhur. fiz. khim. 40 no. 2:420-433 F '66.

Stereochemistry of cyclic compounds. Report No. 64. Stereochemistry of oxidation and bromination of 4,7-dimethyl-2-cyclohexene-1,2-dicarboxylic acid and its anhydride. V. F. Kuchinov, A. L. Shabanov, A. S. Ostalchenko. Izv. AN SSSR Ser. khim. no. 1:689-695 '66.

Stereochemistry of trivalent antimony compounds. T. N. Polynova, M. A. Porai-Koshits. Zhur. strukt. khim. 7 no. 1:146-168 Ja-F '68.

3,6-Endoxycyclohexanes and -cyclohexones. Part 32: Stereochemistry of nitrosorhalization in the series of 7-oxabicyclo[2,2,1]heptene. N. S. Zolotov and others. Zhur. ob. khim. 36 no. 4:614-620 Ap '66.

STEREOPHONIC SOUND SYSTEMS

High-quality stereophonic system. G. Karasev. Radio no. 3:30-33 Mr '66.

Speed rate of the apparent sound source in stereophonic transmission. P. G. Tager. Tekh. kino i fotoz. no. 4: 37-38 Ap '66.

STERILITY

Study of protein fractions in the blood serum in healthy and sterile women with normal and disturbed menstruation cycle. V. I. Bablida. Soob. AN Gruz. SSR 41 no. 3:581-586 Mr '66.

STERILITY IN ANIMALS

Biopsy of the endometrium in the diagnosis of sterility in cows. G. A. Kononov. Veterinarlia 12 no. 3:91-93 Mr '66.

Histochemical analysis of the follicular apparatus of the ovary in cattle under normal and some pathological conditions. G. B. Evranova. Uch. zap. KVI 63:223-228 '64.

More attention should be paid to livestock reproduction. Veterinarlia 42 no. 3:1-3 Mr '66.

Prevention of animal sterility as the most important measure for increasing milk and meat production. V. S. Shilplov, A. A. Gusev. Veterinarlia 42 no. 3:83-85 Mr '66.

Results of the control of sterility in cows and heifers. A. S. Nikolov, V. Gerasimov, A. Zvyshayev. Veterinarlia 42 no. 3:80-89 Mr '66.

Use of gonadostimulin in the complex of measures for controlling the sterility in farm animals. A. I. Puchkovskii. Uch. zap. KVI 63:207-210 '64.

STEROID HYDROXYLASE

Production of an acellular preparation of steroid-16 α -hydroxylase from Actinomyces roseochromogenes ATSS 3347. E. A. Elin, Leonid M. Kogan. Dokl. AN SSSR 167 no. 5:1175-1176 Ap '66.

STERIODS

Substrate specificity of microbiological transformations of steroids by Actinomyces albus ATCC 3000. Leonid M. Kogan and others. Khim. prirod. soed. no. 2:100-107 '66.

STIDNIC ACID

Detection of magnesium ions by means of p-nitrophenylstidnic acid. S. G. Pilgin. Zhur. anal. khim. 21 no. 3: 373-374 '68.

STOCHASTIC PROCESSES

Application of statistical decision theory to an extrapolation problem. V. S. Gubenko. Izv. AN SSSR. Tekh. kib. no. 3:21-23 My-Je '65.

Instrumental determination of the laws of distribution of the overshoots of random processes according to duration. G. I. Mirskii. Radioelekhnika 21 no. 4:68-75 Ap '66.

Methods for the simulation of continuous stochastic variables from variables of uniform distribution. I. V. Romanovskii. Metod. vych. no. 3:113-121 '66.

Methods of stochastic approximation. N. V. Logunov. Avtom. telemek. no. 1:185-201 '66.

Modeling of stochastic differential equations connected with problems of "disharmony" using an analog computer. M. L. Dashkevskii, R. Sh. Lipsteyn. Avtom. telemek. no. 4:112-150 '66.

Number of intersections of a level by a Gaussian stochastic process. Part 1. I. U. B. Beliaev. Teor. veroiat. i ee prim. 11 no. 1:120-128 '66.

Optimizing control of a flotation process. K. V. Toming. Avtom. telemek. no. 3:34-39 '66.

STOCK AND STOCKBREEDING

(see also subdivision under Pavlodar Province)

Burlakov, N. M. [Intensification of animal husbandry] Intensifikatsiya skotovodstva. Moskva, Znanie, 1960, 31 p. (Novosibirsk, nauka, tekhnika. V Seria Sel'skoe khoz. i zhizn. nauk, no. 8)

Improve wages in the branches of livestock farming. V. Rozulov. Ekono. soob. 41 no. 1:78-85 Ap '66.

More attention should be paid to livestock reproduction. Veterinarlia 42 no. 3:1-3 Mr '66.

STOCK AND STOCKBREEDING—EQUIPMENT AND SUPPLIES

Complex of machines for the mechanization of labor in animal husbandry. V. E. Znahtsain and others. Trakt. i sel'khoz. mash. no. 4:21-26 Ap '66.

STOCK AND STOCKBREEDING—MANAGEMENT see subdivision under United States

STOMACH

Electric reactions of the mucosa of Pavlov pouch and skin in the digestive process in dogs. A. K. Polshin. Izv. Fiziol. zhur. [Ukr.] 10 no. 6:764-770 N-D '64.

STOMACH—CANCER

Detection of gastric cancer in former patients of the "Kraduka" Health Resort. P. P. Smolev. Sov. med. 20 no. 3:76-77 Mr '66.

Diagnosis of cancer of the stomach. A. N. Shabanov, L. S. Boguslavskii. Sov. med. 29 no. 4:71-73 Ap '66.

Late results of operative treatment of stomach cancer. G. L. Takach. Vop. onk. 10 no. 11:111-116 '64.

Methodology for studying the structure of the gastric wall in cancer. M. Z. Sigal, S. M. Perlin. Vop. onk. 12 no. 1:3-8 '64.

STOMACH—DISEASES

Acute atonia of the stomach and the urinary bladder in a diabetic coma. V. D. Sokolovskii, N. G. Pollakov, A. G. Nazarevich. Probl. endok. i gorm. 12 no. 2:57-58 Mr-Apr '66.

Diagnosis of gastric changes in some systemic blood diseases. M. A. Guzevich, S. I. Krav. Vop. onk. 12 no. 4:40-46 '66.

STOMACH—INFLAMMATION

Changes in cellular infiltration of the mucous membrane of the stomach in chronic gastritis according to gastropathic materials. V. Salupere. Arkh. pat. 28 no. 2:38-43 '66.

Rate of portal blood flow in acute and chronic injuries of the gastrointestinal tract. Sh. I. Guseynashvili, G. M. Melodnashvili. Soob. AN Gruz. SSR 41 no. 3:485-491 F '66.

STOMACH—INNERVATION

Characteristics of conditioned secretory reflexes of the stomach based on extero- and interoceptive reinforcement. L. G. Melnikova. Dokl. AN SSSR 10 no. 3:213-216 Mr '66.

STOMACH—MICROBIOLOGY

Some properties of the autointerfering virus isolated from the stomach content of people with epidemic hepatitis. D. Kh. Fomin. Vop. vius. 11 no. 1:13-17 Ja-F '66.

STOMACH—MOTILITY

Effect of some dairy products on the motor function of the stomach. L. S. Mospanov. Vop. pit. 25 no. 1:76-79 Ja-F '66.

STOMACH—SECRETIONS

Changes in gastric secretion and its effect on some complications following gastrectomy. N. G. Dolidze. Soob. AN Gruz. SSR 41 no. 3:739-745 Mr '66.

Changes in the enzymatic adaptations of the gastric glands during the action of products of protein hydrolysis on the mucosa of the small intestine. B. I. Sabat. Biol. eksp. biol. i med. 61 no. 2:17-21 F '66.

Influence of the regulation of gastric secretory activity following blood loss by animals suffering from acute radiation sickness of medium severity. M. G. Milpaelim. Radiobiologiya 6 no. 2:10-213 '66.

Effect of medicinal preparations of Polygonum on the activity of the gastrointestinal tract. L. F. Akhukhova. Trudy AZVI 13:171-173 '64.

Effect of mineralocorticoids on the motor and secretory function of the stomach. S. G. Vainshtein. Pat. izloz. i eksp. teap. 10 no. 1:79-82 Ja-F '66.

Effect of para-aminosalicylic acid on the secretory function of the stomach under experimental conditions and in patients with pulmonary tuberculosis. I. G. Prishchenko. Sov. med. 29 no. 4:130-131 Ap '66.

Effect of the active acidity (pH) of the gastric contents on the secretory function of the stomach. M. F. Rumyantsev. Vop. pit. 23 no. 1:61-67 My-Je '64.

Methodology of simultaneous recording of the motor and secretory components of alimentary conditioned responses in puppies. V. V. Sirota, L. D. Tikhonova. Fiziol. zhur. [Ukr.] 10 no. 6:821-823 N-D '64.

STOMACH—SURGERY

Changes in gastric secretion and its effect on some complications following gastrectomy. N. G. Dolidze. Soob. AN Gruz. SSR 41 no. 3:739-745 Mr '66.

Clinical experimental characteristics of esophagitis following gastrectomy and resection of the cardia. R. V. Bogoslavskii, A. N. Burtsev, I. M. Belousov. Grud. khir. 8 no. 1:92-96 Ja-F '66.

Dysphagia stimulating recurrence of cancer of the cardia. L. A. Frankfur. Vop. onk. 12 no. 4:91-95 '66.

Electrophoretic and immunoelectrophoretic study of the protein composition of the intestinal juice in dogs following resection of the stomach. A. S. Pushkarov, A. V. Maslennikov. Biol. eksp. biol. i med. 61 no. 3:39-13 '66.

Glycemic curves and vitamin C content in the blood of patients following partial gastrectomy. P. N. Savina. Vop. pit. 25 no. 2:81-83 Mr-Apr '66.

Late results of operative treatment of stomach cancer. G. L. Takach. Vop. onk. 10 no. 11:111-116 '64.

Late results of surgical treatment of gastric and duodenal ulcer based on the materials from some Volgograd hospitals. I. A. Novikova. Vop. travm. 2:207-212 '63.

Role of dietotherapy and Kuyal'nik No. 4 mineral water within the complex of sanatorial treatment of patients after stomach resection for peptic ulcers. M. A. Kleimenov. Vop. kurt. fizioter. i lech. fiz. kul't. 30 no. 2:158-164 Mr-Apr '65.

STOMACH—ULCERS

Hemopoietins and changes in the peripheral blood in gastric ulcers. Z. M. Chachava. Soob. AN Gruz. SSR 41 no. 2:497-501 F '66.

STOMATA

Election microscopic study of the stomata of lye (Succisa cecale L.) leaves. E. A. Miroslavov. Bot. zhur. 51 no. 3:446-449 Mi '66.

STOMATITIS

Diagnosis of atypical forms of stomatitis aphthosa. L. V. Laryov, M. M. Rudnev. Sov. med. 29 no. 4:107-108 Ap '66.

Isolation of vesicular stomatitis virus from a sick man. S. I. Gaidamovich, V. N. Uvarov, A. A. Alekseeva. Vop. vius. 11 no. 1:77-80 Ja-F '66.

STOMATOLOGY

Pekker, R. I. A. [Diseases of the teeth and oral cavity] Bolezni zubov i polosti. Moskva, Meditsina, 1966, 111 p. (DNLMI)

STOMATOLOGY—DICTIONARIES

[Dictionary of stomatological terms] Stomatologiya terminleri lugati. Baki, Azerneshr, 1965, 182 p. [In Russian and Azerbaijani]

STONE, CAST

Complex salts in the cement stone with chemical additions. Z. M. Lariocova and others. Izv. AN SSSR. Neorg. mat. 2 no. 3:550-567 Mr '66.

STONE CASTING

Heat exchange in molds, and its effect on the quality of silicone castings. I. I. Bykov, B. Kh. Khan. Lit. proz. no. 3:25-26 Mr '66.

Investigating the "Daubinskoye" deposit (tephrite-basalts) for stone casting. S. T. Suleimenov and others. Stek. i ker. 23 no. 4:23-26 Ap '66.

Measuring certain thermophysical characteristics of stone casting. I. E. Lipovskii and others. Zav. lab. 32 no. 4:455 '66.

STONE FRUIT—DISEASES AND PESTS see subdivision under Moldavia; Turkmenistan

STONE IMPLEMENTS see subdivision under Azerbaijan

STONY TUNGUSKA VALLEY see Rudkamennaya
Tunguska Valley

STOPING (ME.ENG)—EQUIPMENT AND SUPPLIES see
subdivision under Karaganda Basin

STOPING (ME.ENG)—TECHNOLOGICAL INNOVATIONS
see subdivision under Karaganda Basin

STOPPING POWER (NUCLEAR PHYSICS)

Penetration of high-energy neutrons through iron-water
mixtures. B. S. Sychev and others. Atom energ. 20
no. 4:321-327 Ap '66

STORAGE BATTERIES

Differential minimum-current relay. V. Presnov. Tekh.
izobreten., no. 8:43-45 S '65.

STORAGE BATTERIES—MAINTENANCE AND REPAIR

Charging of storage batteries with a variable polarity
current. M. N. Maslov. Vest. svyazi. 25 no. 2:12-15
I '66

STORES, RETAIL

Production base of a construction organization.
V. Bogdanov, A. Glusev. Sov. potreb. koop. 10 no. 4:
19-21 Ap '66.

STORES, RETAIL—DESIGN AND CONSTRUCTION see
subdivision under Lvov, Moscow

STRAIGHTENING MACHINES

Hydraulic press installation for the straightening of metal
structures. I. U. Karmatskiy, E. A. Korovin, A. L.
Atzenshok. Kizh.-shitam, protzv. 8 no. 3:33-35 Mr
'66.

STRAIN GAUGES

Making strain gauges. S. F. Baryshev, I. V. Mikhailov.
Defektoskopija. 2 no. 1:89-91 '66.

STRAINS AND STRESSES

Apparatus for the automatic recording of the "load-strain"
diagram in compression testing of rocks. V. S. Amshchikov,
V. E. Vigin, V. G. Egorov. Za. lab. 31 no. 5:
619-620 '65

Automatic IPI-451 polarimeter for the study of stresses
by photoelastic methods. V. M. Bakmutov and others.
Fiz.-tekh. probl. razrab. pot. iskop. no. 1:96-101 '65

Calculating the initial stresses in the breaker cord
threads of type "H" tires. V. L. Efderman and others.
Kavch. i rez. 21 no. 3:28-29 Mr '65

Calculation of working stresses during the extrusion of
hollow shapes through dies with a fixed mandrel. M. Z.
Ermanov, L. S. Spolov, T. M. Filina. TSvet. met. 39
no. 3:74-77 Mr '66

Certain cases of the dynamic loading of metal working
machines. F. K. Kanechenko. Izv. vys. ucheb. zav. i
chern. met. 9 no. 4:191-195 '66

Classification of electrodeposited metals according to the
sign of internal stresses. M. I. A. Popereka.
Elektrokhimiya. 2 no. 4:402-405 Ap '66

Coefficient of stress concentration for the calculation
of rolling mill stands for fatigue strength. D. I.
Sheludov, L. D. Sokolov. Izv. vys. ucheb. zav. i chern.
met. 9 no. 4:188-190 '66

Determining stresses in a rock massif by the method
of relieving the core with a central borehole. M. V.
Kurienko. Fiz.-tekh. probl. razrab. pot. iskop. no. 1:
104-108 '66

Determining the critical load causing the development of
cracks around a curvilinear hole. A. A. Kaminskiy.
Fiz.-khim. mekh. mat. 2 no. 1:32-39 '66.

Determining the modulus of cohesion of brittle materials
by compression testing of disks containing a crack.
S. I. A. Rema, G. S. Krestin. Fiz.-khim. mekh. mat.
2 no. 1:10-20 '66.

Effect of the time factor on stress concentration around
a circular hole with a soldered-in disk. N. N. Dolina,
I. I. Krush, M. I. Rozovskiy. Prikl. mekh. 2 no. 4:132-
138 '66.

Experimental study of some theorems in the classical
theory of longitudinal impact. S. B. Benilov, A. I.
Shchurov. Trudy MNT no. 221:37-44 '66.

Limit equilibrium of a plate weakened by an n-angle hole.
V. V. Panseluk, E. V. Buina. Fiz.-khim. mekh. mat. 2
no. 1:15-20 '66

Methods for studying the effect of stresses on the gas
corrosion of steel. I. U. Archakov, B. S. Golubovskiy,
V. I. Dichev. Zav. lab. 31 no. 7:873-875 '65

Modeling influence lines of stresses in an elliptical
elastic force ring reinforcing a cylindrical shell.
K. V. Kovalev. Vest. KhPI no. 1:38-54 '65

Propagation of cracks exiting at the contour of a curvilinear
hole in a plate. L. T. Berezhnitskiy. Fiz.-khim.
mekh. mat. 2 no. 1:21-31 '66.

Stress concentration around curvilinear holes in the
nonsymmetric theory of elasticity. I. U. N. Nemish.
Prikl. mekh. 2 no. 4:85-96 '66.

Stress distribution of an uplift fold. V. H. Huterman.
Dop. AN URSS no. 3:340-344 '66.

Stress relaxation caused by the Peierls dislocation follow-
ing the formation of a Cottrell cloud. I. A. Burnik,
L. S. Postirgach. Fiz.-khim. mekh. mat. 2 no. 1:15-
50 '66.

Stressed state and the deformation of hard materials in
welded joints with hard and mild interlayers. O. A.
Bakshi, A. A. Shatov. Svar. protzv. no. 5:7-10 My '66

Stresses developing in the propeller shaft due to the rela-
tive displacement of bearings. D. E. Iskritskiy. Sudo-
stroenie. 30 no. 4:25-29 Ap '64.

Theoretical bases for the formation of loads in the drive
of mining machines. A. V. Dokukhin, I. U. D. Krasnikov,
Fiz.-tekh. probl. razrab. pot. iskop. no. 1:49-62 '66.

STRAINS AND STRESSES—MEASUREMENT

Measurement of stresses by the magnetoelastic method.
R. E. F. Shov, M. M. Shol'. Zav. lab. 31 no. 7:811-811
'65

Unit for determining internal stresses in a forging in
stamping in open dies. P. I. Semenov, V. G. Koudiatenkov
Vest. mashinost. 16 no. 1:62-63 Ap '66

STRANGE PARTICLES

Class section of quark production. V. M. Maksimenko
and others. Pis'ma v red. Zhur. eksp. i teoret. fiz. 3
no. 8:340-344 Ap '66.

Electromagnetic interactions in a quark model. A. M.
Baldin. Pis'ma v red. Zhur. eksp. i teoret. fiz. 3 no. 7:
265-268 Ap '66.

Unitarity of the S-matrix in disturbed SL(6) symmetry.
Nguyen Van Hieu, A. N. Tavkhelidze. Dokl. AN SSSR
167 no. 4:792-794 Ap '66.

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRAW AS FEED

Chemical reaction occurring during the treatment of
wheat straw with ammonia. M. S. Dudkin, N. G.
Shkhanova, N. A. Lemle. Khim. v sel'. khoz. no. 4:48-53
Ap '66.

STRAWBERRIES

Beidze, R. K. [Genus Fragaria L.: cytogenetic and
genetic studies. Rod Fragaria L.: tsitologicheskoye
i geneticheskoye issledovaniye. Tbilisi, Metsnere-
ba] 1966. 204 p. [In Georgian]

STREAM CROSSING, MILITARY

At the river crossing. Iosif Shaurov. Sov. voyn. 47
no. 17:42-43 S '65.

Medical control of the progress of training tankmen in the
forcing of water barriers. A. A. Shparkovskiy. Voenn.-
med. zhur. no. 3:11-14 Mr '66.

STREAM MEASUREMENTS

Calculation of wind influence in determining surface
velocities of water current with floats simulating ice
floes. I. G. Shumkov. Trudy GGI no. 131:54-59 '66.

Coefficient of the transition from surface to mean
velocities under conditions of floodplain gauge lines.
N. K. Sibirskaya. Trudy GGI no. 131:57-53 '66.

Gratsiapakli, M. N. [Engineering hydrology and
hydrometry] Inzhenernaya gidrologiya i gidrometriya.
Moskva, Vysshaya shkola, 1966. 214 p.

A survey of the calculation of flow at hydroelectric
power stations according to data of hydrologic year-
books. A. M. Gavrilov. Trudy GGI no. 131:3-22 '66.

Systematic errors in the calculation of flow by weirs.
I. B. Vot'mun. Trudy GGI no. 131:23-29 '66.

Use of a broad-crested weir as a measure of water
discharge. N. N. Fedorov. Trudy GGI no. 131:30-36
'66.

STREET RAILWAYS—CURRENT SUPPLY

Rational network for the electric power supply of the
overhead lines of municipal transport systems. I. S.
Efremov, B. S. Finkel'shteyn, V. V. Karalev.
Elektrotehnika. 37 no. 4:30-31 Ap '66.

STRENGTH OF MATERIALS

Dikov, B. V. [Geometrical characteristics of sections;
a methods manual on the subject "Strength of materials"
for third-year students specializing in all subjects] Geometricheskie kharakteristiki sachenia; uchebno-
metodicheskoye posobie po disipline "Soprotivleniye
materialov" dlya studentov III kursa vseh spetsial'-
nostei. Moskva, Vses. zaochnyy in-t inzhenerov
zhel.-dor. transporta, 1965. 82 p.

Effect of the macrostructure on the mechanical charac-
teristics of laminar plastics. H. I. Dybenko and others.
Dop. AN URSS no. 3:336-339 '66.

Atsenko, V. F. [Strength and creep of laminated plas-
tics; compression, stretching, bending] Prochnost' i
poluchest' sloistikh plastikov; szhatiye, rastizheniye,
izgib. Kiev, Naukova dumka, 1966. 203 p.

Methods for determining the strength of metal ceramic
filtering elements. I. A. Kaminskiy, N. I. Agafonov.
Zav. lab. 31 no. 7:875-877 '65

Present state of the problem concerning the nature of
the scale factor in static testing of solids. I. A. N.
Shvilev. Trudy LITSSB no. 18:197-203 '66.

Stresses and deformations taking place during the action
of a compressive force on cylindrical surfaces. A. I.
Dubovikov. Trudy LITSSB no. 18:186-193 '66.

Use of roller models in studying the contact stress of
gearing materials. R. H. Gullipier. Zav. lab. 31 no. 1:
731-736 '65

STREPTOCOCCAL INFECTIONS

Disorders of tyrosine metabolism in guinea pigs fol-
lowing multiple introduction of β -methylcrotonyl
of the A group. A. B. Zakhova, V. I. Ilyin. Vopr. i
khim. 12 no. 2:158-157 Mr-Apr '66.

Experimental hygienic diets and artificial feedings
combined method in hypophysectomized mice.
Z. Komlova and others. Pat. izob. i izobreteniya. 5
no. 1:50-62 Jan-Feb '66.

STREPTOCOCCUS

Study of deoxyribonucleotides of streptococci of various
serological groups and of antitoxins to them in human
sera. O. P. Galachyants, M. K. Polubnyy. Zhurn.
mikrobiol., epid. i immunit. 44 no. 3:11-19 Mr '66.

STREPTOCOCCUS—CULTURES AND CULTURE MEDIA

Effect of gamma and ultraviolet irradiations on the
formation by Streptococcus acetoflavus cultures. A. G.
Ginevich. Ucheb. zhur. 10 no. 1:16-21 '66.

STREPTOMYCIN—SIDE EFFECTS

Study of free amino acids and phosphorus fractions in
blood following the initial situation of streptomycin
phthalate. M. A. Cherkov, Zh. Z. Khmelnitskiy.
med. khim. 11 no. 3:10-14 My-Jun '65

STREPTOTHRICIN

Study of streptothricin, that is, determination of
anthracycline fragments of streptothricin in
tissues. P. D. Reshetov, Ts. A. Lygova, A. S. I. I.
Khim. priklad. anal. no. 2:17-19 '65

STRESS (PHYSIOLOGY)

Dynamics of the glycogen content in the heart muscle
of rabbits of different ages under the influence of
physical stress. N. M. Orlinik. Dop. AN URSS no. 3:
403-406 '66.

Effect of liquid extract from the roots of Eleutherococcus
on the stress reaction. O. I. Kizilov. Soob. Vses. nauch.
SSSR no. 23:7-13 '61.

Effect of physical load on the resistance of mice to
hypoxic hypoxia. N. A. Kozmina, T. L. Golovinskaya.
stud. nauch. lab. Arkh. gos. med. inst. 20 no. 1:15-16 '65

Effect of physical loads on electrolyte metabolism in
ECG in animals. V. I. Pravosudov. Fiziol. zhur.
52 no. 4:399-402 Ap '66.

Reaction of the body to atropamin following the effects of
transverse overloading. V. I. Belal, T. V. Vasil'eva.
Farm. i toks. 28 no. 2:176-180 Mr-Apr '66.

Study of the changes in the contractile capacity of the
heart in functional loads under normal conditions and
in experimental disorders of the coronary circulation.
M. V. Il'chevich, M. M. Povolzhikov. Fiziol. zhur. 52
no. 2:200-208 '66.

STRESS WAVES

Stresses in the massif produced by the detonation of
charges of rectangular cross sections. S. F. Chernov,
skata, S. F. Chernov, L. M. Zhukov. Fiz.-tekh. probl.
razrab. pot. iskop. no. 6:141-144 '65.

STRIKES AND LOCKOUTS

Strike movement in the capitalist countries. I. I. I.
Mezhdunar. zhurn. 13 no. 5:144-148 '66.

STRIP MINING

(see also subdivision under Ilagodat' Mountain)

Calculating stable slopes in fractured rocks. I. V. I.
kov. Fiz.-tekh. probl. razrab. pot. iskop. no. 6:139-143
'65

Development of the survey control network at a strip
by a combined method. S. G. Barabanovichkov. Ucheb.
41 no. 4:61-65 Ap '65

Dynamics of labor productivity in open-pit coal mines.
N. I. Leleka, Ugori Ukr. 10 no. 4:119 Ap '66.

Improving the methods of rotary boring in Angara open-
pit coal mines. N. Stafievskiy. Ugol' 41 no. 4:1-24 '65

Mining the thin steeply inclined and sloping seams in the
pit mines of the Kuznetsk basin. V. I. G. G. G.
Moskva. Fiz.-tekh. probl. razrab. pot. iskop. no. 6:93
90 '65.

STRIP MINING—EQUIPMENT AND SUPPLIES

The BSSH-2m drill will perform more reliably. I. V.
Poltogarskiy. Gor. zhur. no. 4:78-77 Ap '66

Give new high-powered excavators to open-pit mines.
Gor. zhur. no. 4:8 Ap '66

Improving the performance of open-pit equipment during
the multiple-row blasting of boroholes. G. P. P. P. P.
V. A. Mikhailov, P. V. Boisenovich. Mat. i prom. i
prom. no. 2:58-57 Mr-Apr '66.

STRIP MINING—EQUIPMENT AND SUPPLIES (Continued)
Increasing the efficiency of rotary bucket excavators. O. N. Moshkovich. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 1 63-69 '66.
Prospects of using continuous machine units in the open-pit mines of the "Dnepropetrovsk" Trust. B. N. Tatarsky and others. *Met. i gorn. prom.* no. 2 61-66 Mr-Apr '66.
Unusual potentials of increasing the operational performance of overburden removal mechanical shovels. S. S. Gabrielyan. *Gor. zhur.* no. 4 76 Ap '66.

STRIP MINING—PRODUCTION METHODS

Technological flow sheets of continuous mining of blasted high benches. I. U. Belikov, V. S. Sychev. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 6 87-92 '65.

STRONTIUM

(see also subdivision under Dnieper-Donets Lowland)

Importance of strontium in prospecting for oil and gas in underground waters of the Dnieper-Donets Lowland. L. K. Gatalo, V. A. Krivosheina. *Neftegaz. geol. i geofiz.* no. 3 37-40 '66.
Some properties of glasses in the system $\text{Li}_2\text{O} - \text{SiO}_2 - \text{Al}_2\text{O}_3 - \text{SiO}_2$. M. A. Bezhmerov, N. A. Kashpina. *Dokl. AN BSSR* 10 no. 3 162-165 Mr '66.

STRONTIUM ISOTOPES

Petrographic implication of the Sr^{87} primary abundance value in igneous and metamorphic rocks. L. M. Gorekhov, I. M. Aitmov. *Geokhimiya* no. 1 30-35 Ja '66.

STRONTIUM ISOTOPES—PHYSIOLOGICAL EFFECT

Disturbance of the structure and functions of the islands of Langerhans by radiation sickness induced by radioactive strontium. O. A. Khomutavskii. *Radiobiologiya* 6 no. 2 224-228 '66.
Protective effect of calcium against the accumulation of radioactive strontium in the organism. Z. V. Dubrovina, P. M. Malkin. *Radiobiologiya* 6 no. 2 224-228 '66.
Speed of the development of salmon (*Salmo salar* L.) eggs in Sr^{90} contaminated water. G. V. Neustroev, V. N. Polyomskhin. *Radiobiologiya* 6 no. 2 321-323 '66.

STRONTIUM ISOTOPES—SPECTRA

Gamma radiation from Sr^{85} . N. A. Vatanov, P. S. Samoilov, I. U. S. Tsatur ov. *Izv. fiz.* 3 no. 4 598-601 Ap '66.

STRONTIUM METABOLISM

Strontium and calcium behavior in the organism of goats. I. A. Panchenko, I. A. Samoilov. *Radiobiologiya* 6 no. 2 220-231 '66.

STROPHANTHIN

Pharmacology of atrophanthin and inhibitors of carbohydrate and phosphate metabolism. G. N. Chetvertkov. *Farm. i tokn.* 28 no. 2 100-104 Mr-Apr '66.

STROPHANTHIN—PHYSIOLOGICAL EFFECT

Effect of atrophanthin on the rate of restoration of phosphorus compounds in compensatory hyperfunction of the heart in rats. M. A. Angarskii, V. D. Sokolova. *Pat. fiziol. i eksp. ter. ap.* 10 no. 1 50-59 Ja-F '66.
Reaction of the body to atrophanthin following the effect of transverse overloading. V. E. Bolal, P. V. Vasil'ev. *Farm. i tokn.* 28 no. 2 170-180 Mr-Apr '66.

STRUCTURAL ALUMINUM see Aluminum, Structural

STRUCTURAL DESIGN

Kawana, Politechnika Institut, Vilnius filialis. [Structural mechanics; reports at the 15th engineering conference] *Strukturalna mekhanika; doklady XV nauchno-tekhnicheskoi konferentsii*. Vilnius, Mintis, 1965. 111 p.

STRUCTURAL GEOLOGY see Geology, Structural

STRUCTURAL STEEL see Steel, Structural

STRUVE, VASILII VASIL'EVICH, 1889-1965

Vasilii Vasil'evich Struve, 1889-1965; an obituary. D. A. Osherogov, V. V. Matveev. *Sov. etn.* no. 2 110-150 Mr-Apr '66.

STRYCHNINE

Use of countercurrent extraction in the isolation of strychnine from biological material. V. V. Mikhno. *Farmats. zhur.* 10 no. 5 54-57 '64.

STRYKOWSKI, MACIEJ STANISLAW, 1947-

Rogov, A. I. [Russian-Polish cultural relations during the Renaissance period; Strykowski and his Chronicle] *Russko-pol'skie kul'turnye svyazi v epokhu Vozrozhdeniia; Strykovskii i ego Khronika*. Moskva, Nauka, 1965. 307 p.

STRY (UKRAINE)—PUBLIC PROSECUTORS

How we control the patrol investigation and examination of criminal cases in the agencies of protection of public order. M. Anisimov. *Rad. pravo* 20 no. 4 43-45 Ap '66.

STUDENT ACTIVITIES

(see also subdivision under Vitetsk)

History of the development of children's technical creative activities. V. S. Baiterova. *Shkola i prosv.* 10 no. 5. 17-63 My '66.
Let's give them moral education at work. P. A. Avilo. *Shkola i prosv.* 10 no. 5 18 My '66.
Let's train the next builders of communism. R. I. Stanovova. *Shkola i prosv.* 10 no. 5 35-37 My '66.
Technical creativeness of students. N. A. Nikiforova. *Shkola i prosv.* 10 no. 5 13-16 My '66.

STUDENT EMPLOYMENT

Hygiene of students' agricultural work. M. A. Sharova. *Shkola i prosv.* 10 no. 4 16-19 Ap '66.

STUDENT-TEACHER RELATIONSHIPS see Teacher-student relationships

STUPINO DISTRICT—SPRAYING AND DUSTING IN AGRICULTURE

Marginal treatments. A. Gavrilina. *Zashch. rast.* 11 no. 2 23 '66.

STYRENE

Conversion of β -alkylstyrenes over an aluminosilicate catalyst. I. U. N. Polov, V. P. Efimov. *Zh. prikl. khim.* 38 no. 2 149-151 F '65.
Polarographic determination of β -nitrostyrene and phenylacetylene oxime present together. V. M. Chursina, E. I. Litvin, L. Kh. Freidlin. *Zhur. anal. khim.* 21 no. 3 365-369 '66.

STYRENE POLYMERS

Copolymerization of styrene with N-methacryloylacrylamide in ϵ -caprolactam. T. M. Frunze and others. *Vysokom. soed.* 8 no. 3 455-460 Mr '66.
Copolymerization of unsaturated polyamides with styrene. O. A. Fedotova and others. *Vysokom. soed.* 8 no. 3 536-539 Mr '66.
Enal'ev, V. D., and B. G. Zadontsov. [Polystyrene plastics] *Polistirolynye plastiki*. Kiev, Tekhnika, 1966. 164 p.
Optimum temperature conditions for styrene block polymerization. I. A. Shatkhani, I. M. Oll'man. *Vysokom. soed.* 8 no. 3 503-508 Mr '66.
Polymerization of styrene initiated by polyoxycyanate having a terminal peroxide group and forming block copolymers. G. S. Kolesnikov, L. K. Iaralov. *Vysokom. soed.* 8 no. 3 513-518 Mr '66.
Some properties of aqueous solutions of sodium salts of styrene copolymers with maleic anhydride. I. D. Kotlar, U. P. Shvarev, N. M. Chernysheva. *Zh. prikl. khim.* 10 no. 3 612-616 Mr '66.

SUBLIMATION (PHYSICAL SCIENCES)

Characteristics of the sublimation of a metal in the presence of an oxide layer on its surface. S. Z. Bokshin and others. *Izv. AN SSSR, Mekh.* no. 2 177-187 Mr-Apr '66.
Obtaining a high-purity silicon by sublimation through a subchloride in vacuum. V. N. Chekintsev and others. *Sbor. nat. stat. i sprav.* no. 4 201-209 '66.
Sublimation of a thin plate in a gas flow. V. G. Loshina, N. V. Pavlovich, Inzh.-fiz. zhur. 10 no. 2 212-219 F '60.

SUBMARINE BOATS

Communication under water. I. U. Kaverzin. *Tekh. i vooruzh.* no. 12 17-19 D '65.
Hydroacoustics on a submarine. V. Krasnov. *Tekh. i vooruzh.* no. 9 37-42 S '65.
Our sons will sail farther. V. Kononov. *Voen. znani.* 42 no. 5 12-13 My '66.

SUBMARINE DIVING see Diving, Submarine

SUBMARINE WARFARE see subdivision under United States

SUBSIDENCES (EARTH MOVEMENTS)

Character of the convergence of lateral rocks on steep slopes with roof control by a loose rubble band. N. I. Zhizlov, D. V. Dorokhov, A. D. Alekseev. *Ugol'* 41 no. 4 17-20 Ap '66.
Determination of stresses in rocks by known displacements over the seam and in the worked-out area. B. V. Vlasenko, G. I. Gritsko. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 6 35-44 '65.
Preliminary calculation of roof movements in the steep seams of the Kuznetsk Basin. A. G. Shadrin. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 6 147-150 '65.
Rheological properties of rocks in the occurrence of phenomena of rock bursts and bumps. V. K. Shekudrin. *Fiz.-tekhn. probl. razrab. pol. iskop.* no. 1 21-29 '66.
Rock bumps in the earth can be prevented. N. I. Didyrov, L. A. Kolesnikov. *Bezop. truda, v prom.* 7 no. 11 7-8 N '63.

SUBSIDENCES (EARTH MOVEMENTS)—MODELS

Calculation of rock displacements on the edge of deep mine workings nonlikable to be influenced by stopping operations. S. D. Suman and others. *Ugol'* 41 no. 4 20-22 Ap '66.

SUBSTITUTION (CHEMISTRY)

Correlation of tautomeric equilibrium of α -substituted acetone with polar constants of substituents. S. I. Ioffe. *M. I. Kalachnik, Izv. AN SSSR Ser. Khim.* no. 4 762-764 '66.
Effect of alkyl substituents in position 5 on the ultraviolet spectrum of rhodamine absorption. M. M. Turkevich, A. F. Mykha. *Farmats. zhur.* 19 no. 5 3-5 '64.
Effect of the p-nitrophenyl substituent on the electronic spectra of β -diketone anions. I. A. Gryn G. I. A. Vanag. *Dokl. AN SSSR* 167 no. 4 827-830 Ap '66.
Effect of the position and nature of the substituent on the vibration spectra of five-membered heteroaromatic systems. I. A. M. Kiselev and others. *Zhur. strukt. khim.* 7 no. 1 42-47 Ja-F '66.
Some regularities in the electron-vibrational spectra of substituted aromatic compounds. Part 5. Mono-substituted biphenyl, terphenyl, trans-stilbene, and 1,4-disubstituted benzene. A. E. Lutsik and others. *Teoret. i eksper. khim.* 2 no. 1 117-122 '66.
Synthesis of functionally substituted α, β -unsaturated oxides. B. I. Koz'yukin, L. A. Ivanovskaya, V. F. Kuchurov. *Izv. AN SSSR Ser. khim.* no. 4 643-648 '66.

SUBWAYS—AUTOMATIC TRAIN CONTROL see subdivision under Leningrad

SUCCINIC ACID

Use of sodium hydroxide for the preparation of acyl succinic acid esters. V. B. Piskov. *Zhur. prikl. khim.* 38 no. 2 436-437 F '65.

SUCCINIMIDE

Kinetics of the radical polymerization of N-vinylsuccinimide. N. V. Danilev, A. F. Nikolaev. *Vysokom. soed.* 8 no. 3 465-469 Mr '66.

SUCCINONITRILE

Reactions of succinodinitrile and fumarodinitrile with phosphorus pentachloride. V. I. Shovchenko, V. P. Kukhar'. *Zhur. ob. khim.* 36 no. 4 735-738 Ap '66.

SUCKER RODS

Mechanical sucker rod logs of Abneshi Petroleum Industry Administration design. A. Kolesnikov, A. Petushev. *Nefitank.* 10 no. 9 28-29 S '65.

SUDAN—WATERMELONS

Watermelon *Citullus lanatus* Mansf. ssp. *cordophanus* Ter-Avyan. D. V. Ter-Avanesian. *Bot. zhur.* 51 no. 3. 423-426 Mr '60.

SUDZHA DISTRICT—SUGAR BEETS

With lowest expenditures. N. A. Dubrovskii, L. V. Levchenko. *Zemledelie* 26 no. 11 46-51 N '64.

SUGAR

Winter hardness of winter durum wheat as related to the accumulation of sugar during fall. V. A. Fokhal'skii, A. A. Ukolov. *Vest. sel'khoz. nauk* 10 no. 3 113-117 Mr '65.

SUGAR—ANALYSIS AND TESTING

Ultra-acoustical method for the analysis of a crystal containing mass in the automation of sugar crystallization processes. L. Z. Amil'skii. *Avtomatika* 11 no. 2 65-71 '66.

SUGAR—MICROBIOLOGY

Knis, V. M., and V. Z. Nakhodkina. [Thermophilic micro-organisms in sugar refining products] *Termofilnye mikroorganizmy v produktakh rafinadnogo proizvodstva*. Moskva, Tsentr. in-l nauchno-tekhn. informatsii pishchev. promyshl., 1965. 23 p. [MICROFILM]

SUGAR BEET MACHINERY

(see also subdivision under Germany, West)

Complex of machines for growing and harvesting sugar beets. A. G. Tsybmal. *Trak. i sel'khoz. mash.* no. 5: 21-23 My '66.

Studying the precleon of the flow and distribution of seeds in the row by the SKRN-12B planter. V. V. Golovanov. *Uch. zap. Mord. gos. un.* no. 45 3-12 '64.

SUGAR BEETS

(see also subdivision under East Kazakhstan Province; Kharkov, Sudzha District; Ukraine)

Continuous heat treatment of sugar beets at the Aleksandrovka Distillery in the Tatar A. S. S. R. M. K. Brigadenko, A. N. Kartashev, G. D. Babkin. *Ferm. i splrit. prom.* 32 no. 3 27-29 '66.

Lines for sugar beets. A. E. Osin, T. N. Tryshkina. *Vesti AN BSSR. Ser. sel'khoz. nav.* no. 1 65-67 '66.

- SUGAR BEETS (Continued)**
Study of the heritability of some products of sugar beets. A. F. Stelmach. Dokl. AN BSSR 10 no. 10 204-210 '66
- SUGAR BEETS—FERTILIZERS AND MANURES**
(see also subdivision under Chu Valley, Kursk Province, Moldavia, Tselinograd Province, Yakhroma Valley)
Effect of row placement of fertilizers on the initial growth of sugar beets in turf-podzolic soils. P. I. Fomlin. Khim. v sel' khov. no. 4 8-12 Ap '66.
Effect of trace elements on the yield and sugar content of beets in peat soils. H. I. Lashkevich. Vestn AN BSSR. Ser. sel'shosp. nauch. no. 4 55-59 '65.
Formation of the sugar beet crop in Sierozem. D. A. Akmaliev. Bluz KirgNITZ no. 5 51-56 '60
- SUGAR BEETS—IRRIGATION**
Koval'skii, M. V., I. U. F. Mitronov, and K. D. Stetsenko. [Sugar beet in irrigated fields] Sakharina strelka na oroshaemykh zemlakh. Moskva, Rosset'khozizdat, 1965. 76 p (DNAL)
- SUGAR INDUSTRY** see subdivision under Rovshevo (Ukraine), Ramon' (Voronezh Province)
- SUGAR INDUSTRY—EXHIBITIONS** see subdivision under Kiev Province
- SUGAR MANUFACTURE—HYGIENIC ASPECTS**
Senior inspector. N. Kaplan. Okhr. truda i zds, strakh 9 no. 5 23-29 My '66.
- SUGAR TRADE** see subdivision under Dnepropetrovsk Province
- SUGARS IN PLANTS** see Plants, Sugars in
- SUICIDE**
Procedural and tactical issues confronting investigating organs during the verification of circumstances surrounding suicides. V. S. Burdanova. Vest LGU 21 no. 5 126-131 '66
- SUKHOKUMSK (DAGHESTAN)—PETROLEUM WORKERS**
Visiting the young petroleum workers of Sukhokumsk. A. Kudriashov. Neftianik 11 no. 4 15 Ap '66.
- SUKHUM—HOTELS, TAVERNS, ETC.—DESIGN AND CONSTRUCTION**
Competition for the design of a hotel in Sukhum. Arkhit. SSSR no. 2 35-37 '66.
- SULAIMANOVA, KHADICHA SULAIMANOVNA, 1916-1965**
Remembering Khadicha Sulaimanova. Bluz Verkh Suda no. 140 '66
- SULFADIMETHOXINE**
Activity of sulfadimethoxine (madribon) in pneumococcal meningitis in rabbits. I. Isamukhamedov and others. Farm. i toks. 28 no. 4 454-460 Ji-Ag '65.
- SULFAMIC ACID**
Use of sulfamic acid in the manufacture of kid and chrome goatskin leather. Ch. F. Rafikov. Khim. i tekhn. obuv. prom. 8 no. 3 27-28 Mi '66
- SULFAMIDES**
Methods of colorimetric determination of sulfanamide preparations. V. N. Bogdanova. Trudy I-go MMI 17: 170-172 '62.
Tautomerism of 5-amino-1,2,4-triazole. Part 4: Structure of disulfamides of 2-methyl-5-amino-1,2,4-triazole. V. P. Shchegolev, I. A. Postovskii. Zhur. org. khim. 2 no. 2: 360-364 F '66.
- SULFANILAMIDES**
Critical remarks on the qualitative characteristics of some preparations in British and American pharmacopoeias. M. Kh. Huzman, B. I. Dachevskai. Farmatsevt. zhur. 20 no. 2 13-17 '65.
Effect of antibiotics and sulfanilamide preparations on resorption and restoration processes in swine with bronchopneumonia. I. T. Trufimov. Uch. zap. KVI 50:36-83 '64.
Examination of possibilities of using chromatography in the detection of sulfanilamide preparations in the urine; examination of sulfadimazine and albutic by the method of distributive chromatography. F. M. Shemiakin, O. S. Lobakhina. Trudy I-go MMI 17:160-169 '62.
Pathomorphological changes in experimental pneumococcal meningitis in rabbits treated with sulfanilamides of prolonged action. I. Isamukhamedov, A. I. Litvinova, G. N. Pershin. Farm. i toks. 28 no. 4:450-455 Ji-Ag '65.
Physician's tactics in some complicated cases, developing in the process of diabetes treatment. I. M. Orudzhev. Azerb. med. zhur. 42 no. 12 18-20 D '65
- SULFATES**
Metal indicator for barium in the volumetric determination of sulfates in the presence of phosphates and arsenates. V. I. Kuznetsov, N. N. Basargin. Zav. lab. 31 no. 5:538-541 '65.
- Origin of sulfates in the waters of the Kalus River basin. S. V. Durov, M. M. Balaevskii. Trudy NPI 121: 42-53 '63
- SULFIDES**
(see also subdivision under Saitay region, Kazakhstan, Transcarpathia)
Crystallochemical characteristics of sulfides and chalcogenides. E. A. Pobedinskaya, N. V. Belov. Geokhimiya no. 2 152-160 F '66.
Kinetics of oxidizing solid solutions of molybdenum and rhodium disulfides. A. N. Zelikman, I. I. Vasil'yevskii, I. G. Vasil'yeva. Sbor. inst. stali i sploy. no. 11 251-261 '66.
Kinetics of the thorough combustion of sulfides in slag glasses. N. M. Pavlushkin, R. M. Cherniakova, Izv. AN SSSR, Neorg. mat. 2 no. 3 553-559 Mi '66.
The mineral "saukovit". V. S. Zaitsev. Priroda 55 no. 4 115-116 '66.
Oxidation of a mixture of copper and iron sulfides. S. A. Durov, B. I. Durov. Trudy NPI 121 35-37 '61.
Role of natural electrochemical processes in the formation of oxidation ores in sulfide deposits. G. V. Sveshnikov. Vest LGU 18 no. 24:54-61 '63.
Simultaneous adsorption of sulfide anions and cations of tetraallyl ammonium. S. I. Zhdanov, B. A. Kiselev. Zhur. fiz. khim. 40 no. 2 481-486 F '66.
Use of synthetic zeolites for sulfide removal from natural gas. E. N. Khar'kovskaya, I. A. D. Zol'venski, R. N. Pronina. Khim. prom. 42 no. 4:268-272 Ap '66.
- SULFITE LIQUOR**
Alkali liquors as related to biochemical processing of mixed waste waters from petroleum refineries and petrochemical plants. E. G. Iokimova, R. V. Dudnikova, Neftepr. i neftekhim. no. 4 25-27 '66.
Effect of the conditions of bleaching and refining of sulfite pulp on the process of polymerizing and its reactivity toward viscose formation. L. E. Akim, Z. P. El'mitskaya. Zhur. prikl. khim. 39 no. 1 691-693 Mi '66.
- SULFITES**
Thermochemistry of persulfate solutions. Report No. 2 Thermodynamic characteristics of the reaction of sodium sulfate with sodium hypochlorite and sulfite ion formation in an aqueous solution at various temperatures. T. V. Fomina, N. P. Dymarchuk, K. P. Mishchenko. Trudy LITNEP no. 10:103-107 '65.
- SULFONATION**
Sulfonation of petroleum tars. V. I. Antonikhin, B. G. Gumenko, Neftepr. i neftekhim. no. 10:20-23 '65.
- SULFONES**
Synthesis and study in the series of substituted trimethylend sulfone. Part 7: Interaction of halo-substituted trimethyl-ene- and tri (methylmethylene) trisulfone with secondary and tertiary amines. R. G. Dubenko, Yu. V. Tanchuk, P. S. Pel'kis. Zhur. org. khim. 2 no. 2:270-273 F '66.
- SULFONIC ACIDS**
Kinetic method of determining vanadium by means of H-acid. S. U. Kreingold, E. A. Bozhevol'nov. Zav. lab. 31 no. 7 784-786 '65.
Structural chemical formulas of sulfonic salts. Khim. salts. D. P. Gilgov. Dokl. AN SSSR 167 no. 5: 1123-1126 Ap '66.
Thiosulfonic acids. Part 14: Some esters of 2, 4, 5-tri-chlorobenzenethiosulfonic acid and tetrachlorophenyl esters of thiosulfonic acids. B. G. Boldyrev, O. M. Semotuk. Zhur. org. khim. 2 no. 2 286-290 F '66.
- SULFONIC GROUP**
Activity of weak bases during the exchange of the sulfo group by a hydroxyl. M. I. Il'uskevich. Zhur. prikl. khim. 38 no. 2 363-368 F '65.
- SULFUR**
(see also subdivision under Lovozero Tundra; Rozdol' region, Ukraine)
Effect of sulfur additions on the shrinkage process in cast iron. A. Ia. Khlapov, N. I. Svidkov. Izv. vyz. ucheb. zav., Chern. met. 9 no. 4:152-154 '66.
Effect of sulfur on the activity of a platinum catalyst in the process of isomerization of n-pentane. N. R. Burdian, N. K. Volmukhina. Zhur. prikl. khim. 38 no. 3:656-660 Mr '66.
Influence of carbon black on the interaction of rubber with sulfur and accelerators. B. A. Dergachin, Z. V. Skododumova, M. S. Fedtshtain. Koli. zhur. 28 no. 3:214-217 Mr-Ap '66.
Lability of the sulfur atom in position 4 of 2, 4-thiazanedithione and 2, 4-thiazolidinedithione molecules. M. M. Turkovych, O. V. Vladimirovskaya. Dop. AN URSR no. 3:376-378 '66.
Reaction of turpentine with elementary sulfur. P. A. Levin. Zhur. prikl. khim. 39 no. 3 677-682 Mr '66.
- SULFUR—ANALYSIS**
Determination of sulfur in technical selenium. M. I. Erdenbaeva, Z. M. Usenova. Zhur. anal. khim. 21 no. 3: 378-379 '66.
- Determination of trace amounts of chlorine and sulfur in monomers and polymers. D. B. Gurvich and others. Zav. lab. 32 no. 1:400-410 '66.
Quantitative determination of hydrogen in organic compounds contained in sulfur. M. D. Bon', I. K. Lukash, V. M. Plavil. Zav. lab. 32 no. 4:411-412 '66.
Rapid determination of pyrite sulfur in brown coals. V. I. Volokhov. Zav. lab. 31 no. 6 675 '65.
- SULFUR COMPOUNDS**
Some problems of gas-liquid chromatography of high-boiling sulfur compounds. I. I. Shokina, A. D. Malitskii, G. M. Ilyin. Gaz. dol. no. 1 29-32 '66.
- SULFUR DIOXIDE**
Oxidation of chromium-nickel steel in sulfur dioxide at high temperatures. M. G. Vladimirova, D. V. Zhukovskii, V. F. Nizheval'skii. Zhur. prikl. khim. 39 no. 1:132-137 Ja '66.
- SULFUR ISOTOPIES** see subdivision under North's region (Krasnoyarsk Territory)
- SULFURIC ACID**
Acidity function of sulfuric acid aqueous solutions. It. S. Rabinov, I. M. Medvedevskii, I. V. Yanuk. Zhur. fiz. khim. 40 no. 2:338-345 F '66.
Determination of the acidity of reactants in the production of phenol and acetone. V. Z. Merkulova, I. M. Ivanova. Zav. lab. 31 no. 6 674-676 '65.
Electrochemical processing of hydrolysis acid waste. Use of ion-exchange membranes. V. P. Kochergin, T. F. Moiseyeva, L. S. Romitova. Lakokras. mat. i tekhn. no. 2:27-28 '66.
Kinetics and mechanism of reaction in strong concentrated acids. Part II. N. G. Zaitsevskii, M. I. Vinnik. Zhur. fiz. khim. 40 no. 2 343-348 F '66.
Kinetics of the dissolution of cadmium oxide in sulfuric acid solutions. I. A. Vorob'eva, F. M. Selezneva. Sbor. inst. stali i sploy. no. 41 327-333 '66.
Niobium and tantalum polyions in sulfuric acid solutions. G. I. Grigorchina. Zhur. neorg. khim. 11 no. 2:299-304 F '66.
Optimization of the production of sulfuric acid by the contact method. A. G. Amosin, L. M. Likherson, A. B. Rodov. Khim. prom. 42 no. 4:290-292 Ap '66.
Optimum conditions of the removal of nonfluorinated compounds from alkyl sulfates. G. I. Moskvina, L. V. V. V. V. Masl. -zhur. prom. 32 no. 2:13-14 F '66.
Results of the all-union local competition of the sulfuric acid shops in enterprises of chemical, petrochemical refining and petrochemical industries during the fourth quarter of 1965. Khim. prom. 42 no. 4:320 Ap '66.
Temperature effect on the dissolution of cellulose in concentrated sulfuric acid. I. P. Vyazova, V. I. Shukh. Zhur. prikl. khim. 39 no. 1 682-689 Mr '66.
- SULFURIC ACID INDUSTRY**
Gladushko, V. I. [Production of sulfuric acid] Protzveststvo sel'sk. khoz. khoz. Tekhnika, 1966. 238 p
- SUMERIANS**
The libraries of ancient Sumar. A. Gladkov. V mire knig 6 no. 3:46 Mr '66.
- SUNGAIT (AZERBAIJAN)—TAENIA**
Results of treating Taenia hyemalis infestation at the Sungait Chemical Plant during 1954-1964. A. S. Antonian and others. Azerb. med. zhur. 42 no. 12 47-49 D '65.
- SUMS (MATHEMATICS)**
Approximation of analytic functions by partial sums of Faber series. M. M. Vorobiov. Dop. AN URSR no. 2:138-141 '66.
Approximation of functions by Fourier-Jacobi series. V. M. Dudkov. Dokl. AN SSSR 167 no. 1:731-734 Ap '66.
Asymptotic programming. Part I. V. V. Leonov. Mekh. anal. no. 4:17-39 '65.
Summation of unbounded sequences by linear regular methods. I. I. Ogilevskii. Dokl. AN SSSR 167 no. 5: 988-991 Ap '66.
- SUMY—TECHNOLOGICAL INNOVATIONS**
National standards are world standards. V. Iudin. Tekhn. Rad. Ukr. 8 no. 7:70-80 Ji '65.
- SUMY PROVINCE—COOPERATIVE SOCIETIES**
Cooperative society employees go into the fields. V. Malinovskii. Sov. put. khoz. 10 no. 4:5-6 Ap '65.
- SUMY REGION—COMMUNIST EDUCATION**
A conference of the teachers of history and social sciences in the Sumy region. O. M. Filatova. Ukr. ist. zhur. 9 no. 2:166 F '65.
- SUN**
Theory of the type-1 solar radio bursts. V. I. Trakhtengerts. Astron. zhur. 43 no. 2:255-264 Ja-Ap '66.

SUN—ATMOSPHERE

Diffusion and dissociation of CO molecules in the solar photosphere. M. Ch. Parde. *Astron. zhur.* 43 no. 2: 407-412 Mr-Apr '66.

SUN—CORONA

Relationship between proton flares and the corona during the eleven-year cycle. M. N. Gnevyshev, L. Krivak. *Astron. zhur.* 43 no. 2: 385-390 Mr-Apr '66.

SUN—FACULAE

Study of physical conditions in solar faculae. N. F. Volkhanskina. *Astron. zhur.* 43 no. 2: 413-420 Mr-Apr '66.

SUNBATHS

Concentrated sunlight in treating some dermatoses. U. B. Berdyuzov, K. D. Gorina. *Vop. khim. i fizioter. i lech. fiz. kul't.* 30 no. 2: 121-124 Mr-Apr '65.

Scattered general and ultraviolet radiation and its use in acrochelotherapy. S. M. Chubinskii. *Vop. khim. i fizioter. i lech. fiz. kul't.* 30 no. 2: 115-118 Mr-Apr '65.

SUNBATHS—EQUIPMENT AND SUPPLIES

Results of therapeutic use of Bukhman's solar reflector. N. G. Aleshin. *Vop. khim. i fizioter. i lech. fiz. kul't.* 30 no. 2: 118-121 Mr-Apr '65.

SUNFLOWER BREEDING

Line hybridization method in sunflower breeding. A. I. Gumlaev. *Vest. sel'khoz. nauk* 10 no. 3: 121-129 Mr '65.

SUNFLOWER SEED

Redesigning loading column of the ND-1250 extractor. V. E. Ovcharenko, N. S. Arutunian, R. N. Dzhubinskii, Mavt. -zhit. prom. 32 no. 3: 42-43 Mr '66.

Respiratory gas exchange in sunflower seed at preharvest time. V. G. Shcherbakov, V. N. Sliko. *Izv. vys. ucheb. zav., pishch. tekhn.* no. 2: 20-22 '66.

SUNFLOWER SEED—ANALYSIS

Studying the formation of food substances in ripening sunflower seeds. V. G. Shcherbakov, V. N. Sliko. *Mavt. -zhit. prom.* 32 no. 3: 8-11 Mr '66.

SUNFLOWER SEED—DRYING

Studying the radiation-convective drying of sunflower seeds. V. K. Prietshenskii. *Mavt. -zhit. prom.* 32 no. 2: 8-10 Mr '66.

SUNFLOWER SEED—THERMAL PROPERTIES

Effect of bulk density on the thermophysical properties of sunflower seed pulp. V. A. Muzjikov, R. F. Shakovskii. *Izv. vys. ucheb. zav., pishch. tekhn.* no. 2: 159 '66.

SUNFLOWER SEED OIL

Effect of soil type and fertilizers on the yield of sunflower seeds and the biochemical indices of the oil. D. I. Karastan. *Iffek. udob. v usl. Mold.* no. 4: 92-95 '65.

Interokinase and alkaline phosphatase content in the mucous membrane of the small intestine in rats receiving thermically processed sunflower oil with food. T. N. Zilina and others. *Vop. pit.* 25 no. 1: 40-44 Ja-F '66.

Using the methods of ion-exchange and molecular chromatography in the refining of sunflower seed oil wastes. G. V. Petrova, I. V. Dlagin, A. L. Sergeeva. *Izv. vys. ucheb. zav., pishch. tekhn.* no. 2: 59-60 '66.

SUNFLOWERS see subdivision under East Kazakhstan Province

SUNFLOWERS—FERTILIZERS AND MANURES

(see also subdivision under Moldavia)

Content of phosphorus and carboxylic acid compounds in the organs of the sunflower as related to the effectiveness of mineral fertilizers. M. A. Tsurkan. *Iffek. udob. v usl. Mold.* no. 4: 77-81 '65.

Dynamics of the accumulation of phosphorus compounds in the organs of the sunflower as related to the type of soil and fertilizers. D. I. Karastan. *Iffek. udob. v usl. Mold.* no. 4: 95-98 '65.

SUNFLOWERS—STORAGE

Effect of various factors on the origination and development of the processes of spontaneous heating during the storage of oil-rich sunflower seeds. V. M. Kapetkovskii, M. I. Riazantseva. *Tudy VNIH* no. 63: 147-161 '64.

SUNSPOTS

Dissipation of the cellular belt. V. E. Chertoprud. *Astron. zhur.* 43 no. 2: 390-399 Mr-Apr '66.

Generation of magnetohydrodynamic waves in sunspots. M. Martk. *Astron. zhur.* 43 no. 2: 400-406 Mr-Apr '66.

Vil'neki, Iu. I. [Morphology of solar activity] *Morfologiya solnechnoi aktivnosti*. Moskva, Nauka 1966, 198 p.

SUPERCONDUCTIVITY

Connection between the parameters of superconductivity of a zirconium-4% niobium alloy and its structure. S. V. Sudareva and others. *Fiz. met. i metalloved.* 21 no. 3: 389-395 Mr '66.

Effect of microheterogeneity on the superconductive characteristics of the Nb-Zr-Ta alloy. R. S. Shmulevich and others. *Fiz. met. i metalloved.* 21 no. 3: 378-383 Mr '66.

Exact solution to a superconductivity model. R. A. Minlos. *Zhur. eksp. i teor. fiz.* 50 no. 3: 642-652 Mr '66.

A feasible experiment for finding superconductors with a different pair multiplicity. O. S. Akhiamov. *Fiz. v red. Zhur. eksp. i teor. fiz.* 3 no. 7: 284-287 Ap '66.

Heat capacity of thin superconducting films in a magnetic field. Iu. N. Ovedinnikov. *Zhur. eksp. i teor. fiz.* 50 no. 3: 795-798 Mr '66.

The Josephson tunnel effect in superconductors containing paramagnetic impurities. I. O. Kulik. *Zhur. eksp. i teor. fiz.* 50 no. 3: 799-806 Mr '66.

Stability of a lattice with a nonphonon superconduction mechanism. Iu. I. Balkarel, D. I. Khomskii. *Fiz. v red. Zhur. eksp. i teor. fiz.* 3 no. 7: 281-284 Ap '66.

Stability limits of the superconducting state in a magnetic field for superconductors of the second kind. V. P. Galenko. *Zhur. eksp. i teor. fiz.* 50 no. 3: 717-723 Mr '66.

SUPERCONDUCTORS—THERMAL PROPERTIES

Determining the critical temperature of a superconductor with a paramagnetic impurity. V. A. Moskalenko, L. Z. Koni. *Zhur. eksp. i teor. fiz.* 50 no. 3: 724-725 Mr '66.

SUPERFLUIDITY

State of liquid helium near the λ -line. L. V. Kladzko, Iu. G. Mamaladze, O. D. Chashvili. *Fiz. v red. Zhur. eksp. i teor. fiz.* 3 no. 8: 305-309 An '66.

Steady-state temperature distribution in weak superfluid mixtures of He3 - He4. T. P. Prukha. *Ukr. fiz. zhur.* 11 no. 3: 305-312 Mr '66.

SUPERHEATERS

Comparison of the effectiveness of the use of subcritical (170 atm.) and supercritical (247 atm.) steam pressure in high-capacity blocks. S. L. Zubitskii. *Energ. sto.* no. 46: 77-82 '64.

SUPERHEATERS—CLEANING

Study of efficiency and reliability of the vibrational cleaning of a convectional superheater. V. G. Neizner. *Elek. sta.* 36 no. 7: 15-18 Jl '65.

SUPERSONIC AERODYNAMICS see Aerodynamics, Supersonic

SUPERSONIC NOZZLES

Suspension flow in a Laval nozzle. G. A. Komov. *Inzh. - fiz. zhur.* 10 no. 3: 368-373 Mr '66.

SUPERSONIC WAVES see Ultrasonic waves

SUPPLY AND DEMAND see subdivision under Georgia

SUPPURATION

Transfusion of L-3 hydrolysin in children with pyelonephritic diseases and lesion of the gastrointestinal tract. L. G. Smolinsk, N. S. Anishin. *Sov. med.* 20 no. 3: 45-48 Mr '66.

Vascular changes in chronic suppurative processes of the lungs complicated by hemorrhage. A. V. Grigorian and others. *Grud. khir.* 8 no. 1: 61-66 Ja-F '66.

SUPUTINKA PRESERVE—REFORESTATION

Methods of the calculation of natural reproduction under the forest canopy. I. T. Ivanova. *Soob. DVITAN SSSR* no. 23: 83-90 '64.

SURFACE ACTIVE AGENTS

Effect of surface-active agents on the kinetics of anodic dissolution of copper involving chemical polarization. N. I. Gusev, O. A. Burmistrova. *Zhur. fiz. khim.* 40 no. 4: 949-952 Ap '66.

Surface-active properties of lignosulfonates. G. P. Grigoriev and others. *Zhur. prikl. khim.* 39 no. 3: 710-719 Mr '66.

Use of a compensator for measuring small EMF in corrosion tests. R. R. Larionova and others. *Nef. khoz.* 13 no. 7: 63-66 Jl '65.

SURFACE CHEMISTRY

Measurement of the surface effect of a chemical reaction in the system metal-slag. Iu. A. Minaev, V. A. Grigorian. *Zav. lab.* 31 no. 7: 808-811 '65.

Possible effect of surface migration on the kinetic characteristics of oxygen adsorption by tungsten. Iu. H. Pushkina. *Ukr. fiz. zhur.* 11 no. 3: 343-344 Mr '66.

Synthesis and properties of chemically modified silica. I. E. Netmak. *Vest. AN BSSR. Ser. khim. nav.* no. 1: 102-113 '66.

SURFACE HARDENING

Magnetic control of the surface hardening of a plastically deformed layer on steel parts. I. M. Shif, B. M. Netsvestov. *Defektoskopia* 1 no. 6: 23-35 '65.

Pulsed hydraulic hardening of surface metal layers. T. N. Ushakov, N. G. Zolotarev. *Vest. mashinost.* 46 no. 4: 12-13 Ap '66.

Surface hardening by the induction heating of cast iron camshafts for ZIL-130 motors. Iu. A. Postnikov. *Metalloved. i term. obr. met.* no. 6: 20-22 Je '65.

Wear resistance of steel 45 hardened by heating in an electrolyte. E. A. Ivanov, L. I. Danchenko, G. N. Alekseeva. *Metalloved. i term. obr. met.* no. 4: 72-73 Ap '66.

X-ray study of the surface layers of 6Kh steel hardened by high-temperature thermomechanical treatment of the surface. M. L. Berashkin and others. *Metalloved. i term. obr. met.* no. 4: 10-11 Ap '66.

SURFACE HARDENING—TESTING

Electric induction method of testing the depth of surface hardening of gear teeth. S. L. Naumov, V. V. Chernyak. *Defektoskopia* 2 no. 1: 73-75 '66.

Possibility of controlling the thickness of a hardened layer by the method of eddy currents. R. E. Ershov. *Defektoskopia* 2 no. 1: 75-78 '66.

SURFACE MEASUREMENT

Determining the surface of broken ore and rock lumps by their projection. E. I. Markenzon. *Fiz. - tekhn. probl. razrab. pol. iskop.* no. 6: 71-77 '65.

SURFACE TENSION

Surface and interface tension of metallurgical melts containing lead. A. V. Vaniukov, V. P. Bystronov, V. A. Zaitsev. *Sbor. nauch. stat. i splav.* no. 41: 396-408 '66.

SURFACE TENSION—MEASUREMENT

Apparatus for measuring the surface tension of liquid metals. K. I. Vashchenko, K. K. Kosmanu. *Zav. lab.* 31 no. 6: 743-745 '65.

SURFACES

Notes on n-dimensional surfaces in projective space. V. T. Bazylev. *Izv. vys. ucheb. zav. mat.* no. 2: 9-19 '66.

SURFACES (TECHNOLOGY)

Determining the actual contact area of two bodies with the aid of carbon films. N. B. Demkin, A. A. Lankov. *Zav. lab.* 31 no. 6: 738-740 '65.

Lashchertsyn, P. I. [Improving the operational properties of polished surfaces] *Povyshenie eksploatatsionnykh svoistv shlifovannykh poverkhnostei*. Minsk, Nauka i tekhnika, 1966, 383 p.

Plastic deformation and the topography of friction surfaces. B. I. Kostetskii, N. F. Kolesnichenko. *Fiz. - khim. mekh. mat.* 2 no. 1: 98-104 '66.

Precision of machined cylindrical surfaces. Iu. B. Erpsher. *Stan. i instr.* 37 no. 4: 5-7 Ap '66.

SURFACES (TECHNOLOGY)—TESTING

Use of styrolacrylic material in taking casts to study surface roughness and wear. L. Iu. Pruzhanskii and others. *Zav. lab.* 32 no. 3: 357-358 '66.

SURGERY

Current problems of blood transfusion in clinical surgery. B. V. Petrovskii and others. *Probl. gemat. i perel. krov.* no. 7: 3-9 '65.

Experience in the use of fibrinolysin in surgical practice. S. E. Iudin, G. V. Andienko. *Khirurgiya* 42 no. 4: 104-108 Ap '66.

Lifespan of Cr-51 labeled erythrocytes of donor's blood in the body of patients following surgery under artificial circulation. E. N. Rumina and others. *Probl. gemat. i perel. krov.* no. 7: 38-42 '65.

Struchkov, V. I. [General surgery] *Obshchaya khirurgiya*. Izd. 2, 2. izd., 1. dop. Moskva, Meditsina, 1966, 501 p. (DNLM)

Surgery and diabetes. V. S. Porosenkov, A. P. Kalinin. *Sov. med.* 20 no. 3: 86-91 Mr '66.

SURGERY—CONGRESSES

Information on the 23d Congress of Surgeons of the U.S.S.R. V. I. Struchkov, A. V. Grigorian, S. V. Lokhvitskii. *Grud. khir.* 8 no. 1: 109-115 Ja-F '66.

SURGERY, OPERATIVE

Diagnosis and surgical treatment of patent ductus arteriosus. F. G. Uglov, L. F. Diachenko, Iu. F. Neklasev. *Khirurgiya* 42 no. 4: 12-20 Ap '66.

New variations of operations in the treatment of patients with the syndrome of vena cava superior. E. V. Potemkina. *Khirurgiya* 42 no. 4: 55-60 Ap '66.

SURGERY, PLASTIC

Alloplasty of the anterior abdominal wall following removal of a large desmoid tumor. E. A. Chekharina. *Vop. onk.* 12 no. 4: 102-103 '66.

Plastic surgery for extensive defects of the thoracic wall using synthetic materials; experimental clinical study. B. A. Polianskii, B. V. Alekseev. *Grud. khir.* 8 no. 1: 105-108 Ja-F '66.

- SURGICAL AND TOPOGRAPHICAL ANATOMY** see Anatomy, Surgical and topographical
- SURGICAL DRAINAGE** see Drainage, Surgical
- SURGICAL INSTRUMENTS AND APPARATUS**
Multibranched apparatus for longitudinal vascular suturing and a new vessel-splitching apparatus for applying anastomosis end-to-side. N. N. Kapitanov, N. P. Petrova, N. V. Urasova. *Khirurgiia* 42 no. 4 135-136 Ap '66.
New instrument for neurosurgical operations. B. A. Smirnov and others. *Vopr. neirokhii* 30 no. 1:52-54 Jan '66.
- SURGICAL PLASTER CASTS** see Plaster casts, Surgical
- SURVEYING**
Egorov, A. P. [Surveying in geophysical prospecting] *Geofizicheskie raboty pri geofizicheskikh razvedkakh* Moskva, Nedra, 1966. 191 p.
[Instruction concerning the construction of a state geodesic network in the U.S.S.R.] *Instruktsiia o postroenii gosudarstvennoi geofizicheskoi seti SSSR*. Izd. 2., ispr. dop. Moskva, Nedra, 1966. 340 p.
- SUSLINS** see subdivision under Ukraine
- SUSPENSION ROOFS** see Roofs, Suspension
- SUSPENSIONS (CHEMISTRY)**
Determining the size of particles in finely dispersed suspensions of polymeric materials. V. I. Solovov and others. *Zav. lab.* 32 no. 3 305-307 '66.
Effect of electrolytes and some reagents on the degree of dispersity and adhesion of clay particles. Kh. M. Aleksandrovich, E. D. Dzuba. *Vestn. AN BSSR, Ser. khim. nav.* no. 4:129-133 '65.
Effect of the nature of surface-active substances, solvents and polymers on the structure formation of rutile suspensions. S. N. Tolstaya, S. S. Mikhailova, A. B. Taubman. *Lakofras mat. i kh. pri.* no. 2:10-14 '66.
Electrophoretic deposition of polymer suspensions. O. G. Us'larov and others. *Koll. zhur.* 28 no. 2 269-294 May-Apr '66.
Studying the structural and mechanical properties of titanium dioxide and zinc oxide modified with sodium oleate. M. G. Solov'ova and others. *Lakofras mat. i kh. pri.* no. 2:24-28 '66.
Using the fluidized bed method for washing and concentration of pigment suspensions. Karoly Polinsky. *Zhur. prikl. khim.* 39 no. 1:225-227 Jan '66.
- SUSPENSIONS (CHEMISTRY)—ELECTRIC PROPERTIES**
Behavior of some polymer suspensions in the electric field. S. Kozlov, A. Pastuslak. *Koll. zhur.* 28 no. 2 239-241 May-Apr '66.
- SUTURES**
Comparative evaluation of suturing the bronchial stump using the Sutt method and the UKL-60 apparatus in pulmonary resection for tuberculosis. N. S. Pilipchuk. *Grud. khir.* 8 no. 1:106-107 Jan '66.
Multibranched apparatus for longitudinal vascular suturing and a new vessel-splitching apparatus for applying anastomosis end-to-side. N. N. Kapitanov, N. P. Petrova, N. V. Urasova. *Khirurgiia* 42 no. 4:135-139 Ap '66.
- SUYFUN VALLEY—COAL GEOLOGY**
Sharudo, I. I. [Composition and conditions governing the accumulation of coal-bearing sediments in the Suyfun basin] *Sostav i uslovia nakopleniia melovykh uglenosnykh otlozhenii Sulfunskogo basseina*. Red. I. N. Zvonarev. Novosibirsk, Nauka, 1965. 71 p.
- SVERDLOVSK—CHEMICAL MACHINERY—MANAGEMENT**
Utilize practice of the leading enterprises of the country. A. Bychkovskii. *Nar. khoz. Kazakh.* 24 no. 1 68-70 Jan '66.
- SVERDLOVSK—EXCAVATING MACHINERY—DESIGN AND CONSTRUCTION**
Open-pit mining excavators made in the Ural Machinery Plant. D. N. Orlov. *Gor. zhur.* no. 4:7-9 Ap '66.
Walking excavators made in the Ural Machinery Plant. V. L. Raskin. *Gor. zhur.* no. 4:9-12 Ap '66.
- SVERDLOVSK—MEASLES—PREVENTIVE INOCULATION**
Reactogenicity and the epidemiological effectiveness of the Leningrad-4 live measles vaccine according to observations in Sverdlovsk. G. D. Gumber and others. *Trudy Len. inst. epid. i mikrobiol.* 28:215-221 '65.
- SVERDLOVSK—SOCIAL GROUP WORK**
A propaganda apartment on Weavers' Street. G. Alekseev. *Agulatur* 34 no. 9:35-38 May '66.
- SVERDLOVSK PROVINCE—AGRICULTURE—AUDITING AND INSPECTION**
Not only inspect, but help as well. P. Rogozinskii, V. Kuratov. *Farm. SSSR* 10 no. 4:62-66 Apr '66.
- SVERDLOVSK PROVINCE—CORN (MAIZE)**
Raising corn as a fallow crop is a way for promoting the growing of winter wheat in Sverdlovsk Province. Z. A. Kol'tsova. *Zemledelie* 26 no. 11:54-57 N '64.
- SVERDLOVSK PROVINCE—MECHANIZATION**
Machine helps to think. I. Vasil'ev. *Okh. zhur. i gaz. strakh.* 8 no. 5:16-18 May '66.
- SVERDLOVSK PROVINCE—WHEAT**
Raising corn as a fallow crop is a way for promoting the growing of winter wheat in Sverdlovsk Province. Z. A. Kol'tsova. *Zemledelie* 26 no. 11:54-57 N '64.
- SVETLICHNOYE REGION (UKRAINE)—PASTURES AND MEADOWS**
Vegetation of the Northern Donets floodplain in the Svetlichnoye region. V. S. Tkachenko. *Ukr. bot. zhur.* 23 no. 2:66-71 '66.
- SVIENTSITS' KYI, ILARION SEMENOVYCH, 1876-1965**
I. S. Svientsits'kyi, 1876-1965. U. I. A. Ildins'ka. *Ukr. ist. zhur.* 10 no. 4:133-135 '64.
- SVISLOCH' DISTRICT—BAKERIES**
Activities and potentialities of a bakery combine. A. Kuznetsov, D. Kul'ko, E. Krasnitskii. *Sov. poish. khoz.* 10 no. 4:11-13 Apr '66.
- SVYATOGORSK (UKRAINE)—SANATORIUMS**
Treatment of chronic bronchitis caused by dust in the Svyatogorsk Antisilicotic Sanatorium. V. V. Lebedeva and others. *Vop. kul. i zhivot. i lek. str. kul.* 39 no. 2:171-172 May-Apr '65.
- SWALLOWS—PARASITES** see Parasites—Swallows
- SWEARING**
Finger in the soup. V. R. Nov. vrem. 23 no. 2:210 May '66.
- SWEDEN—LABOR AND LABORING CLASSES**
Backström, Knut. [History of the labor movement in Sweden, 1902-1917, a political split in the labor movement and the origin of a new revolutionary labor party. Translated from the Swedish] *Istoriia rabochego dvizheniia v Shvetsii (1902-1917), politicheskii raskol rabochego dvizheniia i vozniknoveniie novoi revoliutsionnoi rabochei partii. Predisl. i kommentarii V. V. Pokhlebkina*. Moskva, Progress, 1966. 382 p.
- SWEDEN—SEEDS—DISINFECTION**
Disinfection of seeds in Sweden. K. Kafashnikov. *Zashch. rast.* 11 no. 2:52-53 '66.
- SWEDEN—TRANSPORTATION**
Role of basic transportation types in the night and passenger transportation service in Sweden. V. N. Sergeev. *Vest. LGU* 18 no. 24:95-103 '63.
- SWEET CLOVER** see subdivision under Minsk Province
- SWEET COLTSFOOT—ANALYSIS**
Pharmacognostic study of *Nardosmia laevigata*. V. I. Il'yuzin, T. H. Tkachenko, Farmatsevt. zhur. 20 no. 2:70-74 '65.
- SWIMMING—DICTIONARIES**
Kutli, N. [Terminological dictionary in swimming] *Ujumissporidi oskussjonastik, Tartu, Tartu riiklik ulikool*, 1964. 90 p. [Parallel text in Estonian, Russian, German and English]
- SWIMMING POOLS**
The simplest swimming pool. V. Vishnevskii, Voen. znani. 42 no. 5:44-45 May '66.
- SWINE**
(see also subdivision under Kazakhstan)
Effect of the duration of the suckling period on age-related changes in some blood components of piglets. V. A. Smutlin. *Nauch. dokl. vys. shkoly: biol. nauki* no. 2:50-53 '66.
Phonocardiographic norms and their relation with the electrocardiogram of swine in synchronous recording. G. P. Novoshinov. *Uch. zap. KVI* 92:151-159 '64.
- SWINE—ANATOMY**
Lumbosacral plexus and nerves of the pelvic extremity in domestic swine. Report No. 1. A. F. Ryzhikh. *Uch. zap. KVI* 93:15-21 '64.
Lumbosacral plexus and nerves of the pelvic extremity in domestic swine. Report No. 2. A. F. Ryzhikh. *Uch. zap. KVI* 93:22-29 '64.
- SWINE—DISEASES AND PESTS**
(see also subdivision under Tatar A. S. R. I.)
Change in the blood proteins of swine with various diseases in the dynamics of the infection process. V. A. Narkev. *Uch. zap. KVI* 90:111-114 '61.
Effect of antibiotics and sulfanilamide preparations on the absorption and excretion processes in swine with bronchopneumonia. I. I. Tolstova. *Uch. zap. KVI* 90:55-61 '61.
Evaluating precipitation reaction in agar gel for the laboratory diagnosis of Aujeszky's disease in swine. V. I. Glukhov. *Trudy AZVI* 13:70-76 '61.
- SWINE—FEEDING AND FEEDS**
Age-related differences in the growth of muscle mass and fat deposition in fattening Duroc-Jersey swine for production. N. A. Zavadn. *Uch. zap. Mord. gos. univ.* no. 47:137-142 '65.
Effect on feed composition on the quality of pork and fat. V. Tokaev. *Mosk. mol. skh. inst.* 12 no. 2:58-61 '64.
Problems in the geography of meat production of a commercial basis. K. I. Ivanov. *Vest. Mord. gos. univ. Geogr.* 21 no. 2:28-32 May '66.
Some data on the effective use of the waste of the swine industry in intensive fattening of swine. V. M. I. Uch. zap. KVI 93:160-172 '64.
- SWINE—PHYSIOLOGY**
Absorption, distribution, and secretion of macromolecular organism of healthy swine. I. P. Zavadn. *Uch. zap. KVI* 93:271-274 '61.
Development of the liver in swine during the suckling period. G. M. Stefanova, V. V. Vukhteva. *Uch. zap. KVI* 93:275-281 '61.
Dynamics of quantitative change of monomycin in the milk of swine. I. P. Zavadn. *Uch. zap. KVI* 93:275-281 '61.
- SWINE ERYSIPELAS**
Effect of antibiotics on immunogenesis in experimental swine erysipelas. V. I. Kovalev. *Veterinariia* 47 no. 3:52-53 May '66.
- SWINE ERYSIPELAS—MICROBIOLOGY**
Detecting carriers of intestinal infection in swine. N. Kh. Glukhov. *Uch. zap. KVI* 90:104-105 '61.
- SWINE ERYSIPELAS—PREVENTIVE INOCULATION**
Studying the effectiveness of inhibition of the S91 and erysipelas vaccines. I. I. Tolstova. *Uch. zap. KVI* 90:220-227 '64.
- SWINE HOUSES AND EQUIPMENT—EXHIBITIONS**
Unit for feed distribution. Inform. bul. VPOKh. 10 no. 30 May '66.
- SWITCHING CIRCUITS**
Analysis of aviation parallel switching circuits. V. I. Pluk. *Trudy inst. avtom. i elektron. str.* 10 no. 1:78-81 '61.
Method for analyzing switching circuits. B. V. K. Trudy inst. avtom. i elektron. str. AN SSSR. 10 no. 1:78-81 '61.
Minimization of multiple-output switching circuits. T. M. Tumanov. *Izv. AN SSSR, Tekh. kh.* no. 3:11-14 Apr '65.
Parallel connection of a tunnel diode and an inverter diode in impulse devices. M. I. Andreev. *Trudy Vuzov* 21 no. 4:62-67 Apr '66.
- SYENITE** see subdivision under Azov Sea Region
- SYMBOLIC AND MATHEMATICAL LOGIC** see Logic, Symbolic and mathematical
- SYMMETRY (BIOLOGY)**
Clinical significance of asymmetry of the arteries in cardiovascular diseases. A. F. Sverdlovsk. 20 no. 4:12-16 Apr '66.
- SYMPATHETIC NERVOUS SYSTEM** see Nervous system, Sympathetic
- SYMPATHOLYTIC AGENTS**
Effect of adrenergic and sympatholytic preparations on the changes in primary responses in the vessels of the cortex induced by isergic nifedipine. S. I. Arshinov and others. *Farm. i toks. zh.* 40:400-411 Aug '65.
- SYMPATHOMIMETIC AGENTS**
Determination of adrenaline, noradrenaline, dopamine and dopa in a urine sample. E. Sh. Malina. *Trudy Kiseleva. Probl. endok. i gorm.* 12 no. 2:111-116 May-Apr '66.
Effect of hydrogen sulfide baths on the content of catecholamines in tissues and endocrine glands in experimental atherosclerosis. S. Kh. Kul'ko. *Vopr. fiziologii i lek. fiz. kul't.* 31 no. 1:28-32 '60.
Hypothalamic regulation of the content of catecholamines in the cerebral cortex. N. N. Leonova. *Trudy i izv. [Ukr.]* 12 no. 2:102-107 '66.

TARDAGATAY RANGE—VOLCANIC ASH, TUFF, ETC.

Ash lapilli from the volcanic-sedimentary scales of the Tardagatay Range. I. N. Petrova. Izv. Inst. geol. no. 2, 56-61 M-Ap '66.

TARKHANKUT PENINSULA—GAS, NATURAL—GEOLOGY

Possibility of the existence of karst-coniferous oil and gas reservoirs in Upper Cretaceous carbonate sediments in the Tarkhankut Peninsula. L. I. Aydonina. Trudy MINKHGP no. 56, 116-152 '66.

TARKHANKUT PENINSULA—PETROLEUM GEOLOGY

Possibility of the existence of karst-coniferous oil and gas reservoirs in Upper Cretaceous carbonate sediments in the Tarkhankut Peninsula. L. I. Aydonina. Trudy MINKHGP no. 56, 116-152 '66.

TARTARIAN BUCKWHEAT see subdivision under Kokchetav Province**TASHKENT—AERONAUTICS, COMMERCIAL**

Example of communists. IU. Prkhozko. Gruzhd. av. 22 no. 4, 18 Ap '66.

In sight of the whole plant. B. Bosedin. Gruzhd. av. 22 no. 4, 18-19 Ap '66.

In the name of the main purpose. N. Vakhobov. Gruzhd. av. 23 no. 5, 5 My '66.

TASHKENT—AIRPORTS—VISIBILITY

Industrial smoke and the impairment of visibility at the Tashkent Airport. E. M. Kozik, A. I. Neushkin. Nauch. trudy TashGU no. 259, Fiz. nauk. no. 23, 147-157 '64.

TASHKENT—APARTMENT HOUSES—HEATING AND VENTILATION

Adjusting the heating systems of large-panel apartment houses of the Tashkent Housing Construction Combine. E. A. Ronginskii. Stroitel. arkhit. Uzb. 7 no. 2, 7-9 F '66.

TASHKENT—ATMOSPHERIC TEMPERATURE

Some statistical data on heat waves in Tashkent. D. Kh. Sultkhonov. Nauch. trudy TashGU no. 230, Fiz. nauk. no. 23, 102-108 '61.

TASHKENT—BRICKMAKING MACHINERY

Study of the curve of automatically cut cob bricks. IU. P. Sokolov. Stroitel. arkhit. Uzb. 7 no. 2, 35-36 F '66.

TASHKENT—CONSTRUCTION INDUSTRY

We work according to the scientific organization of labor. Sh. Kungiev, E. Sennozova. Stroitel. arkhit. Uzb. 7 no. 2, 14-16 F '66.

TASHKENT—DESCRIPTION

Bui ikhov, IU. F., and others. [Through the streets of Tashkent] Po ulitsam Tashkenta Tashkent, "Uzbekistan," 1965. 115 p. illus.

TASHKENT—METEOROLOGICAL RESEARCH

Department of atmospheric physics, history of activities for a 40-year period. V. A. Dzhezhiko. Nauch. trudy TashGU no. 259, Fiz. nauk. no. 23, 1-10 '64.

TASHKENT—SMOKE

Industrial smoke and the impairment of visibility at the Tashkent Airport. E. M. Kozik, A. I. Neushkin. Nauch. trudy TashGU no. 259, Fiz. nauk. no. 23, 147-157 '64.

TASHKENT—SOLAR RADIATION

Intensity of direct solar radiation on days with dust haze and on days with maximum visibility over Tashkent. O. A. Llopina, M. V. Sitnikova. Nauch. trudy TashGU no. 259, Fiz. nauk. no. 23, 119-122 '64.

TASTE

Manifestation in secretion values of some principles in the work of the paired reflex arch of enervation. A. I. Vasil'ev. Vop. sav. fiziol. anal. no. 2, 66-81 '66.

TATAR A. S. S. R.—AIRLINES, LOCAL SERVICE

Local lines of one republic. Gruzhd. av. 22 no. 5, 7 S '65.

TATAR A. S. S. R.—ATTORNEY AND CLIENT

When you complain, then complain. . . I. N. Almaliev. Sov. iust. 30 no. 8, 32 Ap '66.

TATAR A. S. S. R.—CATTLE

Judicial practice in compensation for damage caused to collective and state farms by the death of loss of cattle. F. Smoliar, V. Petrov. Sov. iust. 30 no. 8, 20-21 Ap '66.

TATAR A. S. S. R.—CATTLE—DISEASES AND PESTS

Results of the study of leptospirosis in farm animals of the Tatar A. S. S. R. O. A. Kolyev, N. N. Efgrafova, I. N. Ismagilov. Uch. zap. KVI 90, 163-169 '64.

TATAR A. S. S. R.—COMMUNICABLE DISEASES IN ANIMALS

Trends and tasks of experimental and regional epidemiology. K. A. Dorofeev, V. A. Felicagrimov. Uch. zap. KVI 90, 75-82 '64.

TATAR A. S. S. R.—COMRADES COURTS

Strengthen the contact with comrades' courts and keep on helping them. M. Biktimirov. Sov. iust. 30 no. 6, 26-27 Ap '66.

TATAR A. S. S. R.—COURTS

Light against hooliganism is an important task for court organs. M. Khaidullin, A. Levshin. Sov. iust. 30 no. 5, 11-12 Ap '66.

TATAR A. S. S. R.—COURTS—OFFICIALS AND EMPLOYEES

Educate the personnel in the spirit of Leninist adherence to principles and implacability against law breaking. A. Rasov. Sov. iust. 30 no. 6, 6-7 Ap '66.

TATAR A. S. S. R.—DAIRY PLANTS—DESIGN AND CONSTRUCTION

We need help. F. Nizamiev. Zakup. sel'khoz. prod. no. 2, 48 F '66.

TATAR A. S. S. R.—DAMAGES

Judicial practice in compensation for damages caused to collective and state farms by the death of loss of cattle. F. Smoliar, V. Petrov. Sov. iust. 30 no. 8, 20-21 Ap '66.

TATAR A. S. S. R.—DEFENSE (CRIMINAL PROCEDURE)

When you complain, then complain. . . I. N. Almaliev. Sov. iust. 30 no. 8, 32 Ap '66.

TATAR A. S. S. R.—DISTILLING INDUSTRIES—EQUIPMENT AND SUPPLIES

Continuous heat treatment of sugar beets at the Aleksandrovskii Distillery in the Tatar A. S. S. R. M. K. Brigadenko, A. M. Kartashev, G. D. Babkin. Form. i spets. prom. 32 no. 3, 27-29 '66.

TATAR A. S. S. R.—EXECUTIONS (LAW)

Our experience in the carrying out of court decisions. R. Khaidullin. Sov. iust. 30 no. 8, 22 Ap '66.

TATAR A. S. S. R.—FOOT-AND-MOUTH DISEASE

Economic losses caused by foot-and-mouth disease in farm animals. I. Kh. Akhmetzhanov. Uch. zap. KVI 90, 176-178 '64.

TATAR A. S. S. R.—FOREST SOILS

Structure of forest steppe soil complexes of Tatarstan. A. V. Koleskova, L. A. Belonozhko. Nauch. dokl. vyz. shkoly, biol. nauk. no. 2, 201-205 '66.

TATAR A. S. S. R.—GAS WELLS—TESTING

Organization of work on well testing in the Tatar Oil and Gas Prospecting Trust. A. I. Perchik. Burenie no. 4, 22-25 '66.

TATAR A. S. S. R.—GEOLOGY, STRUCTURAL

Petrography and structure of the Yelabuga-Bondyuzhskiy region (Tatar A. S. S. R.) L. P. Popova. Trudy MINKHGP no. 61, 63-70 '66.

TATAR A. S. S. R.—HOODLUMS

Fight against hooliganism is an important task for court organs. M. Khaidullin, A. Levshin. Sov. iust. 30 no. 5, 11-12 Ap '66.

TATAR A. S. S. R.—LAW ENFORCEMENT

For effective procuratorial supervision. I. Khaidullin. Sov. iust. 30 no. 8, 10-11 Ap '66.

Strengthening law and order as one of the tasks of party organs. G. Safin. Sov. iust. 30 no. 8, 3-5 Ap '66.

TATAR A. S. S. R.—LIBRARIES, CHILDREN'S

A rural library's service to children. A. Nikonova. Bibliotekar' 43 no. 4, 38-39 Ap '68.

TATAR A. S. S. R.—NATIONALITIES

Making the Leninist principles of nationality policy a living reality. S. Batyev. Sov. iust. 30 no. 8, 1-3 Ap '66.

TATAR A. S. S. R.—OIL WELLS—TESTING

Organization of work on well testing in the Tatar Oil and Gas Prospecting Trust. A. I. Perchik. Burenie no. 4, 22-25 '66.

TATAR A. S. S. R.—PETROLEUM GEOLOGY

Geological conditions determining the distribution of oil pools in Devonian terrigenous sediments in the Tatar Arch in the Tatar A. S. S. R. and Bashkiria. A. I. Kleshechev, and others. Trudy VNIGNI no. 46, 200-294 '65.

TATAR A. S. S. R.—PETROLEUM INDUSTRY

History of a journey in search of new forms and methods of socialist competition. A. Popov. Neftnik 10 no. 11, 33-34 N '65.

TATAR A. S. S. R.—PETROLEUM PRODUCTION

Petroleum workers of Tataria multiply their work successes. U. Zakharov. Neftnik 11 no. 2-3 Mr '66.

TATAR A. S. S. R.—PETROLOGY

Petrography and structure of the Yelabuga-Bondyuzhskiy region (Tatar A. S. S. R.) Trudy MINKHGP no. 61 63-70 '66.

TATAR A. S. S. R.—PRODUCE TRADE

Harvest and procurement. I. Mukhtarullin. Zakup. sel'khoz. prod. no. 2, 6-7 F '66.

TATAR A. S. S. R.—PUBLIC PROSECUTORS

For effective procuratorial supervision. I. Khaidullin. Sov. iust. 30 no. 8, 10-11 Ap '66.

TATAR A. S. S. R.—REBATES

Solve the problem of trade discounts. R. Butova and others. Sov. iust. 39 no. 2, 41-42 F '66.

TATAR A. S. S. R.—SENTENCES (CRIMINAL PROCEDURE)

Judgment of acquittal. F. Fatkullin. Sov. iust. 30 no. 8, 13-14 Ap '66.

TATAR A. S. S. R.—SWINE—DISEASES AND PESTS

Results of the study of leptospirosis in farm animals of the Tatar A. S. S. R. O. A. Kolyev, N. N. Efgrafova, I. N. Ismagilov. Uch. zap. KVI 90, 163-169 '64.

TATAR A. S. S. R.—WOMEN AS JUDGES

A whole life's work. M. Khannanov, S. Vukotsov. Sov. iust. 30 no. 8, 29-30 Ap '66.

TATAR LANGUAGES see Turkic languages**TATAR LITERATURE—HISTORY AND CRITICISM**

Biography of a literature. R. Bikmukhametov. Vop. lit. 9 no. 11, 200-205 N '65.

TAT'IANICHEVA, LIUDMILA KONSTANTINOVNA

Reserve of cordial warmth. A. I. Mikhailov. Nov. ml. 12 no. 3, 249-251 Mr '66.

TATUR, SERGEI KUZ'MICH

Professor S. K. Tatur, honored scholar of the R. S. F. S. R. Bukig uch. no. 3, 79-80 Mr '66.

TAUTOMERISM

Correlation of tautomeric equilibrium of α -substituted acetacetic esters with polar constants of substituents. S. T. Ioffe, M. I. Kahachnik. Izv. AN SSSR, Ser. khim. no. 4, 762-761 '66.
Tautomerism of 5-Aminotetrazole. Part 3: Methylation of acetyl derivatives of 5-aminotetrazoles. V. P. Shchepanov. Zhur. org. khim. 2 no. 2, 356-359 F '66.
Tautomerism of 5-aminotetrazole. Part 4: Structure of disulfamides of 2-methyl-5-aminotetrazole. V. P. Shchepanov, I. A. Postovskii. Zhur. org. khim. 2 no. 2: 360-364 F '66.

TAVRICHESKOYE (EAST KAZAKHSTAN PROVINCE)—FEEDING

First success. N. Shumskii. Zakup. sel'khoz. prod. no. 2, 47 F '66.

TAX ACCOUNTING see subdivision under Kemerovo Province**TAXATION**

[Taxes and collections from the population of the U. S. S. R.] Nalogi i sbory s naseleniia SSSR. Moskva, Finansy, 1964. 125 p. tables. (NNC)

TAXICABS

(see also subdivision under Sochi)
Cross returns and not a paid trip. I. Tikhonov. Avi. transp. 44 no. 3, 33 Mr '66.
Special-purpose taxicabs. N. Iur'ev. Avi. transp. 44 no. 3, 40-42 Mr '66.

TAYMYR NATIONAL AREA—RURAL CONDITIONS

Let the new way of life pass. O. tundrai V. Konstantinov. Agitator 34 no. 9, 32-34 My '66.

TEA see subdivision under Batum region; Makharaadze District**TEA—DISEASES AND PESTS**

Effect of radiation on biological properties of the causative agent of bacterial tea plant cancer. G. A. Tshosani. Radiobiologiya 6 no. 2, 323-325 '66.

TEACHER-FILMERS AND MANURES

Complex of machine for growing and harvesting tea. G. M. Gordziani, T. A. Chichashvili, N. G. Lordkipanidze. Trakt i sel'khoz. mash. no. 5:34-35 Mr '66.

Production of tea. Complex of machine for growing and harvesting tea. G. M. Gordziani, T. A. Chichashvili, N. G. Lordkipanidze. Trakt i sel'khoz. mash. no. 5:34-35 Mr '66.

TEA MACHINERY

Complex of machine for growing and harvesting tea. G. M. Gordziani, T. A. Chichashvili, N. G. Lordkipanidze. Trakt i sel'khoz. mash. no. 5:34-35 Mr '66.

TEACHER-STUDENT RELATIONSHIPS

Teacher and student relationships. V. Kantserovich. Sem'ia i shkola 21 no. 3:34-35 Mr '66.

TEACHERS

Her work serves as an example for other teachers. D. Ryabchenko. Rad. shk. 44 no. 3:100-101 Mr '66.

With love in her heart. I. P. Kuz'menko. Rad. shk. 44 no. 2:52-54 F '66.

TEACHERS—LEGAL STATUS, LAWS, ETC.

Legal status of teachers concerning the reinstatement of discharged teachers to their former positions. P. Ivanov. Rad. shk. 44 no. 3:29-30 Mr '66.

TEACHERS, TRAINING OF

Department's of pedagogical institutions of higher learning and the schools. O. M. Tkachenko. Rad. shk. 44 no. 4:39-41 Ap '66.

High theoretical level is of the greatest importance (from the seminar for the workers of the agricultural institutions of higher learning). A. I. Kornev, K. E. Trufanova. Vest. vys. shkoly 24 no. 3:40-43 Mr '66.

Let's investigate what is most important and carry out what is most efficient. M. M. Hryshchenko, A. D. Bondar. Rad. shk. 44 no. 3:19-22 Mr '66.

TEACHING

Along the road of creative search. M. A. Leskevych. Rad. shk. 44 no. 3:32-35 Mr '66.

Developing the ingenuity of students in class. I. A. Burlaka. Rad. shk. 44 no. 2:47-49 F '66.

Let's search, investigate, and experiment. B. I. Stepanyshyn. Rad. shk. 44 no. 2:22-25 F '66.

Listening to the voice of our readers. Sem'ia i shkola 21 no. 2:32-34 F '66.

Role of questions in the educational process. I. I. Rodak. Rad. shk. 44 no. 3:23-32 Mr '66.

TEACHING—CONGRESSES

Conference on the theory and practice of teaching mathematics and physics. T. I. A. Nesterenko. Rad. shk. 44 no. 2:107-109 F '66.

TEACHING MACHINES

Optimal working conditions for automatized classrooms. V. A. Bielebo. Rad. shk. 44 no. 2:37-40 F '66.

Our automatized classroom. V. I. Tul'chik, I. S. Matyushko, I. U. O. Nemerych. Rad. shk. 44 no. 3:51-60 Mr '66.

Probability model of programmed teaching. A. M. Dovgiallo. Izv. AN SSSR Tekh. kib. no. 3:198-202 My-Je '65.

TECHNICAL ASSISTANCE, WEST GERMAN see subdivision under India, Underdeveloped Areas

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION

(see also subdivision under Armenia)

Let's inculcate the new methods in an organized way. A. M. Eremin. Vest. vys. shkoly 24 no. 3:28-30 Mr '66.

Let's train the future engineers for creative activity. Z. V. Pushkareva. Vest. vys. shkoly 24 no. 4:6-8 Ap '66.

Nikolaevskii, G. K., P. V. Panov, and G. L. Taukach. [Use of motion pictures in instruction and research in technical institutions of higher learning] Kinofikatsia uchebno-nauchnogo protsessa v tekhnicheskikh vuzakh. Khar'kov, Khar'kovskii universitet, 1965. 70 p.

Some principal problems concerning the content and method of the dissemination of technical information in community centers. A. V. Sasykhov. Trudy VSEI no. 1:96-135 '62.

Standardized project is not for copying. N. K. Zakharov, A. E. Lopatko. Vest. vys. shkoly 24 no. 3:33-35 Mr '66.

We need specialists on the economic basis of technology. V. G. Chirkov. Vest. vys. shkoly 24 no. 4:21-23 Ap '66.

What comprises the economics education in technical institutions of higher learning. T. P. Glek. Vest. vys. shkoly 24 no. 4:17-21 Ap '66.

TECHNICAL LIBRARIES

One-sided attitudes. N. Veichshchiglin. Bibliotekar' 43 no. 4:22-26 Ap '66.

TECHNICAL SOCIETIES

(see also subdivision under Kharkov, Leningrad Province)

Continual of the Russian Technical Society. N. Filippov. NTO no. 4:50-53 Ap '66.

TECHNICIANS IN INDUSTRY see subdivision under West Siberian Economic region

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Kazakhstan, Krasnodar; Leningrad, Sumy)

At the Exhibition of the Achievements of the National Economy. G. G. Mirzabekov. Mekh. i avtom. prozv. 20 no. 4:27-30 Ap '66.

Brief news. Prirodo. 9 no. 1:75 Ja '66.

Fourth All-Union Public Inspection of the Fulfillment of the Plans for Research Work and the Introduction of the Achievements of Science and Technology in the National Economy. Zhil. stroit. no. 4:30 '65.

Gold medal awarded to a member of the scientific technological society. I. S. Gurevich, A. D. Platonova. Mashinostroitel' no. 4:31 Ap '66.

In a workshop, on a farm and in a field. Okhr. truda i sots. stroit. 9 no. 5:10-21 My '66.

In the U.S.S.R. Prirodo. 9 no. 1:66-68 Ap '61.

In the U.S.S.R. Prirodo. 9 no. 1:67-69 Ja '66.

Innovators suggest. Transp. stroit. 15 no. 8:50 Ap '65.

New exhibits at the Exhibition of the Achievements of the National Economy. NTO no. 4:16-47 Ap '66.

Open letters. NTO no. 4:38-39 Ap '66.

Organization of the Fourth All-Union Public Review of the Fulfillment of the Plans for Scientific Research Work and Application of Achievements of Science and Technology in the National Economy. Kauch. i rez. 24 no. 3:53-54 Mr '65.

Readers' rostrum. NTO no. 4:44-45 Ap '66.

Science and technology; brief notes. NTO no. 4:40-41 Ap '66.

Stoliarov, R. S. [Young designers and technological creative activity] Iunye konstruktory i tekhnicheskoe tvorchestvo. Moskva, DOSAAF, 1966. 129 p.

TECHNOLOGICAL INNOVATIONS—FINANCE see subdivision under Bulgaria

TECHNOLOGY

Reserves of technology. V. Kononenko and others. Tekh. i vooruzh. 24 no. 2:30-43 F '66.

Vainshteyn, B. S. [Scientific and technical progress and the improvement of economic efficiency in construction] Nauchno-tekhnicheski progress i povysheniye ekonomicheskoy effektivnosti v stroitel'stve. Moskva, Ekonomika, 1964. 189 p.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—INFORMATION SERVICES

(see also subdivision under Armenia; Latvia)

Important condition of scientific and technological progress. NTI no. 3:3 '66.

Improvement of the structure of offices of technical information. O. E. Buryi-Shmar'yan. NTI no. 1:9-15 '66.

Information center. K. A. Nikolaev. Mekh. i avtom. prozv. 20 no. 4:31-32 Ap '66.

Role of information service in a large industrial enterprise. D. T. Sakholkov. NTI no. 2:5-6 '66.

TECHNOLOGY—PHILOSOPHY

Science, technology, and society. P. Smirnov. Mol. komm. no. 2:82-88 '65.

TECHNOLOGY—TERMINOLOGY

Requirements of scientific and technical terms. E. A. Natanson. NTI no. 1:23-25 '66.

Translation of new scientific and technical terms. B. P. Merkov. NTI no. 1:19-22 '66.

TECHNOLOGY AND CIVILIZATION

Antonova, O. A. [Technical progress and religion] Tekhnicheskii progress i religia. Moskva, Izd-vo "Znanie," 1966. 48 p. (Novoe v zhizni, nauke, tekhnike. XII Seriya. Estestvoznaniye i religiya, no. 1) Man is most important. A. Ginevskii. Nov. mir 42 no. 2:274-277 F '66.

The role of technological progress in the development of socialist nationalities in the U.S.S.R. M. S. Rosenko. Vest. LGU 21 no. 5:81-94 '66.

TELECOMMUNICATION

(see also subdivision under Poland)

Combine man-machine management with the possibilities of the collective in production management. V. P. Chukovich. Vest. svyazi 26 no. 1:11 Ja '66.

Creation of a consolidated automated telecommunication network. Radio no. 3:3-5 Mr '66.

Economic reform in telecommunication. V. A. Khova. Vest. svyazi 26 no. 1:1-2 Ja '66.

Evaluation of the accuracy and reliability of information transmission using analog wide-band digital systems with presence of fluctuation noise. A. I. Ikonnikov. Tekhnika 21 no. 4:1-9 Ap '66.

An event of great historical significance. Elektronsvazi 20 no. 3:1-2 Mr '66.

Filtering capability of an automatic phase frequency control system. B. I. Shukhtin. Elektronsvazi 20 no. 2:31 Ap '66.

In honor of the 23d Congress of the CPSU. Vest. svyazi 26 no. 2:6-8 '66.

Principal statistical characteristics of a synchronous channel. V. I. Pikhonov. Elektronsvazi 20 no. 4:12-14 Ap '66.

Raising work quality and operational indices in telecommunication enterprises. V. K. Komarov. Vest. svyazi 26 no. 2:1-5 F '66.

Schematic of the filter of the control network of a matter transmission level regulator in telecommunication broadcasting channels. B. I. A. Gerasimov. Vest. svyazi 26 no. 1:56-63 Ap '66.

Technological progress and radio electronics skill. Radio no. 3:1-3 Mr '66.

Use of network scheduling in the construction of telecommunication systems. V. I. Maksimov. Vest. svyazi 26 no. 1:7-9 Ja '66.

TELECOMMUNICATION—ABSTRACTS

[Radio engineering and telecommunication] in Russian. Radiotekh. i elektronsvazi no. 3-4 Mr-Apr '66.

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

TELECOMMUNICATION—EMPLOYEES

Expand the competition of telecommunication enterprises in honor of the 23d Congress of the CPSU. A. V. Kamareva. Vest. svyazi 26 no. 1:3-1 Ja '66.

For high quality in work. V. V. Burmanov. Vest. svyazi 26 no. 1:29-30 Ja '66.

Getting to know economics. S. G. Volkov, I. I. Iakovlev. Vest. svyazi 26 no. 1:9-12 Ja '66.

TELECOMMUNICATION—FINANCE

Capital repair of communication systems under existing conditions. A. I. Korotin. Vest. svyazi 26 no. 1:3-5 Ja '66.

Income and profitability of a district communication center. M. F. Tumanov. Vest. svyazi 26 no. 3:1-2 F '66.

TELECOMMUNICATION—MANAGEMENT

Industry of the Ministry of Communication is getting ready for reform. A. N. Arutunov. Vest. svyazi 26 no. 1:4-5 Ja '66.

TELECOMMUNICATION—NOISE

Evaluation of the noise characteristics of electrical communication circuits. I. V. Sukhodov. Elektronsvazi 20 no. 4:12-50 Ap '66.

TELEGRAPH

(see also subdivision under White Russia)

Methods for increasing the accuracy of telegraph transmission. P. A. Naumov. Vest. svyazi 26 no. 1:15-16 F '66.

TELEPHONE

(see also subdivision under Moscow)

Efficient use of long-distance telephone communication lines. V. I. Ostrova. Vest. svyazi 26 no. 2:7-8 F '66.

Problems of the construction of communication systems with pulse-code modulation. V. M. Shitov. Elektronsvazi 20 no. 3:17-25 Mr '66.

Use of house exchange systems in organizing telecommunication in rural areas. M. F. Kojin, A. I. Maikovskii, M. N. Piskor. Vest. svyazi 26 no. 1:21-23 Ja '66.

TELEPHONE—EMPLOYEES see subdivision under Saratov

TELEPHONE—EXHIBITIONS

Modern communication equipment of district links. Vest. svyazi 26 no. 2:20-31 F '66.

TELEPHONE—FINANCE

Increase the profitability of municipal telephone networks. V. I. Zasyukin. Vest. svyazi 26 no. 1:15-16 Ja '66.

TELEPHONE, AUTOMATIC

Program control unit of an electronic automatic telephone exchange with 1000 number capacity. N. S. Bagintseva, V. E. Vailushenich. Tekhn. osvzav' 20 no. 1:61-72 Ap '66.

TELEPHONE LINES

Continuing the discussion on coil loading. S. A. Kalinina, I. R. Khodorov. Avtom. telemekh. svyazi 10 no. 3:37-38 Mr '66.

TELEPHONE LINES—MAINTENANCE AND REPAIR

How to maintain the cable network. N. M. Petrukhin. V. S. Rayshin. Avtom. telemekh. svyazi 10 no. 3:33-35 Mr '66.

TELEPHONE STATIONS

High-frequency equipment for switching primary, secondary, and tertiary groups in multichannel long-distance communication systems. N. M. Dmitriyev and others. Vest. svyazi 26 no. 1:17-20 Ja '66.

TELEPHONE STATIONS—CURRENT SUPPLY

Electric power supply of the attended repeater stations of long-distance cable lines. V. I. Smirnova. Avtom. telemekh. svyazi 10 no. 3:9-11 Mr '66.

TELESCOPE, REFLECTING

Aid to amateurs in constructing telescopes. A. N. Podtshapoval'skiy. Zem. i vesol. 2 no. 2:70-72 Mr-Apr '66.

TELETYPE

Ivanov, A. I., A. A. Panteleenko, and E. L. Samoilov. [Construction and operation of T-51 and T-53 teletype machines]. Ustroystvo i ekspluatatsiya telegrafnykh apparatov T-51 i T-53. Moskva, Svyaz', 1965. 210 p.

TELETYPE—RELIABILITY

Evaluation of the operational reliability of teletypewriters. M. E. Kogan, N. F. Genkina. Tekhn. osvzav' 20 no. 1:73-78 Ap '66.

TELEVISION

Brief news. Tekhn. kino i telev. no. 4:98 Ap '66.

Effect of television screens on some functions of the optic analyzer. I. L. Zvereva. Fiziol. zhur. [Ukr.] 10 no. 6:815-818 N-D '64.

TELEVISION—ABSTRACTS

Abstracts. Tekhn. kino i telev. no. 4:81-81 Ap '66.

TELEVISION—EXHIBITIONS

Today the television and radio apparatus are the best. V. Kozichkin. Inform. biol. VDNKh no. 3:36 Mr '66.

TELEVISION—RECEIVERS AND RECEPTION

Automatic vertical sweep adjustment. I. A. Kulichnev. Radio no. 3:28-29 Mr '66.

Dubinskii, L. M. [Power supply units of television receivers]. Blok planiya televizionnykh priemnikov. Izd. 2., stereotipno. Moskva, Svyaz', 1966. 79 p. (Biblioteka "Televizionnyi priem," no. 28)

Improvement of interlaced scanning. N. Zubchenko. Radio no. 3:20 Mr '66.

Improvement of UNT-47 and UNT-50 television receivers. A. I. Uker. Radio no. 3:25-27 Mr '66.

TELEVISION—TRANSMITTERS AND TRANSMISSION

Measurement and regulation of amplitude-frequency characteristics of TTR-5/2, 5 kw. television radio stations. A. M. Lokshin. Vest. svyazi 26 no. 1:23-25 Ja '66.

TELEVISION AND CHILDREN

Attention! Moscow is on the screen. V. Magidov. Sem'ia i shkola 21 no. 2:20-21 F '66.

TELEVISION BROADCASTING

Improvement of sound accompaniment in television. I. U. F. Prelo. Tekhn. kino i telev. no. 4:68 Ap '66.

TELEVISION BROADCASTING OF FILMS

Films for color television. Tekhn. kino i telev. no. 4:95 Ap '66.

Use of 35 mm positive motion-picture films with magnetic sound track. I. U. S. Leont'ev. Tekhn. kino i telev. no. 4:65-69 Ap '66.

TELEVISION CAMERAS

Systems for the automatic adjustment of sharpness in television cameras. G. I. Bialik, B. S. Timofeev. Tekhn. kino i telev. no. 4:12-16 Ap '66.

TELEVISION IN LEGAL EDUCATION

"Man and law," a television series. V. Tokarev. Agitator 31 no. 9:37 My '66.

TELEVISION INDUSTRY—MANAGEMENT

see subdivision under Moscow

TELEVISION MEASUREMENTS

Measurement of pattern distortion on television screens. A. I. Khazin, A. A. Kurmit. Tekhn. kino i telev. no. 1:17-22 Ap '66.

Synthesis of optimum television systems. L. I. Khramov, V. I. Resin. Tekhn. kino i telev. no. 1:7-11 Ap '66.

TELEVISION PICTURE TUBES

High-sensitivity 11-412 vidicon. A. G. Lapuk, O. A. Timofeev, I. N. Chepurin. Tekhn. kino i telev. no. 4:3-8 Ap '66.

TELLURIDES

Oboionchik, V. A., and G. V. Lashkarov. [Selenides and tellurides of rare-earth metals and the actinides]. Selenidy i teluridy redzozemnykh metallov i aktinoidov. Kiev, Naukova dumka, 1966. 161 p.

Synthesis and properties of the chalcogenotellurides and iodotellurides of chromium. S. S. Baisanov, L. M. Doronina. Izv. AN SSSR, Neorg. mat. 2 no. 3:491-494 Mr '66.

TELLURITES

Mechanism of the electrode reduction reaction of a tellurite ion on a dropping mercury electrode. L. B. Ryznik, P. N. Kovalenko. Zhur. fiz. khim. 40 no. 2:189-192 F '66.

TELLURIUM

Thorough purification of tellurium by rectification. V. N. Chermashin, I. V. Kozlov, L. G. Povedskaya. Zhur. fiz. khim. 40 no. 3:528-537 Mr '66.

TELLURIUM ALLOYS—ELECTRIC PROPERTIES

Conductance and viscosity of melts in the systems Bi-Se, Bi-Te, Sb-Te, V. M. Glazov, A. N. Kresovnikov, N. N. Gлаголева. Izv. AN SSSR, Neorg. mat. 2 no. 3:153-160 Mr '66.

TELLURIUM COMPOUNDS

Composition and stability of the iodotellurite complex. V. I. Murashova. Zhur. anal. khim. 21 no. 3:345-349 '66.

TELLURIUM ELECTRODES

see Electrodes, Tellurium

TELLURIUM-LIQUID ANTIMONY ALLOYS

Liquid antimony-tellurium alloys

TELUGU LANGUAGE—ATTRIBUTION

Word combinations such as "modified attribute" in Telugu. S. I. A. Dzenit. Krat. soob. Inst. nar. Az. no. 62:127-143 '64.

TEMPERATURE

see subdivision under Alakol' Lakes; Neva River

TEMPERATURE—EFFECT ON ELECTRODES

Electrodes, Effect of temperature on

TEMPERATURE—EFFECT ON MAGNESIUM FERRATES

see Magnesium ferrates, Effect of temperature on

TEMPERATURE—EFFECT ON METALS

see Metals, Effect of temperature on

TEMPERATURE—EFFECT ON PLANTS

see Plants, Effect of temperature on

TEMPERATURE—EFFECT ON STEEL

see Steel, Effect of temperature on

TEMPERATURE—MEASUREMENT

Experimental study of the temperature field of a flame using an electric probe. S. B. Benilov, G. G. Riabitsv, I. V. Tomilakova. Trudy MIT no. 221:117-121 '66.

TEMPERATURE—PHYSIOLOGICAL EFFECT

Effect of sun and temperature on the change in manganese content in various rat organs. L. S. Klemshova. Uzb. biol. zhur. 10 no. 1:31-34 '66.

Effect of temperature on the infestation of carps with Elmeria carpelli Leger of Stankovitsch, 1921. E. I. Zmerzalska. Zool. zhur. 45 no. 2:305-308 '66.

Evolutionary aspects of thermolability in the development of insects. B. M. Mednikov. Usp. sovr. biol. 61 no. 2:247-259 Mr-Apr '66.

TEMPERATURE FIELDS

Determination of nonsteady-state temperature fields of an infinite plate when the temperature of one of the edges is given. N. N. Karkuzashvili, I. G. Kozubovskaya. Ukr. mat. zhur. 18 no. 2:138-141 '66.

Effect of a temperature field on the stability of liquid flow between rotating cylinders. V. K. Shchukin. Inzh. - fiz. zhur. 10 no. 3:357-362 Mr '66.

Marchenko, V. M. [Temperature fields and stresses in aircraft structures]. Temperaturnye polia i napilazhenia v konstruktsii letatel'nykh apparatov. Moskva, Mashinostroyeniye, 1965. 208 p.

Local-state temperature distribution in weak supercritical mixtures of He³-He⁴. T. P. Rubina. Uzb. fiz. zhur. 11 no. 3:305-312 Mr '66.

Temperature conditions in the face area of a gas-containing coal seam are one of the criteria for evaluating the behavior of coal rock. V. G. Tureshchenko, V. I. Zhuravlenko. Ugol'nyi 10 no. 4:12-13 Ap '66.

Two-dimensional temperature field of a semiconductor thermoelectric battery. M. R. Pivvin, A. F. Chudnovskii. Inzh. - fiz. zhur. 10 no. 2:252-257 F '66.

TEMPERATURE FIELDS—MEASUREMENT

Automatic measurement of temperature fields and humidity in the boundary layer. G. V. Shantyr'. Inzh. - fiz. zhur. 10 no. 3:321-325 Mr '66.

TEMPERATURE REGULATORS

Automatic regulation of temperature in thermostats during the polymerization of plates and blocks. E. F. Akulov. Fiz. - tekhn. probl. razrab. pol. iskop. no. 1:102-103 '66.

Automatic temperature regulation in confectionery ovens with infrared heating. L. L. Sobol'. Khim. i kond. prom. 10 no. 4:10-21 Ap '66.

Multichannel programming device for assignment setting in temperature regulators in the synthesis of Jacques' resin. I. U. P. Zolkin, V. T. Mokilak. Lako-kras. mat. i tekhn. no. 2:60-63 '66.

Studying the indirect control of periodical action digesters with direct heating and P (proportional) negative feedback. I. S. Podbello. Trudy LITISBP no. 18:135-146 '65.

Studying the indirect control of periodical action digesters with direct heating and PI (proportional-integral) negative feedback. I. S. Podbello. Trudy LITISBP no. 18:147-169 '65.

TEMPERING

Effect of the tempering temperature on property changes of austenite decomposition products in the intermediate and martensite ranges. A. A. Sazonova. Metalloved. i term. obr. met. no. 6:25-28 Je '65.

TENCH

Biatochemical study of alkaline phosphatase activity in the intestines during the absorption of fats. F. Kh. Khalilov, V. M. Inushin. Izv. AN Kazakh SSR, Ser. biol. nauk 2 no. 5:77-82 S-O '64.

TEN'GUSHEVO DISTRICT—MONEY

Bank work on currency circulation. I. Novikov. Den. i kred. 24 no. 4:52-54 Ap '66.

TENSOMETERS

Checking the sensing element of a strain gauge for fitness. N. L. Mukhin. Zav. lab. 31 no. 5:628-629 '65.

TENSIMETRY

Vaks, E. L. [Measurement of yarn tension]. Izmerenie natiashchenia nitel. Moskva, Legkaya industriya, 1966. 230 p.

TERBIUM

Effect of small additions of terbium on magnetostriiction in yttrium ferrite-garnet. K. P. Belov, V. P. Kisilevich, V. I. Sokolov. Pis'ma v red. Zhur. eksper. i teoret. fiz. 3 no. 8:329-333 Ap '66.

TERBIUM CRYSTALS—MAGNETIC PROPERTIES

Magnetic anisotropy of terbium single crystals. K. P. Belov, I. U. V. Ergin, Zhur. eksper. i teoret. fiz. 50 no. 3:560-564 Mr '66.

TEREK VALLEY—ROCKS—THERMAL PROPERTIES

Heat flow in the western part of the Terek-Kura Trough. G. M. Sukharev, S. P. Vlasov. Geol. nefi i gaz 10 no. 4:53-57 Ap '66.

TEREPHTHALIC ACID

Study of oriented polyethylene terephthalate films by means of nuclear magnetic resonance. L. G. Kazarian, I. A. G. Urman, Zhur. strukl. khim. 7 no. 1:54-59 Ja-F '66.

TERNOPOL'—BATHS, MOOR AND MUD

Ternopol' peat mud and its practical use in therapeutics. V. V. Apostoluk, K. A. Apostoluk, Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 1:81-82 '66.

TERRESTRIAL MAGNETISM

see Magnetism, Terrestrial

TESTICLE

Age-related functional changes in the body under the effect of antiovarian and antitesticular cytotoxic sera. I. U. O. Spasokukots'kiy. Fiziol. zhur. [Ukr.] 10 no. 6:709-719 N-D '64.

TESTICLE (Continued)

Changes in rum, functional and biochemical indices in the testicles of animals under the effect of three centimeter radio waves. S. I. Il'orodets'ka, M. I. Kerova. Fiziol. zhur [Ukr.] 12 no. 2 249-253 '66.

Changes in the structure of testes in white rats under the effect of large doses of antipneumonia prophylacticum. T. M. Zelen'sha. Fiziol. zhur [Ukr.] 19 no. 6 722-733 '66.

TESTICLE—ABNORMALITIES AND DEFORMITIES

Results of surgical treatment of cryptorchidism in adults. N. V. Stankevich. Urol. i nefr. no. 4 49-53 '65.

TESTICLE—ANATOMY

Age-related morphology of the testis in sheep. N. P. Shahtorostova. Trudy AZVI 13 262-270 '64.

TESTICLE—HERNIA

Surgical treatment of intravaginal hernias in boars. A. V. Dubrovskii. Veterinarika 42 no. 3 78-80 Mr '66.

TESTICLE—INFLAMMATION

Effect of γ -ray irradiation on the development of orchitis in rabbits and the quality of antigen used in the immobilization reaction for *Treponema pallidum*. L. D. Butovskii. Zhur mikrobiol. i epid. i immun. 43 no. 3 131-134 Mr '66.

TESTING MACHINES

Automatic device for programmed loading of type VU machines. B. Ia. Sichodzinuk. Zav. lab. 31 no. 6 755-756 '65.

Effect of the type of testing machine on the strength characteristics of titanium alloys at increased gripping velocities. P. F. Rodyskin, A. I. Kosyrev. Zav. lab. 32 no. 3 364-365 '66.

Increasing the cyclic excitation power in hydrobrake tests. I. E. Tiablikov. Zav. lab. 31 no. 7 883-885 '65.

Machine for measuring the deformation of a specimen in short-term heat resistance tests. N. M. Pul'tsin, V. A. Larionov. Za. lab. 31 no. 7 885-886 '65.

Machine for testing materials for abrasive wear due to dynamic loads. I. V. Petrov. Za. lab. 32 no. 3 361-363 '66.

New device for luminescence and colorimetric analysis. L. N. Kuz'menko and others. Zav. lab. 31 no. 6 760-762 '65.

Setup for programmed low-cycle low-frequency loading. G. Z. Zaitsev. Zav. lab. 31 no. 5 614-615 '65.

Use of the universal tensile strength testing machine in testing polymers under fixed load. I. N. Novikov. Plast. massy no. 4 68-69 '66.

TETANUS

Purification of tetanus antitoxin with activated carbon. B. Blasko, G. Dimashova. Vop. med. khim. 11 no. 3 93-95 My-Je '65.

TETANUS—PREVENTIVE VACCINATION

Study of immune reactions in elderly persons. S. Virag, I. Koccar. Zhur mikrobiol. i epid. i immun. 43 no. 3 89-103 Mr '66.

TETRACORALLA see subdivision under Tien Shan

TETRACYCLINE—PHYSIOLOGICAL EFFECT

Changes in the phagocytic reaction and in the organs of the reticuloendothelial system in white mice following use of tetracycline. T. F. Koshik. Bul. eksp. biol. i med. 61 no. 2 72-75 '66.

TEXTILE FABRICS

New lined and multiply materials with polyurethane for clothing and footwear. Report No. 1. L. V. Myshlitsyn, S. I. Rubina. Nauch.-issl. trudy VNIPIK no. 15 73-80 '64.

TEXTILE FABRICS—GRADING AND STANDARDIZATION

The price lists are new, but the mistakes are old. K. Maryshev and others. Sov. tog. 39 no. 2 52-53 '66.

TEXTILE FABRICS—PRICES

The price lists are new, but the mistakes are old. K. Maryshev and others. Sov. tog. 39 no. 2 52-53 '66.

TEXTILE FABRICS—TESTING

Continuous line for the inspection and discarding of ready fabrics. N. Tamulaitenc. Tekst. prom. 26 no. 1 72-73 Ap '66.

Device for determining the unevenness of fabric filling. A. Piatkova, K. Voskandan. Prom. Arm. 7 no. 4 46-47 Ap '64.

TEXTILE FIBERS—TESTING

Shrinkage of staple wool and synthetic fibers. L. Lavitski, E. I. Birnbaum. Tekst. prom. 26 no. 4 73-75 Ap '66.

TEXTILE FIBERS, SYNTHETIC

Bulges on slon fibers. I. U. Koneh, V. Komanitskii. Khim. volok. no. 2 38-40 '66.

Characteristics of the technology for the processing of fluffy bulked yarn in the knit goods industry. L. S. Smirnov. Tekst. prom. 26 no. 4 44-47 Ap '66.

Fibers manufactured from a blend of polypropylene with poly-2-vinyl pyridine. R. A. Bychkov, M. P. Zverev. Khim. volok. no. 2 16-18 '66.

Graft of vinyl monomers on polyolefin fibers without their prior activation. I. U. A. Kostrov, N. L. Solovskaya. Khim. volok. no. 2 25-29 '66.

Growing cooperation between chemists and textilemakers. Tekst. prom. 26 no. 4 92-93 Ap '66.

Knit goods made from blended wool-nitron yarn. I. A. Lipkov, V. N. Savina. Tekst. prom. 26 no. 1 47-50 Ap '66.

Plakarov, I. V. [Filter materials made from glass and synthetic fibers]. Fil'trovai'nye materialy iz steklannykh i khimicheskikh volokon. 2. Izd. perer. i dop. Moskva, Legkata Industriia, 1965. 108 p.

Soviet-made polyacrylonitrile fibers. N. V. Demina, Z. S. Bunareva. Tekst. prom. 26 no. 4 24-28 Ap '66.

Use of synthetic fibers and problems of economics. N. M. Golubev. Tekst. prom. 26 no. 4 12-14 Ap '66.

Use of synthetic fibers in paper manufacture. N. P. Pereklad'skii, L. N. Antonovich. Trudy LITIStP no. 18: 12-20 '65.

TEXTILE FIBERS, SYNTHETIC—ELECTRIC PROPERTIES

Effect of antisilates on lavsan and nitron. T. G. Ternieva, N. A. Borodovskii. Tekst. prom. 26 no. 4 28-30 Ap '66.

TEXTILE FIBERS, SYNTHETIC—TESTING

Effect of thermoplasticizing draft on the strengthening and waterproofing of polyvinyl alcohol fibers. L. A. Vol'f and others. Khim. volok. no. 2 20-32 '66.

Theoretical and obtainable elastic and strength properties of synthetic fibers. K. E. Perepelkin. Khim. volok. no. 2 3-13 '66.

TEXTILE FINISHING

Effect of the alkali treatment conditions on some properties of acetate yarn. B. Kudrene. Tekst. prom. 26 no. 4 54-59 Ap '66.

New developments in the manufacture of shrinkproof fabrics. L. G. Kleenkina, A. I. Rodin. Tekst. prom. 26 no. 4 70-71 Ap '66.

TEXTILE INDUSTRY

(see also subdivision under India; Leningrad; Leningrad; Moscow, Soviet Central Asia)

Socialist obligations assumed by the collectives of synthetic fiber enterprises in honor of the 23d Congress of the CPSU. Khim. volok. no. 2 76-78 '66.

Use of synthetic fibers and problems of economics. N. M. Golubev. Tekst. prom. 26 no. 4 12-14 Ap '66.

TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Shuya)
Provide the textile industry with high-quality synthetic fibers and materials. P. P. Mikhailenko. Tekst. prom. 26 no. 4 5-7 Ap '66.

TEXTILE INDUSTRY—MANAGEMENT

(see also subdivision under Alma-Ata; Orsha, White Russia)
Economize thermal and electric power. Khim. volok. no. 2 1-2 '66.

Improving the organization of work in textile enterprises. V. M. Akimov, G. G. Atroschenko. Khim. volok. 11 no. 6 88 '66.

Put into practice the directives of the 23d Congress. The light industry and the new five-year plan. Tatarsov. Tekst. prom. 26 no. 1 1-1 Ap '66.

TEXTILE MACHINERY

Operation of the L-51R-12 napping machine. S. I. Silyakov. Tekst. prom. 26 no. 1 15-18 Ap '66.

TEXTILE MACHINERY—ELECTRIC DRIVING

What a design! P. Chikhizov. Pech. delo no. 11 20 '66.

TEXTILE MACHINERY—PARTS

Organization of the manufacture in series of parts for the technological equipment of the textile industry. V. I. Sazonov. Tekst. prom. 26 no. 1 15-18 Ap '66.

Use of pyroceramic filament guides in the machinery for the processing of synthetic fibers. N. V. Mikhlin and others. Khim. volok. no. 2 67-68 '66.

TEXTILE MACHINERY INDUSTRY

Textile-machine industry in 1966-1970. A. A. Mekh. i avtom. proizv. 20 no. 1 22-28 Mr '66.

TEXTILE RESEARCH

Apply the achievements of scientific research in production. K. M. Kalashnikov. Tekst. prom. 26 no. 1 93-94 Ap '66.

TEXTILE WORKERS

High rise. B. Aizen. Pech. delo no. 11 20 '66.

The workers of our factory. M. Chetvetko. Pech. delo no. 11 20-21 Ap '66.

TEXTOLITE

Polyolefin amethylolcyclopentanone molinate and glass textolite on the basis. T. L. Romanov and others. Tekst. prom. 26 no. 4 22-23 '66.

TEXTURED WOVEN FABRICS

Fabrics made from bulked yarn. A. M. Kuz'menko and others. Tekst. prom. 26 no. 4 15-17 Ap '66.

THAELMAN, ERNST, 1886-1944

The resolute revolutionary; on the 60th anniversary of Ernst Thaelman's birth. V. O. Iznashvili. Zhur. 10 no. 4 127-130 Ap '66.

THAILAND—FOREIGN RELATIONS—UNITED STATES

In the service of American imperialism. U. I. G. Nov. vrom. 23 no. 22 15-16 My '66.

THAILAND—MILITARY BASES, AMERICAN

Base of aggression. I. U. Lugovskii. Mirovaia rev. 13 no. 5 116 '66.

THALASSEMIA see subdivision under Aerialia

THALLENITE

Thallenite. N. V. Skorodogalova, N. L. Kostin, G. A. Sidorenko. Geol. mest. red. elom. no. 20 106-111 '66.

THALLIUM

Effect of impurities on the dependence of the temperature of a superconducting junction of thallium on pressure. Part 3. B. G. Lazarev and others. Fiz. i tekhn. eksp. i teor. fiz. 50 no. 3 548-550 Mr '66.

THALLIUM—ANALYSIS

Amperometric and potentiometric titration of thallium with thiourea. I. U. I. Usatenko, L. M. Kutsenko. Zav. lab. 32 no. 4 388-400 '66.

Pulse-polarographic determination of thallium in indium. B. Ia. Kaplan, O. A. Shidlovskii. Zhur. 10 no. 6 658-661 '65.

THALLIUM HALIDES

Interaction of chloride and bromide of trivalent thallium with glycine. A. V. Grinova, N. T. Prosnjak. Zhur. Khim. 36 no. 4 757-759 Ap '66.

THALLIUM IODIDE CRYSTALS—SPECTRIA

Luminescence of thallium iodide. V. N. Galanovskii, M. S. Pidzvallo. Ukr. fiz. zhur. 11 no. 3 349-353 '66.

THAWING

Efficient engineering systems for the construction of thawing grounds. G. F. Shishkanov, A. D. Zhurav. San. tekhn. no. 5 7-10 My '66.

THEATER

(see also subdivision under Athens, Berlin, China; Great Britain, Leningrad, Moscow, Munich, Prague, Yaroslavl)

Hausmann, Viktor. [Rain and the theater] Rainy weather. Riga, Lisma, 1965. 238 p. illus. (In Latvian)

Kalitin, N.I. [The art of seeing and hearing] Iskustvo videt i slysat'. Moskva, Znanie, 1965. 121 p. (Narodnyi universitet: Pedagogicheskii fakul'tet, no. 7)

Theater between the congresses. A. Solov'nikov. Teatr 27 no. 3, 13-14 Mar '66.

Theatrical news. Teatr 27 no. 3, 13-14 Mar '66.

Three facets of time. K. Rudnikskii. Nov. ml. 11 no. 3, 255-258 Mar '66.

Vsesoiuzskoe teatral'noe obshchestvo. [Problems of the theater, a collection of studies and materials] Voprosy teatra, sbornik statei i materialov. [Moskva] 1965. 302 p.

THEATER—PRODUCTION AND DIRECTION

(see also subdivision under Poland)

Notes made at the readings and rehearsals of "Bois Godunov." V. M. Lebedev. Teatr 27 no. 3, 70-90 Mar '66.

THEATER AUDIENCES

(see also subdivision under Latvia)

Kalitin, N.I. [The art of seeing and hearing] Iskustvo videt i slysat'. Moskva, Znanie, 1965. 121 p. (Narodnyi universitet: Pedagogicheskii fakul'tet, no. 7)

THEATERS—FIRE AND FIRE PREVENTION

(see also subdivision under Krasnodar Territory)

THEATERS—HEATING AND VENTILATION

Studies of various systems of ventilating theaters, on an air model of a standard broad-beam motion-picture theater. G. P. Vlasnikov. Sbornik trudov MINT no. 17 116-119 '65.

THEATERS—STAGE SETTING AND SCENERY

Soluz khudozhnikov RSFSR. Moskovskoe otdelenie. [Work of the artists of the theater and motion picture] Raboty khudozhnikov teatra i kino. Moskva, Sovetskii khudozhnik, 1965. [7] p. illus. (Vystavka "Moskva - sklonitsa nashei Rodiny")

THEOLOGY—DICTIONARIES

Tyszkiewicz, Stanislaw. [Concise Latin-Russian theological dictionary] Kratki latinsko-russkii bogoslovskii slovar'. New York, Russian Center, Fordham University, 1954. 128 p. (DDO)

THEORY OF ERRORS see Errors, Theory of

THEORY OF GROUPS see Groups, Theory of

THEORY OF KNOWLEDGE see Knowledge, Theory of

THEORY OF NUMBERS see Numbers, Theory of

THEORY OF POTENTIAL see Potential, Theory of

THEORY OF SIMILITUDE see Similitude, Theory of

THEORY OF STABILITY OF MOTION see Stability of motion, Theory of

THERMAL ANALYSIS

Chemical reactions occurring at temperatures near 77°K. G. R. Sorgeev. Usp. khim. 35 no. 1, 717-774 Apr '66.

Chromatographic methods of determining carbon and sulfur in metals. O. A. Sukhakov, A. A. Zhukovitskii. Sbornik trudov MINT no. 11 79-80 '66.

Contribution to the theory of thermography of phase transitions. A. G. Merdjanov and others. Zhur. fiz. khim. 40 no. 4, 611-617 Apr '66.

Interaction of hexachlorobenzene with certain impurities in commercial-grade titanium tetrachloride. B. A. Voinovskii, N. F. Lozovskii. Izv. AN SSSR, Met. no. 2, 31-39 Mar '66.

Optical properties of rare-earth oxides. Part 4. Polythermal study of neodymium acetate and hydroxide. S. S. Batsanov, G. N. Kustova. Zhur. struk. khim. 7 no. 1, 122-123 Jan-F '66.

Potentialities of the differential thermal analysis in studying the crystallization of glasses. I. I. Kuznetsovskii, R. I. A. Khodkovskaya. Dokl. AN SSSR 167 no. 4, 869-872 Apr '66.

Study of the effect of fillers on the thermal behavior of polyacrylamide by means of differential thermal analysis. I. U. Kercha, R. V. Volkoshevskaia. Vyso-kom. soed. 8 no. 3, 415-418 Mar '66.

Study of the system Mg₂Pb - Mg₂Ge. L. S. Makarov and others. Izv. AN SSSR, Neorg. mat. 2 no. 3, 485-488 Mar '66.

Study of ZrO₂ polymorphism and the formation of some rare-earth zirconates by the complex thermal analysis method. A. K. Kuznetsov, T. K. Keler, Fan' Fu-kan [Fan' Fu-K'ang]. Zhur. prikl. khim. 30 no. 2, 233-241 Feb '65.

Thermal decomposition of amorphous iron hydroxide.

T. P. Karataeva, V. V. Syrydan. Vest. AN BSSR, Ser. khim. nav. no. 1, 17-25 '65.

Thermal decomposition of coprecipitated nickel and iron hydroxides. G. I. Tarasovskaya, V. V. Syrydan. Vest. AN BSSR, Ser. khim. nav. no. 4, 108-111 '65.

Thermal effect and size of silica gel pores. O. S. Novikova, N. D. Riabova. Uzb. khim. zhur. 9 no. 3, 72-73 '65.

Thermal transformations of aluminophosphate binders. I. I. Rashkov, L. N. Kuz'minskaya, V. A. Kopylov. Izv. AN SSSR, Neorg. mat. 2 no. 3, 541-549 Mar '66.

Thermodynamic analysis of conditions for the nonoxidizing rolling of tungsten in vacuum at high temperatures. A. N. Kiselevich and others. Sbornik statei i sprav. no. 11 195-204 '66.

Thermographic characteristics of sodalite-like sodium hydrous aluminosilicates. A. S. Bergin, L. K. Iafovlev. Zhur. prikl. khim. 39 no. 1, 26-31 Jan '66.

Thermogravimetric and X-ray diffraction examination of gadolinium pyrophosphates. I. V. Tananayev, V. G. Kuznetsov, S. M. Petushkova. Zhur. neorg. khim. 11 no. 2, 286-293 Feb '66.

X-ray investigation of alloys of the system Nb - Fe and the determination of certain thermodynamic properties of Nb₂Fe₂ compounds. V. N. Drobyshev, T. N. Rukhina. Izv. AN SSSR, Met. no. 2, 156-162 Mar-Apr '66.

THERMAL PETROLEUM PRODUCTION

see Petroleum production, Thermal

THERMAL STRESSES

Calculating temperature deformations in solid and hollow cylindrical parts caused by cutting. M. F. Senko, I. G. Baskakov. Vest. KhPI no. 1, 6-13 '65.

Determining the thermal stresses in an infinite plate at a given temperature on one of the edges. N. N. Kar-kuzashvili, I. G. Kozubovskaya. Ukr. mat. zhur. 18 no. 3, 110-121 '66.

Effect of the anisotropy of thermal expansion and thermal microstresses. G. A. Malygin, V. A. Likhachev. Zav. lab. 32 no. 3, 335-347 '66.

Marchenko, V. M. [Temperature fields and stresses in aircraft structures] Temperaturnye polia i napriazheniia v konstruktsii letatel'nykh apparatov. Moskva, Mashinostroenie, 1965. 298 p.

Novikov, I. I. [Hot shortness of nonferrous metals and alloys] Goruchelomkost' i svetnykh metallov i spлавov. Moskva, Nauka, 1965. 288 p.

Thermal stresses in a seamless rolled rail and car wheel caused by the assembly of wheel pairs. A. G. Andreev. Vest. KhPI no. 1, 107 '65.

THERMAL WATERS see subdivision under Donets Basin

THERMIONIC EMISSION

Design of a conical anode emitter. B. A. Solov'ev. Inzh.-fiz. zhur. 10 no. 2, 240-244 Feb '66.

Thermionic and adsorptive properties of zirconium nitride in cesium vapors. O. H. Fedorus, P. M. Marchuk. Ukr. fiz. zhur. 11 no. 4, 411-415 Apr '66.

Thermionic properties of rare-earth borides. H. V. Simonov, V. I. Shkiba. Ukr. fiz. zhur. 11 no. 1, 437-438 Apr '66.

THERMIONIC EMISSION—CONGRESSES

International Conference on Thermionic Energy Converters. F. V. Kondrat'ev. Atom. energ. 20 no. 1, 360-362 Apr '66.

THERMISTORS

Properties and use of positive temperature coefficient thermistors. E. A. Kalazin. Inform. sbor. TSNIMF no. 142. Tekh. eksp. mot. flota no. 39, 55-64 '65.

Time constant of nonsteady-state thermal processes on concentrated active loads of electric circuits. O. N. Shechetan, N. I. Fuman, V. M. Tarasovych. Dop. AN URSR no. 2, 188-192 '66.

Use of thermistor in precision calorimetry. K. A. Sharifov, Chibrikarev, V. N. Azizov, T. Kh. Teor. i eksper. khim. 2 no. 1, 137-141 '66.

THERMIT

Self-ignition of thermit compositions. F. I. Maksimov, A. G. Merzhanov, V. M. Shkiba. Zhur. fiz. khim. 40 no. 2, 468-470 Feb '66.

THERMOCHEMISTRY

Kinetics of ammonium perchlorate thermal decomposition. G. B. Manelis, I. I. Rubtsov. Zhur. fiz. khim. 40 no. 4, 770-774 Apr '66.

Lanthanthermic reduction of samarium oxide. G. G. Gvetselidze, D. I. Bagdasvndze. Soob. AN Gruz. SSR 41 no. 3, 657-664 Mar '66.

Some kinetic regularities of the thermal decomposition of tertiary butyl hydroperoxide in water. N. I. Larionova, N. N. Ugarova. Vest. Mosk. un. Ser. 2, Khim. 21 no. 1, 21-25 Jan-F '65.

Structural transformations in glasses of the system SiO₂ - Al₂O₃ - B₂O₃ - TiO₂ in the initial stage of crystallization. G. S. Bogdanova, E. M. Orlova. Izv. AN SSSR, Neorg. mat. 2 no. 3, 537-540 Mar '66.

Thermal decomposition of bis-(1-hydroxyalkyl)peroxyethylene derivatives. A. I. Karilov. Zhur. org. khim. 2 no. 2, 220-225 Feb '66.

Thermal decomposition of n-heptadecane. Kh. I. Aleshidze, I. M. Rukhina. Izv. Inst. khim. AN Gruz. SSR 17, 207-210 '64.

THERMOCHEMISTRY OF PERSULFATE SOLUTIONS

Report No. 2. Thermodynamic characteristics of the reaction of sodium sulfate with sodium hypochlorite and sulfite ion formation in an aqueous solution at various temperatures. T. V. Fomina, N. P. Dymarchuk, K. P. Mishchenko. Izv. LITI SSSR no. 10, 103-107 '65.

Thermodynamic calculation of a process in which glaucuronic interacts with silica and sodium chloride in the presence of water vapor. V. I. Ksenzenko, S. I. Ivanov, N. A. Zamenonets. Dokl. AN SSSR 167 no. 4, 838-840 Apr '66.

Thermodynamic study of the evaporation of lower nobility oxides. S. A. Shchekarev, G. A. Semenov, K. E. Frantsava. Zhur. neorg. khim. 11 no. 2, 233-235 Feb '66.

THERMOCOUPLES

Method of graduation of thermocouples for measuring temperatures in the zone of grinding. V. I. Akl'mov, V. A. Spil'nov, I. U. A. Kazimichuk. Zav. lab. 31 no. 7, 818-820 '65.

Thermocouples for studying friction pairs. A. V. Chichinadze, T. D. Braun, A. G. Abakunkin. Zav. lab. 31 no. 6, 753-755 '65.

Use of thermoelectric batteries for the objective control of the temperature reaction in animals during artificial hypothermia. Sh. N. Sharipov. Uch. zap. KVU 93, 179-184 '61.

THERMODYNAMICS

Analyzing conditions of the hot rolling of metals in vacuum and in an inert gas atmosphere with the help of the thermodynamic method. A. N. Krestovnikov and others. Sbornik statei i sprav. no. 11 180-185 '66.

Calculation of irreversible polytropic processes of an ideal gas. V. N. Lapshov. Izv. vuz. ucheb. zav., eng. g. 9 no. 4, 61-69 Apr '66.

Determination of gas pressure drop in pipe system taking into consideration temperature change. V. V. Gusev. Teploenergetika 13 no. 3, 86-87 Mar '66.

Extrapolation of experimental thermal data to the high-pressure region. I. H. Kipnis. Inzh.-fiz. zhur. 10 no. 3, 374-381 Mar '66.

Hydrothermal equilibria. Dissociation constants of some weak electrolytes at raised temperatures and pressures. R. P. Rafail'skii. Geol. iud. mestorozh. 8 no. 2, 5-15 Mar-Apr '66.

Thermodynamic analysis of processes taking place in the systems NH₃ - NH₄ClO₄ - Me, Pb(O₂)₂ - Me, IU, A. Abramov. Zhur. prikl. khim. 38 no. 2, 426-429 Feb '65.

Thermodynamic theory of the "Steady" states of two gas volumes connected by a capillary. P. E. Suetin. Inzh.-fiz. zhur. 10 no. 3, 363-367 Mar '66.

Using the method of thermodynamic transfer potential in the study of the movement of moisture in the soil. I. I. Sudnitsyn. Sbornik trudov po agron. fiz. no. 1, 423-55 '65.

THERMOELECTRIC APPARATUS AND APPLIANCES

Two-dimensional temperature field of a semiconductor thermoelectric battery. M. R. Prilvin, A. F. Chudnovskii. Inzh.-fiz. zhur. 10 no. 2, 252-257 Feb '66.

THERMOELECTRIC GENERATORS

Corrugated thermoelectric generators. A. G. Shcherbina. Khol. tekhn. 43 no. 1, 17-20 Apr '66.

THERMOMAGNETISM

Effect of ion diffusion during heat and thermomagnetic treatments on the magnetocrystallographic anisotropy in single crystals of nickel-cobalt ferrites. A. I. Drobkin and others. Fiz. met. i metalloved. 21 no. 3, 423-429 Mar '66.

Longitudinal thermomagnetic effect in alloys of the nickel-palladium system. S. I. Laziev. Izv. AN Turk. SSR Ser. fiz. i tekhn. khim. i geol. nauk no. 2, 22-26 '66.

THERMOMETRY

Method of graduation of thermocouples for measuring temperatures in the zone of grinding. V. I. Akl'mov, I. U. A. Kazimichuk, V. A. Spil'nov. Zav. lab. 31 no. 7, 818-820 '65.

Temperature stability of cellulose xanthogenate solutions. S. P. Papkov, Z. V. Ukhanova, N. V. Mikhalov. Khim. volok. no. 2, 45-49 '66.

THERMOPLASTICS—MOLDING

Evaluating the molding properties of thermoplastics by the determination of flowability along a spiral channel. L. L. Vol'-Rabinovich, V. L. Makhrovskii. Plast. massy no. 4, 26-28 '66.

TIBETAN LANGUAGE—DICTIONARIES—MONGOLIAN

A Tibetan-Mongolian dictionary compiled by Galsan-Zhinba Tsuguldinov, a Buryat of the Khural tribe in the Agn region. R.I. Puhnev Trudy BKNII no. 10 228-233 '65.

TIBETAN LANGUAGE—GRAMMAR

Traditional methods of studying the Tibetan language and the problem of its parts of speech B.I. Kuznetsov. Trudy BKNII no. 10/110-131 '65.

TIBETAN LANGUAGE—TRANSLITERATION INTO RUSSIAN

More about the transcription and transliteration of the Tibetan language. K. Sedmechek, B.V. Semichov. Trudy BKNII no. 10/132-111 '65.

TICKS—EXTERMINATION

New insecticide sevin and prospects for its use in the control of ixodid ticks. I.U. M. Shchadilov. Med. paraz. i parazit. bol. 35 no. 1 73-77 Jan-F '66.

TICKS—PARASITES see Parasites—Ticks

TIDAL WAVES

Action of the tide producing force on the waters of oceans and seas. V.B. Rukhonenkikh. Vest. LGU 10 no. 24/95-95 '63.

TIDES see subdivision under Arctic regions; North Sea

TIENTSIAN—CYCLONES

Incidence of cyclones over the Tientien Shan. I.F. Medvedeva, M.A. Petrosian, N.N. Romanov. Nauka. Trudy TashGU no. 250. Fiz. i matemat. no. 2/3/75-77 '61.

TIENTSIAN—MARMOTS

Study of contacts among the populations of Marmota baibacina by radioactive marking method. L.L. Berendseva and others. Zool. zhur. 45 no. 3 130-135 '66.

TIENTSIAN—TETRACORALLA

Significance of Tetracoralla for the Devonian stratigraphy of the southern Tientien Shan. V.N. Gorlanov. Vest. LGU 10 no. 24/131-133 '63.

TIFLIS—MEASLES—PREVENTIVE INOCULATION

Studies of the epidemiological effectiveness of a live measles vaccine in Tiflis and Rustavi. G.I. P. Nakhvina and others. Trudy Len. inst. epid. i mikrobiol. 23/101-105 '65.

TIKHOMIROV, MIKHAIL NIKOLAEVICH, 1893-1965

In memory of Mikhail Nikolaevich Tikhomirov. N.N. Pokrovskii. Izv. SO AN SSSR no. 1. Ser. obshchestv. nauk no. 1/143-144 '66.

TILES see subdivision under Germany, East

TILES—DRYING

Curved shrinkage and moisture areas of clay tiles in the process of drying. A.A. Toporkova. Shor. trud. VNIISTROM no. 1.62-66 '64.

TILLAGE

(see also subdivision under Khabarovsk Territory)

Change in the properties of turf-Podzolic soils during subsoiling. V.A. Chernyshev. Shor. trud. po agron. flz. no. 11/179-185 '65.

Characteristics of the intertillage of corn when using herbicides. P.E. Piskopau, P.P. Lukashenko. Vestnik AN BSSR. Ser. sel'skosp. nav. no. 1/58-65 '66.

Cultivating gray forest soils. V.P. Nariashin. Zomlodo-lye 20 no. 3/58-64 Mr '66.

Effect of the various methods of basic tillage of carbonate-rich alkali-lean Chernozems in Moldavia on the moisture condition of soils and corn water requirements. S. A. Gerasimovich. Shor. trud. po agron. flz. no. 11/205-208 '65.

Revut, I.B. [How to till the soil correctly] Kak pravil'no obrabatyvat' pochvu. Moskva, Znanie, 1966. 30 p. (Novoe v zhizni, nauka, tekhnika. V Seriya; Sel'skoe khoz. i sel. stroitel'stvo, no. 7)

Some physical conditions in the plow layer of the soil in reducing the intertillage of corn. B.P. Goncharov, P.I. Smorodin. Shor. trud. po agron. flz. no. 11/187-195 '65.

TILLAGE—EQUIPMENT AND SUPPLIES

Multipurpose tilling machinery. L. Kh. Kim, L.N. Antoshkovich. Trakt. i sel'khoz. mash. no. 4/8-10 Ap '66.

TILLITE see subdivision under Yenisey Range

TIMAN RANGE—GRAVITY PROSPECTING

Az and Δg charts for the interpretation of gravity anomalies specified by dome-like bodies and practice in utilizing them in the Timan-Pechora area. M.A. Oanda K.P. Tlapkin. Prikl. geofiz. no. 45/131-144 '65.

TIMAN RANGE—METALS, RARE AND MINOR

Concentration of minor and rare metals in Devonian bioliths in the middle and northern Timan Range and Kanin Peninsula. O.S. Kochelkov. Izv. AN SSSR. Ser. geol. 31 no. 3/25-35 Mr '66.

TIMAN RIDGE—PROSPECTING—GEOPHYSICAL METHODS

Basic results of geophysical investigations in the Timan-Pechora oil and gas province and prospects for their further development. A.IA. Kozlov and others. Geol. mezh. i gaz. 10 no. 4/36-39 Ap '66.

TIME STUDY

Classification of potentialities and determining time necessary for the mastering of production V.I. Pandakov. Izv. SO AN SSSR no. 1. Ser. obshchestv. nauk no. 1/37-44 '66.

Establishing work norms and improving production efficiency. I. Shapiro. Sol's. trud. 11 no. 4 112-122 Ap '66.

TIN see subdivision under Transbaikalia

TIN—SPECTRA

Spectrographic method of the analysis of small tin contents in granites. K.I. Innova, D.K. Mikhailov, L.V. An. Kazakh. SSR. Ser. geol. 23 no. 2/86-88 Mr-Apr '66.

TIN CHLORIDES

Application of the method of dielectric losses for determining complex formation in solutions. Part 1: Dielectric losses of complex compounds $SnCl_4$ with oxygen-containing organic substances. V.N. Marchenko, O.A. Ostrov. Zhur. obshch. khim. 36 no. 4/600-605 Ap '66.

TIN-COPPER ALLOYS see Copper-tin alloys

TIN-LEAD ALLOYS—THERMOELECTRIC PROPERTIES

Thermal and thermoelectric properties of liquid alloys of the tin-lead system. I.A. L. Ditchuk, V.P. Panasuk, O.P. Slesarev. Ukr. fiz. zhur. 11 no. 4/455-457 Ap '66.

TIN ORGANIC COMPOUNDS see Organotin compounds

TIRE FABRICS

Molded parts from nylon cord fibers of worn-out tires. Report No. 1, I.T. Tugov, S.N. Tikhonov, V.M. Rogov. Nauch.-issled. trudy VNIITK no. 75/127-130 '64.

TIRE FABRICS—DYNAMICS

Effect of testing conditions on the dynamic properties of cord. A.A. Rogovskiy, R.E. Kuznetsova. Kauch. i rez. 25 no. 1/25-29 '66.

TIRE INDUSTRY see subdivision under Belorussia (White Russia)

TIRE INDUSTRY—ACCOUNTING

Determining the index of efficiency of the utilization of capital assets of tire factories. V.S. Voroshilin. Kauch. i rez. 25 no. 4/36-38 '66.

TIRES, RUBBER

Calculating the initial stresses in the breaker cord threads of type "H" tires. V.L. Midorman and others. Kauch. i rez. 24 no. 3/20-28 Mr '65.

Seriatomation line for tread production. V.G. Bogomolov, A.A. Bondarenko. Kauch. i rez. 24 no. 3/44-48 Mr '65.

Trends in the development of large cross section tires. V.I. Kozlov, N.V. Belianko. Avt. prom. 32 no. 3/42-44 Mr '66.

TIRES, RUBBER—STORAGE

Developing optimum storage conditions for automobile tires on the basis of the evaluation of their operational indices. I. K. Uspenskiy. Kauch. i rez. 25 no. 4/33-38 '66.

TIRES, RUBBER—TESTING

Wear tests of the RS-type motor-vehicle tires under real operating conditions. D. Mederkulov. Avt. transp. [Kiev] no. 2/36-41 '66.

TISSUE CULTURE

Effect of acridine orange on the early stages of protein biosynthesis in the cells of tissue cultures. E.A. Lashinova, A.V. Zolotarev. Vop. med. khim. 12 no. 2/218-Mr-Apr '66.

Effect of large doses of antitesticular and antiovarial cytotoxic sera on tissue explants. L.I. Borchenko. Fiziol. zhur. [Ukr.] 10 no. 5/720-727 N-D '64.

Method of growing tissue cultures and viruses in rotating vessels. G.M. Gmunt and others. Vop. virus. 11 no. 1/98-99 Jan-F '66.

Phosphorylase activity in tissue culture cells. A.T. Pkulev and others. Dokl. AN SSSR 10 no. 3/210-212 Mr '66.

Study of the conditions of interferon formation in chick embryo fibroblast tissue culture infected with Japanese encephalitis virus. N.A. Ivanova. Biol. eksp. biol. med. 61 no. 2 75-78 F '65.

Use of sodium salts of nystatin in tissue culture. V.O. Kul'bach and others. Vop. virus. 11 no. 1/100-102 Jan-F '66.

TISSUE EXTRACTS

Methods of testing biogenic stimulants for activity. S.B. Babirov. Trudy AZVI 13/143-146 '64.

TISSUE EXTRACTS—THERAPEUTIC USE

Pancytopenia resulting in aplastic anemia in a woman treated with a vitreous body preparation. A.N. Chigirinskii, G.A. Tirofomov. Probl. gemat. i pect. i krov. no. 7/51-53 '65.

TISSUE METABOLISM

Effect of neutron irradiation on the processes of tissue metabolism. L.S. Chirakova and others. Radiobiologiya 6 no. 2/179-184 '66.

TISSUES—DIELECTRIC PROPERTIES

Origin of the anomalous dispersion of dielectric parameters of living tissues in low radio frequency ranges. T.P. Filanovskaya. Biophysika 11 no. 2 278-280 '66.

TISSUES—OXYGEN CONTENT

Selection of electrodes for recording of oxygenation in live tissues. I.P. Berezin, I.M. Epshteyn, B.N. Rostovtsev. Fiziol. zhur. 52 no. 4/420-425 Ap '66.

TISSUES—PERMEABILITY

Effect of insulin on the penetration of serum proteins through the tissue barrier altered by inflammation in patients with tuberculosis. M.A. Kasachunskii. Probl. endok. i gorm. 12 no. 2 17-23 Mr-Apr '66.

TISSUES—PRESERVATION

Activity of alkaline tissue phosphatase under various storage conditions. A.I. Brusilovskiy, I.E.S. Detuk, Ukr. biokhim. zhur. 38 no. 2/169-171 '66.

Methods of preparing tissue samples for radiometry. M.Kh. Levitman. Radiobiologiya 6 no. 2/325-326 '66.

Problem of the viability and the procurement dates of cadaver bone marrow. N.I. Fedorov. Probl. gemat. i pect. i krov. 11 no. 2/60-63 F '66.

Use of bentonite in isolating native high-polymer ribonucleic acid from animal tissues. I.P. Kok and others. Ukr. biokhim. zhur. 38 no. 2/208-211 '66.

TITANIUM

(see also subdivision under Kazakhstan)

Adsorbability of titanium by ion exchangers from acidic solutions. I.K. Tsirovich. Zhur. prikl. khim. 39 no. 3/511-516 Mr '66.

Cleaning titanium chip from contamination by hard alloys. N.A. Pampushko, V.M. Bobylev. TSvet. met. 39 no. 4/70-71 Ap '66.

Geochemistry of titanium in the intrusive process. L.L. Leonova, N.S. Krasova. Geokhimiya no. 4/348-355 Ap '64.

Reaction of titanium tetrachloride with metallic titanium in the presence of acid sodium chloride. R.A. Sandler, B.N. Podzorov. Zhur. prikl. khim. 39 no. 1/7-13 Ja '66.

TITANIUM—ANALYSIS

Determination of microgram quantities of titanium using the catalytic reaction of hydrosulfate oxidation by hydrogen peroxide. A.K. Babko, V.A. Litvinenko. Zhur. anal. khim. 21 no. 3/302-308 '66.

Method of determining aluminum in metallic titanium with methylthymol blue. V.N. Tikhonov, M.A. Grankina. Zav. lab. 32 no. 3/278-279 '66.

TITANIUM—CORROSION

Use of titanium for the apparatus of chlororganic synthesis in the hydrogen atmosphere. E.I. Antonovskaya, A.A. Pozdeeva. Khim. prom. 42 no. 4/304-305 Ap '66.

TITANIUM—ELECTROMETALLURGY

Cathodic oxydization during titanium refining in fused salts. V.G. Goptenko, N.I. Anufrieva, E.F. Kluchnikov. Zhur. prikl. khim. 39 no. 3/577-584 Mr '66.

TITANIUM—HYDROGEN CONTENT

Hydrogen solubility in titanium. B.S. Krylov. Izv. AN SSSR, Met. no. 2/144-148 Mr-Apr '66.

TITANIUM—OXYGEN CONTENT

Titanium preparations with different content of dissolved oxygen. V.I. Ditschikov, V.I. Tikhomirov. Zhur. prikl. khim. 39 no. 3/594-599 Mr '66.

TITANIUM—SPECTRA

1. I. I. Kuznetsov, Titanium emission and absorption spectra, *Tr. Vsesoyuzn. nauchn. tsentra fiz. i khim. im. P. L. Kapitsa*, 1966, no. 3, 323-326.

TITANIUM ALLOYS

1. I. I. Kuznetsov, Titanium alloys, *Tr. Vsesoyuzn. nauchn. tsentra fiz. i khim. im. P. L. Kapitsa*, 1966, no. 3, 327-331.

In evaluating the resistance to deformation during cold rolling of strips of VT14, VT15, and VT16 alloys, I. M. Pavlov and others, *Tsvet. met.*, 39 no. 4, 72-73, Apr '66.

TITANIUM ALLOYS—ANALYSIS

1. I. I. Kuznetsov, Titanium alloys, *Tr. Vsesoyuzn. nauchn. tsentra fiz. i khim. im. P. L. Kapitsa*, 1966, no. 3, 331-335.

TITANIUM ALLOYS—HEAT TREATMENT

Thermal treatment of an alloy in the system Ti-Al-Mo-Zr-Cu, V. A. Konstantinov, E. K. Molchanova, *Metall. obr. met.*, no. 6, 38-39, June '65.

Thermal treatment of the welds in two-phase titanium alloys, V. F. Grabin, S. M. Gurevich, *Metall. obr. met.*, no. 6, 39-43, June '65.

TITANIUM ALLOYS—HYDROGEN CONTENT

1. I. I. Kuznetsov, Titanium alloys, *Tr. Vsesoyuzn. nauchn. tsentra fiz. i khim. im. P. L. Kapitsa*, 1966, no. 3, 335-338.

TITANIUM ALLOYS—METALLOGRAPHY

1. I. I. Kuznetsov, Titanium alloys, *Tr. Vsesoyuzn. nauchn. tsentra fiz. i khim. im. P. L. Kapitsa*, 1966, no. 3, 338-341.

TITANIUM ALLOYS—TESTING

1. I. I. Kuznetsov, Titanium alloys, *Tr. Vsesoyuzn. nauchn. tsentra fiz. i khim. im. P. L. Kapitsa*, 1966, no. 3, 341-344.

Effect of the type of testing machine on the strength characteristics of titanium alloys at increased gripping velocities, P. I. Rodushkin, A. I. Kosarev, *Zav. lab.*, 32 no. 3, 314-315, '66.

TITANIUM ALLOYS—WELDING

Strength and plasticity of joints made by automatic argon-arc welding of VT14 and VT6C titanium alloys, F. R. Kulikov, A. S. Persidskiy, N. G. Frolov, *Svar. proizv.*, no. 2, 21-24, Feb '66.

Structure and properties of welded joints in high-strength titanium alloys, A. I. Khorev, L. A. Grudzeva, *Metall. obr. met.*, no. 6, 36-37, June '65.

TITANIUM-ALUMINUM ALLOYS—TESTING

1. I. I. Kuznetsov, Titanium alloys, *Tr. Vsesoyuzn. nauchn. tsentra fiz. i khim. im. P. L. Kapitsa*, 1966, no. 3, 344-347.

TITANIUM CARBIDES

1. I. I. Kuznetsov, Titanium alloys, *Tr. Vsesoyuzn. nauchn. tsentra fiz. i khim. im. P. L. Kapitsa*, 1966, no. 3, 347-350.

TITANIUM CHLORIDES

Complex formation of orthoalkyl acid esters with titanium tetrachloride, I. V. Kotodiaznyy, O. E. Kashlennikov, O. A. Osipov, *Zhur. neorg. khim.*, 11 no. 2, 348-350, Feb '65.

Interaction of hexachlorobenzene with certain impurities in commercial-grade titanium tetrachloride, B. A. Votroch, N. F. Lozovskaya, *Zv. AN SSSR, Met.*, no. 2, 31-39, Apr '66.

Reaction of titanium tetrachloride with metallic titanium in the presence of solid sodium chloride, R. A. Sandler, B. N. Podzorov, *Zhur. prikl. khim.*, 39 no. 1, 7-13, Jan '66.

TITANIUM-NIOBIUM-MOLYBDENUM ALLOYS—TESTING

Physical and mechanical properties of alloys of the system Ti-Nb-Mo, G. P. Kalinin, O. P. Elutin, L. V. Mamontovskaya, *Zv. AN SSSR, Met.*, no. 2, 125-130, Apr '66.

TITANIUM ORGANIC COMPOUNDS

see Organotitanium compounds

TITANIUM OXIDES

Adsorption structure of thermally treated titanium dioxide, K. E. Avallant and others, *Trudy Inst. khim. AN Gruz. SSR*, 17, 63-74, '64.

TITANYL CHLORIDE—SPECTRA

Infrared spectra of titanium oxychloride in a solution of titanium tetrachloride, D. I. Tsekhnovskaya, B. M. Merenkova, *Zhur. fiz. khim.*, 40 no. 2, 495-498, Feb '66.

TITRATION

Analysis of rare-earth alloys in nonaqueous solutions, A. P. Kreshov, A. N. Iarovenko, S. M. Milaev, *Zav. lab.*, 32 no. 4, 395-397, '66.

Determination of large amounts of titanium by photometric titration, L. V. Borozova and others, *Zhur. anal. khim.*, 21 no. 3, 323-326, '66.

Metal indicator for titanium in the volumetric determination of sulfates in the presence of phosphates and arsenates, V. I. Kuznetsov, N. N. Basargin, *Zv. lab.*, 31 no. 5, 535-541, '65.

TITUNNYK, HRYHOR, 1920-1961

The youngest of the Vykhov "dynasty" from Semenovsk. Rad. list. 10 no. 3, 65-76, Mar '66.

TOBACCO

Determining the sum of the volatile carbonyl compounds in tobacco smoke, I. G. Mikhnevich, S. V. Kamenskikh, *Zv. vys. ucheb. zav., pishch. tekhn.*, no. 2, 57-58, '66.

TOBACCO—ANALYSIS

Effect of mineral fertilizers on the yield and chemical composition of tobacco in carbonate-rich Chernozems, L. I. Tarpan, *Lifsh. dokl. v. 1961, Mold.*, no. 1, 71-75, '65.

TOBACCO BLUE MOLD

see subcategory under Moldavia

TOBACCO HABIT

1. I. K. [Don't smoke!] Ne kni! *Izd. 2*, Moskva, Meditsina, 1960, 28 p. (Biblioteka shkol'nika) (DNLM)

TOBACCO MOSAIC VIRUS

Effect of some respiration inhibitors on the reproduction of tobacco mosaic virus, G. S. Kalichava, L. N. Loginova, L. N. Saldan, *Soob. AN Gruz. SSR*, 41 no. 2, 431-431, Feb '66.

Effect of the inhibitors of free radical processes on the reproduction of tobacco mosaic virus, G. S. Kalichava, L. N. Loginova, *Soob. AN Gruz. SSR*, 41 no. 3, 693-696, Mar '66.

TOBACCO PROCESSING MACHINERY—MAINTENANCE AND REPAIR

Wear of the knife of the TB tobacco cutting machine, V. K. Kondraschenko, V. S. Pashkov, *Zv. vys. ucheb. zav., pishch. tekhn.*, no. 2, 113-114, '66.

TOBACCO ROOT ROT

Resistance of wild tobacco species to black root rot, M. F. Teronovskiy, O. K. Evtukh, *Dokl. zab. kni. i. rast. Mold.*, no. 4, 65-71, '65.

TOBOL'SK (TYUMEN' PROVINCE)—COMMERCE

Economic ties between the Siberian cities and adjacent districts in the 17th century, O. N. Vilkov, *Zv. SO AN SSSR*, no. 1, Ser. obshchestv. nauk, no. 1, 105-113, '66.

TOCOPHEROL

Study and identification of tocopherols in sea-buckthorn fruit and oil, L. O. Shnaidman, N. A. Shugam, *Zv. vys. ucheb. zav., pishch. tekhn.*, no. 2, 39-41, '66.

TOCOPHEROL—PHYSIOLOGICAL EFFECT

Antispasmodic activity of α -tocopherol, F. N. Uskov, *Farm. i toks.*, 28 no. 4, 422-425, Jan-Mar '65.

TOKTOGUL HYDROELECTRIC POWER STATION—BLASTING

Improving the blasthole drilling for the construction of the diversion tunnel at the Toktogul Hydroelectric Power Station, B. G. Safonov, P. D. Stepanov, *Energ. stroit.*, no. 4, 637-640, '64.

TOKTOGUL HYDROELECTRIC POWER STATION—TUNNELING

Improving the blasthole drilling for the construction of the diversion tunnel at the Toktogul Hydroelectric Power Station, B. G. Safonov, P. D. Stepanov, *Energ. stroit.*, no. 4, 637-640, '64.

TOKYO—AUTOMATIC CONTROL—CONGRESSES

Symposium on the theory and methodology of large systems for the establishment of automatic control systems held in Tokyo August 25-28, 1965, A. A. Voronov, *Avtom. i telemekh.*, no. 3, 178-180, '66.

TOLERANCE (ENGINEERING)

Tolerances for making and assembling precast reinforced concrete elements and their effect on the assembly work, I. A. L. Kravtseva, *Energ. stroit.*, no. 4, 637-640, '64.

TOLERANCE (ENGINEERING)—TERMINOLOGY

Standardization of designations and basic identifications in the field of allowances and fits, V. I. Bondar', V. A. Kacher, N. M. Lastovich, *Vest. KhPI*, no. 1, 3-5, '65.

TOLOKONNIKOV, ANATOLI ALEKSEVICH, 1897-1965

A. A. Tolokonnikov's work, A. Sidorov, *Iskusstvo*, 20 no. 2, 37-39, '66.

TOLSTOI, FEDOR PETROVICH, 1763-1873

Fedor Tolstoy's silhouettes, E. Kuznetsova, *Iskusstvo*, 20 no. 2, 58-61, '66.

TOLUENE

Catalytic demethylation of toluene on a molybdenum catalyst, A. S. Sultanov, A. M. A. S. Sultanov, *Tr. khim. 5*, no. 1, 1-11, '66.

Kinetics of toluene alkylation with ethylene, A. S. Sultanov, A. M. A. S. Sultanov, *Tr. khim. 5*, no. 1, 11-15, '66.

n-n-Hexadecyltoluene, A. T. Tikhonov, T. V. A. T. Tikhonov, *Tr. khim. 5*, no. 1, 15-19, '66.

Safety conditions for the oxidation of toluene with atmospheric oxygen, S. A. Ivanovskiy, L. I. Ivanovskiy, M. V. Cherniak, *Neftekhim. 6*, no. 2, 105-111, Jan '66.

TOLUENESULFONAMIDE

Amides and hydrazides of oxalic acid. Part 1. Synthesis of esters of N-substituted oxamic acid with toluenesulfonamide, T. A. Peltin, V. I. Peltin, *Tr. khim. 5*, no. 2, 285-286, Feb '66.

Tautomers of 5-aminotoluene, Part 2. Synthesis of p-toluenesulfonamides of 5-aminotoluene, V. I. Peltin, V. I. Peltin, *Tr. khim. 5*, no. 2, 286-288, Feb '66.

TOMATO PRODUCTS

see subcategory under Agriculture

TOMATOES

Effect of gibberellin on the growth and development of corn and tomatoes, P. S. Fedorov, L. I. Khramov, *Bliz. Khr. Nizh.*, no. 5, 39-42, '60.

TOMATOES—DISEASE AND PEST RESISTANCE

(see also subcategory under Maritime Territory) Characterization of the reaction of different varieties of tomatoes to Phytophthora infection, V. I. Peltin, V. I. Peltin, *Tr. khim. 5*, no. 2, 288-289, Feb '66.

Cucumber and tomato varieties resistant to different diseases, G. V. Novik, *Tr. khim. 5*, no. 2, 289-290, Feb '66.

TOMATOES—DISEASES AND PESTS

Double streak of tomatoes in a closed garden, V. I. Peltin, *Bliz. Khr. Nizh.*, no. 5, 39-42, '60.

TOMSK—SHOOTING, MILITARY

The club, its active members, I. I. Khramov, *Bliz. Khr. Nizh.*, no. 5, 39-42, '60.

TONKIKH, VASILII

"Downright strange people," Vasilii Tonkikh, V. I. Peltin, *Bliz. Khr. Nizh.*, no. 5, 39-42, '60.

TONKIN, GULF OF—SHARKS

New shark species from the Gulf of Tonkin, L. N. Besednov, *Zool. zhur.*, 45 no. 3, 302-304, '66.

TONSILS—DISEASES

(see also subcategory under Leningrad, Transbaikalia) Pathogenesis of chronic tonsillitis and methods of treatment, N. A. Bobrovskiy, *Sov. med.*, 29 no. 4, 44-45, Apr '66.

TONSILS—SURGERY

Changes in the electrocardiogram connected with tonsillectomy in persons older than 50, M. I. Keckler, *Sov. med.*, 29 no. 3, 25-31, Mar '66.

TOOL AND DIE INDUSTRY

see subcategory under Novosibirsk

TOOL AND DIE INDUSTRY—TECHNOLOGICAL INNOVATIONS

New tools for electricians, P. V. Smirnov, *Tr. khim. 5*, no. 2, 289-290, Feb '66.

TOOL STEEL—HARDENING

Low-temperature nitriding of high-speed steel, I. I. Lakhin, G. N. Neustorov, *Metall. obr. met.*, no. 4, 73-74, Apr '66.

TOPAR VALLEY—RECLAMATION OF LAND

Land and water resources in the Topar Valley and measures for their utilization, M. V. Chebyshev, *Kh. Kh. Nizh.*, no. 5, 39-42, '60.

TOPCHIBASHEV, MUSTAFA BEK AGA BEK OGILY, 1852-1908

Mustafabek Agabek Ogly Topchibashov, on his 55th birthday, *Khirurgia*, 42 no. 4, 152-153, Apr '66.

TOPOLOGY

Absoluteness of base and partial ordering, I. A. M. Tsaitlin, *Zv. vys. ucheb. zav. imat.*, no. 3, 86-101, '66.

Behavior of a spatial quasi-conformal mapping on a cross section of the region of definition, A. I. Kopylov, *Dokl. AN SSSR*, 167 no. 4, 743-746, Apr '66.

Boundedness of variations of a manifold, A. M. Leontovich, M. S. Melnikov, *Trudy Mosk. mat. ob-va*, 16, 33-37, '65.

TOPOLOGY (Continued)

- Dyadic bicomplexes. B. A. Efimov. Trudy Mosk. mat. ob-
va 14:211-217 '65.
- Invariant subspaces of the shear operator, and almost
invariant subspaces of the shear operator. N. P. Nikolskiy.
Dokl. AN SSSR 167 no 5:985-988 Ap '66.
- Probability distributions on topological groups. V. V.
Sazonov, V. N. Tutubalin. Teoriya veroyatnostey i ee
prilozheniya 11 no 1:4-55 '66.
- Representations of topological semigroups by continuous
transformations. L. B. Shnepperman. Dokl. AN SSSR
167 no 1:768-771 Ap '66.
- Some classes of locally convex topological spaces.
Yu. I. Izrael, I. G. Ibragimov. Izv. vuzov, uch. zap., mat.
no 2:16-57 '66.
- Some denumerably additive vector measures. L. A.
Suvorov. Dokl. AN SSSR 167 no 1:758-759 Ap '66.
- Topology of foliations. S. P. Novikov. Trudy Mosk. mat.
ob-va 11:218-278 '65.

TORRES RESURREPO, CAMILO, d. 1906

The life and death of Camilo Torres, Juan Cobo. Nov.
vrem. 23 no 18:28-30 My '66.

TOURISM

International tourism. M. Anan'ev. Mezhdunar. shtet.
11 no 5:146-147 '66.

TOURIST CAMPS, HOSTELS, ETC.

(see also subdivision under Leningrad Province)
Standard buildings and installations for tourists' service.
M. Shishkova. Avi. transp. 44 no 7:15-19 My '65.

TOURISTS, FOREIGN

The tourist route from Moscow. O. Spasskiy. Mol.
komm. no 1:105-107 Ab '65.

TOURNAMENTS

A compact which plays a soccer match. O. Spasskiy.
Mol. komm. no 3:108-113 '66.

TOWERS see subdivision under Diku

TOWING

Acceleration dynamics of the system: main diesel of the
tugboat - tugboat - towed load. V. I. Nosenov, V. I.
Kuchumilin. Sud. st. i st. no 3:15-17 '64.

Studying certain problems concerning the resistance of
water to the movement of rafts and their maneuverability
in waves. N. A. Khokhlov. Trudy TSNI V 1 no 16:
91-118 '64.

Use of the first integrated towns. M. G. Galkovskaya.
Trudy TSNI VT no 16:5-21 '65.

TOXICOLOGY—ABSTRACTS

[Pharmacology, Chemotherapeutics, Toxicology] Ref.
zhur.: Farm. Khimioterap. sred. Toks. no 4 Ap '66.

TOXINS AND ANTITOXINS

Determination of antileucocidin in sera of experimental
animals immunized with staphylococcal anatoxin. Z. I.
Ishodova, Z. M. Mikrobiol., epid. i immunit. 13 no 3:
65-70 My '66.

Infectious allergy. Report No. 1. Manifestation of infectious
allergy to diphtheria in cottons depending on the intervals
between the injections. A. I. Kravchenko, L. I. Privalova.
Zh. mikrobiol., epid. i immunit. 43 no 3:94-99 My
'65.

Studies on the excretion of polyvinylpyrrolidone and some
toxins from the body. A. A. From and others. Probl.
gemat. i perikl. krov. no 7:1-31 '65.

TOXOPLASMOSIS

Complement fixation reaction in the diagnosis of toxoplas-
mosis. A. P. Dgorova. Sov. med. 20 no 3:64-69 My
'66.

Karapov, S. K. [Toxoplasmosis; a clinical and
epidemiological study] Toksoplazmoz, kliniko-
epidemiologicheskii etud. Ashkhabad, "Turkmeni-
stan," 1965, 128 p.
(ONLM)

Pathomorphology of lesions of the heart in experimental
toxoplasmosis. I. U. Ukhov. Arkh. pat. 28 no 2:65-69
'66.

TOYNEEE, ARNOLD JOSEPH, 1889-

Markarian, E. S. [The concept of local civilizations;
a critical study] O kontseptii lokal'nykh tsivilizatsii;
kriticheskiy ocherk. Erevan, Izd-vo Akad. nauk
Armianskoi SSR, 1962, 177 p. (Proty burzhuznoi
ideologii, no 3)

TOYS

Constructor. N. Litvinova. Sem'ia i shkola 21 no 3:62
My '66.

Geometry and... blocks. N. Litvinova. Sem'ia i shkola
21 no 2:6-8 F '66.

TRACE ELEMENTS

(see also subdivision under Elbrus Mount region,
Lvov-Volyn' Basin, Ural Mountain region)

Distribution of microelements in phosphorites. V. V.
Nasimov. Dop. AN URSR no 2:229-231 '66.

Further observations on the content of some micro-
elements in vegetable food products. L. L. Iov, L. K.
Pantitskaya, A. S. Samsonova. Voprosy pit. 25
no 2:81-85 My '66.

TRACE ELEMENTS—EFFECT ON PLANTS see

Plants, Effect of trace elements on

TRACE ELEMENTS—EFFECT ON SEEDS see

Seeds, Effect of trace elements on

TRACE ELEMENTS—PHYSIOLOGICAL EFFECT

(see also subdivision under Saransk region)

Effect of feeding zinc and iodine salts on the indices of
the blood and semen of head bulls. I. A. A. Babiy, V. N.
Churikov. Khim. v sel. khoz. no 4:43-45 Ap '66.

Effect of trace elements (cobalt and copper) on the metabo-
lism and clinical picture of sheep with pneumonia. E. F.
Dymko. Trudy AZVI 13:137-142 '64.

TRACHEA

Lymphatic system of the trachea in calves. V. M. Panin.
Trudy AZVI 13:178-181 '64.

TRACK ATHLETICS

A "queen" and her stepchildren. Ef. Rubin. Mol. komm.
no 6:106-109 Jr '65.

TRACTOR INDUSTRY see subdivision under Leningrad

TRACTOR INDUSTRY—INFORMATION SERVICES see

subdivision under Lipetsk

TRACTOR INDUSTRY—MANAGEMENT see subdivision

under Volgograd

TRACTORS

(see also subdivision under Bulgaria; Czechoslovakia,
Germany, East, Poland)

Dynamics of the indices of the operation and repair of
DT-54 tractors as related to their aging. V. V. Duiarov,
M. A. Khailin, G. G. Gerasimov. Trudy Tsel. sel. khoz.
inst. 3 no 3:136-154 '65.

Efficiency of balloon-tire tractors in agricultural
transportation operations. S. I. Babayev. Uch. zap.
AzSKII no 1:118-148 '64.

Indices of tractive and cohesive characteristics of a
multiwheel tractor. V. I. Zadorozhnyi. Avi. transp.
[Kiev] no 2:71-79 '66.

K-700 tractor. B. V. Shishkin. Trakt. i sel. khozmash.
no 5:5 My '66.

MTZ-50/52 "Belarus" tractor. I. I. Drong. Trakt. i
sel. khozmash. no 5:7 My '66.

Method for determining the operational life of tractors.
F. I. Alovchenko. Tekhn. sel. khoz. 41 no 4:73-77 Ap '66.

T-125 tractor. E. M. Mindol'. Trakt. i sel. khozmash.
no 5:6-7 My '66.

Tractor characteristics of the double-drum wheel of the
T-15 tractor. O. N. Losareishvili, M. D. Akvashvili.
Trudy GRUZNINSKII O no 2:91-99 '63.

Tractors of 0, 6 t DT-20 and T-16 classes. Trakt. i
sel. khozmash. no 4:7-8 Ap '66.

Tractors of 0, 9 t T-28KH3 and T-40 classes. A. A.
Kreisl'er. Trakt. i sel. khozmash. no 4:5-8 Ap '66.

Working out the scientific and methodological basis for
the "Tractors and motor trucks" textbook in Azerbaijani.
Kh. K. Kulliev. Uch. zap. AzSKII no 1:179-185 '64.

TRACTORS—ABSTRACTS

[Tractors and agricultural machinery and equipment]
Ref. zhur.: Trakt. i sel. khoz. mash. i orud. nos. 3-4
My '66.

TRACTORS—DYNAMICS

Effect of the type of couplings between a tractor and tools
on the equilibrium of the unit. N. K. Machaashvili.
Trudy GRUZNINSKII O no 2:101-110 '63.

TRACTORS—ELECTRIC EQUIPMENT

Verbitskiy, I. I., S. N. Chernykh, and V. V. Zhukov.
[Repair of the electrical equipment of skidding
tractors and logging trucks] Remont elektrobobudo-
vaniia trelovochnykh traktorov i tesovoznykh avtomob-
ilev. Moskva, Lesnaya promyshlennost', 1965,
118 p.

TRACTORS—ENGINES

Trends in the developments of the basic indices of
foreign tractor engines. S. G. Stopalov, N. Kh. Efron.
Trakt. i sel. khozmash. no 4:44-46 Ap '66.

TRACTORS—HYDRAULIC EQUIPMENT

Results of investigating the automatic hydraulic governor
of the adhesion weight of a tractor. V. F. Dalgovskiy.
Trudy Tsel. sel. khoz. inst. 3 no 3:216-224 '65.

TRACTORS—MAINTENANCE AND REPAIR see sub-

division under Virgin Territory

TRACTORS—RELIABILITY

Methodology for collecting information on the reliability
of tractors. A. I. Nisnevich. Trakt. i sel. khozmash.
no 4:32-34 Ap '66.

TRACTORS—TRANSMISSION DEVICES

Some regulations of the wear of the cogwheels of tractor
transmissions. M. A. Khailin. Trudy Tsel. sel. khoz.
inst. 3 no 3:156-166 '65.

Thermal treatment of camshafts in bulk. I. Sh. Svct and
others. Metaloved. i term. obr. met. no 6:52-54 Je
'65.

TRADE ROUTES see subdivision under Transcaucasia

TRADE UNIONS

(see also subdivision under Africa, Azerbaijan, Chile,
Great Britain, Singapore)

Common policy, comments. Nov. vrem. 23 no 21:2-3 My
'66.

The further expansion of trade-union functions. Theme
No 7. Sov. profsoyuzy 22 no 7:26-30 Ap '66.

Hello, May Day! Sov. profsoyuzy 22 no 8:1-3 Ap '66.

In the Presidium of the Central Committee of the
Trade Union for workers in the coal industry. N. I.
Borychev. Bezop. truda v prom. 7 no 11:38 N '63.

Problems of trade-union organizations in the intensifica-
tion of educational work. Avi. transp. 46 no 4:3-5
/p '66.

The source of Soviet trade-union strength is in the CPSU
guidance. Theme No 8. Sov. profsoyuzy 22 no 8:34-39
Ap '66.

Trade-union matters on the pages of newspapers.
V. Mikhlin. Giarhd. av. 22 no 4:10 Ap '65.

The works committee seal. G. Burd. Sov. profsoyuzy 22
no 8:18-20 Ap '66.

TRADE UNIONS—CONGRESSES

Preparing for the Third International Congress of the
Trade Unions of Workers in the Textile, Clothing,
Leather, and Shoe Industry. A. I. Ayninskaya. Tekst.
prom. 26 no 4:94-95 Ap '66.

Towards the 5th Congress of the Trade Union of Workers
of the Petroleum and Chemical Industries. V. Krivich.
Nefteknik 10 no 9:14-4 S '65.

TRADE UNIONS—ELECTIONS

Results of the report and election trade union confer-
ences. L. Reznik. Nefteknik 10 no 9:10 S '65.

TRADE UNIONS—OFFICERS

Nikolai Mitroshin's test. A. Surovtsev. Sov. profsoyuzy
22 no 7:16-18 Ap '66.

TRADEMARKS

[Inventions, industrial samples, trademarks] Izobr.,
prom. obraz., tov. znak. 43 nos. 1, 7-8 '66.

TRAFFIC ACCIDENTS

Driver and the results of traffic accidents. E. Lerner.
Avi. transp. 14 no 3:45-46 My '66.

TRAFFIC ENGINEERING see subdivision under Moscow

TRAFFIC SAFETY

(see also subdivision under Moldavia)

Common cause. Avi. transp. 44 no 3:46-48 My '66.

For traffic safety. A. Kataev, A. Shumov. Tekh. i voo-
ruzh. no 9:62-67 S '65.

For traffic safety. O. Lavrov, A. Kotluki, A. Kataev.
Tekh. i voozruzh. no 10:68-71 O '65.

There will be no accidents. V. Ivanov. NTO 8 no 4:
28-29 Ap '66.

TRAFFIC SIGNS AND SIGNALS

Operation of an automatic street traffic regulating system.
I. I. Nelmark, M. A. Fedotkin. Avtom. i telem. no 3:
78-87 '66.

TRAFFIC VIOLATIONS

Decision No 2 of the Plenum of the Supreme Court of the
U.S.S.R. of April 9, 1965, entitled "Judicial practice
in cases involving violations of regulations on traffic
safety and operation of motor vehicles or municipal
electric transportation." Bluz. Verkh. Suda no 3:10-
12 '65.

TRAINING OF EMPLOYEES see Employees, Training of

TRAINING OF TEACHERS see Teachers, Training of

TRANSQUILIZING DRUGS

Effect of tranquilizing drugs on the behavior of the subjects during orientation tests. *Izv. AN SSSR, Ser. biol. i med. nauch. issled.* 1965, no. 4, 3-5.

TRANSBAIKALIA—ASTHMA

Cyclic aggravations of bronchial asthma under the conditions of the sharply continental climate of Transbaikalia. Zh. S. Zubarevich. *Nek. vop. klim. i kraev. pat.* no. 4, 35-37 '65.

TRANSBAIKALIA—BASAL METABOLISM

Basal metabolism in man in the ultracontinental climate of eastern Transbaikalia. P. A. Zolotov. *Nek. vop. klim. i kraev. pat.* no. 4, 41-44 '65.

TRANSBAIKALIA—BLOOD—ANALYSIS AND CHEMISTRY

Comparison of the picture of peripheral blood in Transbaikalia and the Ukraine. V. A. Kozlov, I. L. Kirnos. *Nek. vop. klim. i kraev. pat.* no. 4, 44-46 '65.

TRANSBAIKALIA—BLOOD PRESSURE

Level of arterial pressure in healthy persons (17-25 years of age) in Transbaikalia. V. A. Kozlov, V. V. Kokhanskii. *Nek. vop. klim. i kraev. pat.* no. 4, 23-25 '65.

TRANSBAIKALIA—CLIMATE, MEDICAL

Cyclic aggravations of bronchial asthma under the conditions of the sharply continental climate of Transbaikalia. Zh. S. Zubarevich. *Nek. vop. klim. i kraev. pat.* no. 4, 35-37 '65.

TRANSBAIKALIA—COPPER ORES

Fossil sand bars in the uppermost rock mass of the Uralinsk deposit (southern Transbaikalia). E. I. Burtyev, I. V. Bogdanov. *Lit. i pol. iskop.* no. 2, 38-49 '65.

TRANSBAIKALIA—GEOLOGY, STRATIGRAPHIC

Genetic approach to the stratigraphy of continental sediments as revealed by a study made in eastern Transbaikalia. I. U. P. Pashin. *Izv. AN SSSR, Ser. geol.* 31 no. 4, 115-121 Ap '65.

TRANSBAIKALIA—GLAUCOMA

Course of glaucoma in Transbaikalia. T. G. Uglova, E. I. Valser. *Nek. vop. klim. i kraev. pat.* no. 4, 39-41 '65.

TRANSBAIKALIA—GOLTER

Endemic golter in Transbaikalia. G. V. Averina. *Nek. vop. klim. i kraev. pat.* no. 4, 61-63 '65.

TRANSBAIKALIA—GRANITE

Comparative behavior of tin in granites containing tin and not containing tin in eastern Transbaikalia. L. V. Tauson, M. I. Kuz'min, V. A. Legeldo. *Geokhimiya* no. 2, 161-167 F '65.

TRANSBAIKALIA—HEARTBEAT

Characteristics of systolic and diastolic pressure in 3 to 12 year-old children in Transbaikalia. M. S. Khalitova. *Nek. vop. klim. i kraev. pat.* no. 4, 25-26 '65.

TRANSBAIKALIA—ORE DEPOSITS

Changes in the composition of ores with depth in the Suvstoye No. 3 deposit (eastern Transbaikalia). M. A. Chitskin, N. M. Chumachenko. *Geol. rud. mestorozh.* 8 no. 2, 109-112 Mr.-Ap '65.

Effect of hydrothermally altered rocks on the formation of complex metal ore bodies and their morphology in the Bugodatsk deposit (eastern Transbaikalia). E. V. Antshevskii. *Izv. vyz. ucheb. zav., geol. i razv.* 9 no. 4, 77-85 Ap '65.

TRANSBAIKALIA—PARASITES—BIRDS

Ticks of the Rhinonyssidae trouessarti family parasiting in the nasal cavities of birds of Transbaikalia. T. T. Isakova. *Nek. vop. klim. i kraev. pat.* no. 4, 87-91 '65.

TRANSBAIKALIA—PARASITES—MICE

Gamasid mites of the nests of the field mouse of the steppe zone of Transbaikalia. G. N. Volikova, F. I. Zaitkova. *Nek. vop. klim. i kraev. pat.* no. 4, 85-87 '65.

TRANSBAIKALIA—PHYSIOLOGY, PATHOLOGICAL

Physiological background as an index of the reactivity of the body. V. A. Kozlov. *Nek. vop. klim. i kraev. pat.* no. 4, 3-5 '65.

TRANSBAIKALIA—SANDBARS

Fossil sandbars in the uppermost rock mass of the Uralinsk deposit (southern Transbaikalia). E. I. Burtyev, I. V. Bogdanov. *Lit. i pol. iskop.* no. 2, 38-49 '65.

TRANSBAIKALIA—TIN

Comparative behavior of tin in granites containing tin and not containing tin in eastern Transbaikalia. L. V. Tauson, M. I. Kuz'min, V. A. Legeldo. *Geokhimiya* no. 2, 161-167 F '65.

TRANSBAIKALIA—TONSILS—DISEASES

Comparative characteristics of tonsillitis in Transbaikalia and Leningrad. V. A. Korlov, F. T. Porkhun, A. I. Baturin. *Nek. vop. klim. i kraev. pat.* no. 4, 33-35 '65.

Epidemiology and clinical aspects of tonsillitis in Transbaikalia. A. I. Baturin. *Nek. vop. klim. i kraev. pat.* no. 4, 27-30 '65.

TRANSCARPATIA—ANTIQUITIES

The origin and chronological dates of Kushanovitsy-type monuments in Transcarpathia. G. I. Smirnova, K. V. Burdakovich. *Arheol. sbor. [Etim.]* no. 7, 89-115 '65.

TRANSCARPATIA—FARM BUILDINGS—FIRES AND FIRE PREVENTION

In the "Prifordonnik" Collective Farm. M. Gusev. *Pozh. delo* no. 11, 24 N '65.

TRANSCARPATIA—FORAMINIFERA, FOSSIL

Lagenidae zone from Tortonian sediments in Transcarpathia. I. V. Venglinskii. *Geol. i geokhim. mestorozh. i ver. goi. isk.* no. 1, 99-107 '65.

TRANSCARPATIA—GEOLOGY, STRATIGRAPHIC

New data on the distribution of Miocene sediments in the Transcarpathian Trough. I. V. Venglinskii, S. I. Kantolinskii, B. S. Tereshchuk. *Geol. zhurn.* 26 no. 1, 89-92 '65.

TRANSCARPATIA—GOLD ORES

Gold in the sulfide ores of the Beregov Hills (Transcarpathia). H. I. Knaaziev, V. K. Kudelin. *Dop. AN URSR* no. 2, 236-240 '65.

TRANSCARPATIA—LIGNITE

Fossils of the Il'itsa lignite deposit (Transcarpathia). V. I. Uziuk. *Geol. i geokhim. mestorozh. i ver. goi. isk.* no. 1, 30-41 '65.

TRANSCARPATIA—SULFIDES

Gold in the sulfide ores of the Beregov Hills (Transcarpathia). H. I. Knaaziev, V. K. Kudelin. *Dop. AN URSR* no. 2, 236-240 '65.

TRANSCARPATIA—VOLCANOES

New data on the manifestation of volcanism in the western part of the Transcarpathian inner trough. A. A. Matveeva, L. G. Danilovich. *Geol. i geokhim. mestorozh. i ver. goi. isk.* no. 1, 91-98 '65.

TRANSCARPATIA IN LITERATURE AND ART

Story of the creation of "A nameless land," Ivan Olbrach's first book on Transcarpathia. N. F. Kopystinskiy, V. L. Goshovskii. *Sov. slav. no.* 3, 55-62 '65.

TRANSCAUCASIA—BUILDING MATERIALS INDUSTRY

Coordination of the development of the nonmetallic building materials industry in Transcaucasia. K. Shonjan. *Prom. Arm.* 7 no. 4, 9-11 Ap '64.

TRANSCAUCASIA—ELECTRIC EQUIPMENT INDUSTRY

Further specialization and cooperation in the electric equipment industry in Transcaucasia. S. Avetisyan. *Prom. Arm.* 7 no. 4, 25-28 Ap '64.

TRANSCAUCASIA—ETHNOLOGY—BIBLIOGRAPHY

Annotated bibliography of studies on the ethnography of Transcaucasia, published in 1964. T. Aristova. *Sov. etn.* no. 2, 168-177 Mr.-Ap '65.

TRANSCAUCASIA—RAILROADS—MANAGEMENT

Scientific organization of work on the Transcaucasian Railroad. *Zhel. dor. transp.* 48 no. 1, 86 Ap '65.

TRANSCAUCASIA—REVOLUTION OF 1905

Isaakian, G. A., comp. [Central newspapers of the Russian Social Democratic Party about Transcaucasia in 1905] *Tsentrallye gazety RSDRP o Zakavkaz'e* 1905 g., sbornik. Ercvan MMR, '65. 267 p.

TRANSCAUCASIA—TRADE ROUTES

Ancient trade route in Transcaucasia. T. K. Gamsakhurdia. *Soob. AN Gruz. SSR* 41 no. 3, 761-768 Mr '66.

TRANSCAUCASIA—WHEAT BREEDING

Geographical distribution and genetic control of wheat in Transcaucasia. V. I. Doroshenko. *Izv. vuzov. sel. khoz. nauch. issled.* no. 11 '65.

TRANSDUCERS

Calculation of superimposed transducers with feedback. I. I. Kifer, V. S. Pavlitskii. *Defektoskopiya* 1 no. 1, 16-23 '65.

Calibration of piezoelectric transducers with impact in impact actions. S. B. Bendlov, A. I. Shchegolev. *Trudy MFTI* no. 221, 110-112 '60.

Designing power fed piezoelectric transducers. R. I. Zhechenko. *Vest. KBPI* no. 1, 169-170 '65.

Hydraulic transducer for aligning ingot molds. V. S. Kochev, V. M. Zinechenko, A. M. Tupikov. *Metalloved.* no. 4, 10 Ap '60.

Induction transducer for measuring displacement values in a fluid medium. V. V. Bogdanov, I. V. Golubev. *Avt. prom.* 12 no. 3, 11 Mr '65.

Magnetoresistance transducers made from MnS₂. S. Sukhanov, M. V. Arutunyan, V. I. Gerasimov. *AN Turk SSR Ser. fiz. i tekhn. nauch. issled.* no. 2, 15-19 '65.

Measuring impact loads with magnetostatic transmitters of a transformer type. M. N. Vasil'skii, M. I. Stoliun, S. V. Karas'. *Izv. vyz. ucheb. zav. i zhurn.* 9 no. 2, 117-122 '65.

Photomanometric transducers of the amplitude of pressure fluctuations. A. D. Gerletn. *TSvet. tekhn.* 30 no. 4, 11 Ap '60.

Self-excited transducer. V. I. Vasyukov. *Avt. prom.* 11 no. 2, 34-37 '65.

Study of a multidimensional force field periodicity in piezoelectric elements. S. B. Bendlov. *Trudy MFTI* no. 221, 102-109 '60.

TRANSFER OF EMPLOYEES see Employees, Transfer of

TRANSIENTS (DYNAMICS)

Measuring impact loads with magnetostatic transmitters of a transformer type. M. N. Vasil'skii, M. I. Stoliun, S. V. Karas'. *Izv. vyz. ucheb. zav. i zhurn.* 9 no. 2, 117-122 '65.

TRANSIENTS (ELECTRICITY)

Reducing current transients of the electric power system of a substation during the lightning wave propagation. P. V. Kuznetsov. *Sud. tekhn.* 1 no. 1, 168 '64.

Use of electrical analogies in the study of wave processes during shock loads. S. B. Bendlov. *Trudy MFTI* no. 221, 30-36 '60.

TRANSISTOR AMPLIFIERS

Designing of d.c. amplifiers. B. P. Sokolov, V. I. Vakhrameev, I. K. Kuznetsov. *Radio Engng. Electron. Phys.* 10 no. 2, 106-111 '65.

Logarithmic video amplifier using transistors with parallel nonlinear feedback. V. M. Votkov, V. I. Renko. *Radioelektronika* 21 no. 4, 25-32 Ap '65.

Low-frequency transistorized bridge-type amplifier. V. Nosov. *Radio* no. 3, 36-37 Mr '65.

Phonograph amplifier. L. Syganova. *Radio i svyaz* 1 Mr '65.

Using one transistor. B. Kala. *Radio* no. 3, 11 Mr '65.

TRANSISTOR CIRCUITS

In foreign countries. *Radio* no. 3, 50-60 Mr '65. Udlich, M. Z. [Translator electronic circuits] *transistorov elektroniki*, Moskva, 1964, 114 p.

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTOR RADIOS

Receiver with straight amplification. M. Shchegolev, A. Skotnikov. *Radio* no. 3, 34-35 Mr '65.

Trokhimenko, I. A., K. [Radio receivers using transistors] *Radioelektronika* 21 no. 4, 25-32 Ap '65.

Ispr. i dop. Kiev, Tekhnika, 1965. 437 p.

TRANSISTORS

Feedback in negative resistance devices. B. A. Gerasimov. *Radioelektronika* 21 no. 4, 16-24 Ap '65.

Parameters of power transistors in saturation state. F. F. Barsov. *Elektrosvyaz* 20 no. 3, 77-80 Mr '65.

Protection of p-n-p-n devices from short circuit currents. E. V. Viaznikovskiy, I. V. Moushkin, I. V. Muravskii. *Inform. sbor. TSNIMF* no. 142, Tekhn. ekap. mor. flot. no. 39, 22-32 '65.

Some aspects of the dynamics of a transistor trigger. N. I. Ashbel', L. V. Posnikov. *Izv. vyz. ucheb. zav. i zhurn.* 9 no. 1, 182-185 '60.

TRANSISTORS—RELIABILITY

Shchegolev, I. A., Udlich, M. Z., and V. S. Mitin. [Effect of stability of transistors and the reliability of radio electronic equipment] *Uspokoyeniye ustoychivosti radioelektronicheskogo pribora*, Moskva, 1965. 255 p.

TRANSISTORS—TESTING

Studying semiconductor devices in a school laboratory. R. I. Il'isev, I. G. Morozova. Izv. shk. no. 2 118-119 '65.

TRANSITION METAL COMPOUNDS

Complex compounds of manganese, zinc, and copper sulfates with 2-chloro-2-butene. R. A. Karapelian, S. N. Avakian. Zhur. obshch. khim. 36 no. 4 754-758 Ap '66.

TRANSITION METAL COMPOUNDS—OPTICAL PROPERTIES

Interrelation between the optical and thermodynamic characteristics of transition metal compounds. K. B. Akshimovich, T. G. L. Kuperikhan. 2 no. 1-3-11 '66.

TRANSITION METAL COMPOUNDS—THERMODYNAMICS

Interrelation between the optical and thermodynamic characteristics of transition metal compounds. K. B. Akshimovich, T. G. L. Kuperikhan. 2 no. 1-3-11 '66.

TRANSITION METAL SILICIDES

Solubility of transition metal silicides in HNO_3 and H_2SO_4 . I. S. Verkhovskaya, O. I. Viskari, Z. I. Gladyshevskii, P. A. Shch. 6 no. 4 69-71 Ap '66.

TRANSONIC AERODYNAMICS see Aerodynamics, Transonic

TRANSPLANTATION OF ORGANS, TISSUES, ETC.

Problem of experimental transplantation of hemopoietic tissue. R. V. Petrov. Probl. gemat. i perel. krovi 11 no. 2 23-26 P '66.

Some ways of overcoming experimental secondary diseases. R. V. Petrov, I. M. Zaretskaya. Probl. gemat. i perel. krovi 11 no. 2 31-38 P '66.

TRANSPORTATION

(see also subdivision under Kharkov; Sweden, Volga Valley)

Development interurban passenger traffic by combined transportation. B. Krylov. Avt. transp. 44 no. 1 11-12 Mr '66.

TRANSPORTATION—ABSTRACTS

[Container shipments and the interaction of various types of transportation] Ref. zhur.: Vozmozh. raz. vid. transp. ikom. porry. nos. 3-4 Mr-Apr '66. Prikladnykh ikazatel' za 1965 g. [Industrial transportation] Ref. zhur.: Prom. transp. nos. 3-4 Mr-Apr '66. Avtomobil' ikazatel' za 1965 g.

TRANSPORTATION—EXHIBITIONS

International Exhibition of Means of Transportation and Communication. V. Ivanenko. Rech. transp. 25 no. 3 52-53 '66.

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under Armenia, Krasnodar Territory; Kurgan Province; Novosibirsk)

Advantages of the automotive transportation variant in freight haulage. A. Kuchimskii, I. Rezuk. Avt. transp. 44 no. 3 9-10 Mr '66.

Brullov, A. E. [Management of highways] Ekspluatatsiya avtomobil'nykh dorog. Izd. 3. Moskva, Transport, 1960. 323 p.

Carry out the directives of the party. Avt. transp. 40 no. 3 1-2 Ap '66.

Coordination of water and automotive transportation. A. Palkin. Rech. transp. 25 no. 3 11-13 '66.

Efficiency of balloon-tire tractors in agricultural transportation organization. S. K. Hubarev. Izh. zap. Azst. 111 no. 1 143-148 '64.

In the working committee on automotive transportation of the Mutual Economic Assistance Council. A. Volnov. Avt. transp. 44 no. 3 61 Mr '66.

Mathematical statistical method of selective investigation of the flow of passengers. B. Goroshin, D. Dzhumaev. Avt. transp. 40 no. 4 43-44 Ap '66.

Order of planning and financing transportation for geological prospecting. P. V. Polozhnev, L. A. Tabenskii. Izv. vyz. uchob. zav.; goot. i razv. 9 no. 4 133-135 Ap '66.

Readers' letters. Avt. transp. 44 no. 3 50 Mr '66.

Readers' letters. Avt. transp. 43 no. 4 40 Ap '66.

Urgent tasks of the first year of the five-year plan. I. Verkhovskii. Avt. transp. 44 no. 3 1-3 Mr '66.

Utilize all potentialities. A. Belozerskikh. Avt. transp. 44 no. 4 40 Ap '66.

Women in automotive transportation enterprises. Avt. transp. 44 no. 3 5-6 Mr '66.

TRANSPORTATION, AUTOMOTIVE—ABSTRACTS

[Automotive and city transportation] Ref. zhur.: Avt. i gor. transp. no. 4 Ap '66.

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING

(see also subdivision under Ukraine)

TRANSPORTATION, AUTOMOTIVE—FREIGHT

(see also subdivision under Kharkovsk Territory)

Control over the settlement of accounts in automotive transportation. A. Borisova. Den i kid. 24 no. 4 43-45 P '66.

Transferring freight haulage from railroads to automotive transportation. R. Slolov. Avt. transp. 46 no. 1 12-14 Ap '66.

TRANSPORTATION, AUTOMOTIVE—MANAGEMENT

(see also subdivision under Kharkov Province, Moscow)

Effectiveness of the specialization of the motor-vehicle fleet. S. Osushenko. Avt. transp. 44 no. 1 56-57 Mr '66.

The labor organization system in automotive transportation. M. Frankin. Sots. trud. 11 no. 4 101-107 Ap '66.

Pay full attention to the fight for saving material resources and monetary funds. Avt. transp. 44 no. 3 3-4 Mr '66.

Selecting rolling stock with optimum carrying capacity for conveying routes. A. I. Volkut. Avt. transp. [Kiev] no. 2 3-15 '66.

Ways for the improving the utilization of motor vehicles. M. Frankin. Avt. transp. 44 no. 3 58-59 Mr '66.

TRANSPORTATION, AUTOMOTIVE—RATES

Important economic lever. Avt. transp. 41 no. 3 10-12 Mr '66.

TRANSPORTATION, MILITARY

March in the mountains. G. I. Triapkin. Vest. protivovozy. obor. no. 8 39-41 Ag '65.

TRANSPORTATION, MILITARY—STUDY AND TEACHING

Class on transportation training for troops. M. Neizka. Ty i snab. Sov. Voysk. 20 no. 7 33-40 Mr '66.

TRAVELING-WAVE TUBES

Application of the system of equations of a traveling-wave tube to the theory of a reflex transit klystron. N. M. Sovolov, K. N. Saoplov, Izv. vyz. uchob. zav.; radioelektr. 9 no. 1 42-51 Ja-F '66.

Contribution to the linear theory of a relativistic traveling-wave tube. N. M. Sovolov, A. N. Shestoporov. Izv. vyz. uchob. zav.; radioelektr. 9 no. 1 52-59 Ja-F '66.

Derivation of a frequency shift using a traveling-wave tube. R. N. Bondarenko, G. I. Gladyshev. Izv. vyz. uchob. zav.; radioelektr. 9 no. 1 140-139 Ja-F '66.

Experimental study of electron interaction with a traveling-wave field in a strophotron. P. A. Byrdovskii, A. F. Buldygin. Izv. vyz. uchob. zav.; radiofiz. 9 no. 1 209-211 '66.

Frequency characteristics of a composite traveling-wave tube for limited cases of system sections connection. E. I. Tarasenko, M. I. Polgina. Izv. vyz. uchob. zav.; radioelektr. 9 no. 1 126-130 Ja-F '66.

TRAVERSSES (SURVEYING)

Kononov, V. G. [Presentation of the accuracy of traverses] Predvychislennye tochnosti poligonometricheskikh khodov. Moskva, Nedra, 1960. 110 p.

TREATIES

Lukashuk, I. I. [Treaties to international agreements] Sbornik vmezhdunarodnykh dogovorakh. Moskva, Izdaticheskaya literatura, 1960. 150 p.

TREE PLANTING see subdivision under Kazakhstan; Zaporozhye

TREES

Effect of growth promoting substance of petroleum origin on the germination of pollen of introduced woody plants. L. U. Kravchanka. Vestn. AN BSSR. Ser. biol. nav. no. 1 28-34 '66.

Formation and vitality of root systems of woody plants in pure and mixed stands. I. N. Hakhteenka. Vestn. AN BSSR. Ser. biol. nav. no. 1 16-24 '66.

TREES—FROST RESISTANCE see subdivision under Erivan

TREES—PHYSIOLOGY

Some changes in the physiological processes, anatomic structure, and chemical composition of linden and oak seedlings induced by gibberellin. A. Juodvalkis. Fiziol. rast. 13 no. 2 315-348 Mr-Apr '66.

TREJOS, JOSE JOAQUIN, 1917-

People and events: Jose Joaquin Trejos Ivar Lande. Nov. vrem. 23 no. 22 12, 30 My '66.

TREMATODA

(see also subdivision under Georgia)

Dactylogyus fauna of Iran. A. V. Gusev. Dokl. AN SSSR. 167 no. 4 950-952 Ap '66.

Morphological and biological characteristics of trematodes from the family Dicrocoelidae Odner, 1911. M. M. Tokobae, L. S. Logacheva. Zool. zhur. 45 no. 3 315-351 '66.

Study of monogenetic trematodes of fishes in South Surkhan Reservoir. B. Altamurov. Dop. AN URSR no. 3 412-414 '66.

TREMOR

Elimination and prevention of bilgeon-induced tremor in white mice. P. M. Dozoriseva. Farm. izvest. 28 no. 2: 206-209 Mr-Apr '66.

TREPONEMA PALLIDUM

Effect of X-ray irradiation on the development of orchitis in rabbits and the quality of antigen used in the immobilization reaction for Treponema pallidum. L. D. Butovetskii. Zhur. mikrobiol., epid. i immun. 43 no. 3 131-131 Mr '66.

TRIAZINE

Polyesters containing 5-triazine rings in a polymer chain. Z. N. Puzenko, V. N. Skopenko, S. A. Frenkel'. Ukr. khim. zhur. 32 no. 3 305-306 '66.

Quantitative determination of triazine, almarine, and propazine by infrared absorption spectroscopy. V. I. Likhin, N. P. Makarova, S. S. Dubov. Zav. lab. 41 no. 5 561-568 '65.

TRICHINA AND TRICHINOSIS

(see also subdivision under Kazan; Mordovia)

Search for specific therapy for trichinellosis. Report No. 2. Trichinella in experimental trichinellosis in rats. A. E. Fiol'tsova and others. Med. parazit. i parazit. bol. 15 no. 1 102-106 Ja-F '66.

TRICHODESMA

On the needs of Trichodesma inconnu Bge and Helotripleura inconnu Bge. R. R. Avienova, A. L. Markman, A. U. Umarov. Urb. khim. zhur. 9 no. 3 35-40 '65.

TRICHOMONIASIS

Mirzagalov, M. U., and A. M. Golezovker. [Trichomoniasis of the genitourinary organs in males] Trichomoniasis moshchepolovnykh organov u muzhchik. Tashkent, Meditsina UzSSR, 1965. 54 p. (ONLM)

TRICHOETECIN

Effect of specific components of the medium on the metabolism in fungi and the formation of antibiotics. Report No. 1. Effect of glycerol, glycero-phosphate and sodium fluoride on the formation of antibiotic trichothecin and the respiration of the product. R. A. Maksimova and others. Nauch. dokl. vyz. shkoly. biol. nauk. no. 2 183-187 '66.

TRIOXANE

Effect of pressure on the iodine initiated solid-phase polymerization of trioxane. A. A. Zhurav, A. I. Al. Berlin, N. S. Enkoloplin. Dokl. AN SSSR. 167 no. 5 1087-1089 Ap '66.

Solubility of trioxane in some solvents. V. I. Likhin, E. L. Cherkashina. Zhur. prikl. khim. 39 no. 3 722-725 Mr '66.

TRITICUM-AGROPYRON HYBRIDS

Inheritance of perenniality in the 5B-chromosome wheats. V. P. Likhinova. Bull. Glav. bot. sada no. 60 26-31 '65.

TRITIUM

Reactions of fast T^3 ions with benzene in the solid phase. I. S. Kuklin, L. P. Firova, A. N. Resmelanov. Vest. Mosk. un. Ser. 2: Khim. 21 no. 1 60-64 Ja-F '66.

TROPICAL CROPS see subdivision under Georgia

TRUCK TRAILERS

Efficiency of the use of semitrailers. K. Varunov. Avt. transp. 40 no. 4 47 Ap '66.

TRUCK TRAILERS—BRAKES

Improving the brake drive of the 2-PN-2 trailer. I. Istomin, A. Erankov. Avt. transp. 40 no. 4 39 Ap '66.

TRUSKAVETS (UKRAINE)—HEALTH RESORTS, WATER-INO PLACES, ETC.

Changes in the protein fractions of the blood serum in renal patients under the effect of sanatorium treatment at Truskavets. M. A. Dudchonenko. Vop. kur., fizioter. i lech. fiz. kul't. 31 no. 1 45-49 '66.

TRYPANOSOMA

Growth inhibition of the mutant of Staphylococcus aureus strain No. 200 UP-3 by Schizotrypanum cruzi culture. I. N. Pozniogova, G. G. Matveeva. Antibiot. 31 no. 2: 168-171 F '66.

TRYPSIN

- Life of the hydrolysis of denaturated hog pepsin by trypsin V. V. Stetsko, R. A. Maizeva Khim. prirod. sost. no. 2:128-137 '65
- Hepatic-trypsin complex, and its effect on the fibrinolytic properties of the blood in vitro and in vivo B. A. Kudryashov and others, Vop. med. khim. 11 no. 3:45-52 My-Je '65
- Influence of preliminary treatment with substrate on the thermal effect in the UV-radiated trypsin, V. N. Luzikov, T. V. Troshkina Radiobiologiya 6 no. 2:328-329 '66

TRYPTOPHAN

- Chromatographic examination of tryptophan metabolites in the urine in Itsenko-Cushing's disease, G. A. Shepov, G. V. Chernov, V. D. Ivanova, Vop. med. khim. 12 no. 2:189-192 Mr-Apr '66
- Tryptophan, its metabolites and carcinogenesis, L. A. Cheikos, Vop. pit. 25 no. 2:15-24 Mr-Apr '66

TSELINYY KRAY see Virgin Territory

TSELINOGRA PROVINCE—COMMUNIST YOUTH LEAGUE

- Live and dead formulas A. I. Gidman Mol. komm. no. 3:84-90 Mr '65
- Where the horizons begin? P. Skobekhin Mol. komm. no. 5:56-58 Je '64

TSELINOGRA PROVINCE—SOILS—DENSITY

- Optimal soil density for the growth of farm plants in southern carbonate-rich Chernozems of Tselinograd Province, A. M. Vasiliev, I. B. Revut, Shor, trud. po agron. fiz. no. 11:95-102 '65

TSELINOGRA PROVINCE—SOLONETZ SOILS

- Improvement of Solonetz soils in Tselinograd Province using synthetic soil conditioners, O. A. Agafonov, I. B. Revut Shor, trud. po agron. fiz. no. 11:150-155 '65

TSELINOGRA PROVINCE—SUGAR BEETS—FERTILIZERS AND MANURES

- Improving ripening time and productivity of sugar beets, L. G. Dobranov, K. T. Verzhina Vest sel'khoz nauk [Kazakh.] 9 no. 3:34-37 Mr '68

TSIOLKOVSKI, KONSTANTIN EDUARDOVICH, 1887-1935

- K. E. Tsiolkovski's works in five volumes, A. Fedotov, V. mite knig 6 no. 3:12-13 Mr '66

TSYBIKOV, GOMBOZHAP TSBEBKOVICH, 1873-1930

- Academician B. Ia. Vindimirtov's two letters, G. N. Rumiantsev, Trudy BKNII no. 16:225-227 '65
- New documentary materials on G. Ts. Tsybikov, A. A. Belousov, Trudy BKNII no. 16:222-224 '65

TUARKYR REGION (TURKMENISTAN)—GEOLOGY, STRATIGRAPHIC

- Jurassic spore-pollen complexes of Tuarkyr and their stratigraphic significance, N. U. Nurmashov, Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 2:107-112 '65

TUARKYR REGION (TURKMENISTAN)—PALYNOLOGY

- Jurassic spore-pollen complexes of Tuarkyr and their stratigraphic significance, N. U. Nurmashov, Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 2:107-112 '66

TUBERCULOSIS

- Diagnosis of epidemic hepatitis at a tuberculosis hospital, A. M. Vilderman, Sov. med. 20 no. 4:73-70 Ap '66
- Effect of para-aminosalicylic acid on the secretory function of the stomach under experimental conditions and in patients with pulmonary tuberculosis, I. G. Pashchenko, Sov. med. 20 no. 4:130-134 Ap '66
- Immediate and late results of 160 pulmonary resections for tuberculosis, M. I. Shalnev, M. P. Rumiantseva, Grud. khir. 8 no. 1:78-80 Ja-F '68
- Involution of polycavernous tuberculosis in rabbits treated with antibacterial agents, Ch. G. Putskevich, Antibiotiki 10 no. 4:362-367 Ap '65
- Methodology of bronchoscopic and bronchographic examination under anesthesia with controlled respiration in children with pulmonary tuberculosis and pneumosclerosis, M. V. Shesterina and others, Sov. med. 20 no. 3:42-45 Mr '66
- Significance of the state of the bronchi in the course of the postoperative period in pulmonary tuberculosis, V. D. Lampolskaya, R. I. Alekseychik, Grud. khir. 8 no. 1:72-78 Ja-F '66

TUBERCULOSIS—CONGRESSES

- Vsesoyuznyy s'ezd fiziatrov, 7th, Moscow, 1964. [Transactions of the 7th All-Union Congress of Physiologists] Trudy, Otv. red. F. V. Shebanov Moskva Meditsina, 1966, 693 p. (DNLN)

TUBERCULOSIS—PREVENTION

- Chemoprophylaxis of tuberculosis in servicemen, V. Kh. Bodatov, Voen.-med. zhur. no. 3:41-45 Mr '66

TUBERCULOSIS IN ANIMALS

- Nonspecific allergic reactions detected during the diagnosis of tuberculosis in cattle N. K. Churbakov Vest sel'khoz nauk [Kazakh.] 9 no. 3:74-78 Mr '66
- Tuberculosis in birds and mammals caused by Mycobacterium tuberculosis typus avium R. U. Tuzava Vest AN BSSR, Ser. sel'khoz. nav. no. 1:111-119 '66

TUBERCULOSIS IN POULTRY

- Comparative evaluation of allergical and serologic reactions in tuberculosis of chickens I. A. Holikava, Vest AN BSSR, Ser. sel'khoz. nav. no. 1:120-122 '66
- Tuberculosis in birds and mammals caused by Mycobacterium tuberculosis typus avium R. U. Tuzava Vest AN BSSR, Ser. sel'khoz. nav. no. 1:111-119 '66

TUBES

- Obtaining locally increased thicknesses on thin-walled tubes O. V. Popov, V. I. Trushov, Kuz.-shtam. proizv. 6 no. 10:6-13 O '64

TUBES—TESTING

- Metal hardening in the center of deformation during pipe drawing on floating mandrels G. A. Savin and others, Proizv. trub. no. 15:39-42 '65

TUGBOATS

- Determining the work indices of the fleet by an analysis of the test results based on the theory of similitude A. V. Postnov Trudy TSNIITV 1 no. 16:140-162 '58

TULA—FIREARMS INDUSTRY

- The oldest arms factory, K. Chermashentsev, Tekh. i voornzh. 24 no. 2:10-15 F '66

TULA PROVINCE—FOOD INDUSTRY—MANAGEMENT

- A new planning procedure in operation, G. Novikov, V. Gelmanski, Sov. torg. 39 no. 2:43-46 F '66

TULAREMIA

- Importance of anaplasmosis in the infection of sheep with tularemia, V. V. Kallagin, M. N. Belkov, Veterinariia 42 no. 3:64-66 Mr '66
- Serological methods of examination of farm animals for tularemia I. S. Meshcherikova, M. A. Ivanova, Zhur. mikrobiol., epid. i immun. 43 no. 3:53-55 Mr '66
- Susceptibility of Merino sheep to tularemia, M. N. Belkov, Veterinariia 42 no. 3:31-34 Mr '66

TULIPS

- Winter forcing of tulips L. N. Zaitseva, Bul. Glav. bot. sada no. 60:81-87 '65

TUMANISHVILI FAMILY

- Adademia nauk Gruzinskoi SSR, Tiflis, Institut rukopisei. [Archival materials relating to the political and cultural life of Georgia in the 1870's: Tumanishvili's correspondence with the members of his family] Arkhivnye materialy ob obshchestvenno-kul'turnoi zhizni Gruzii 70-tykh godov XIX veka. Someinaia perepiska Tumanishvili. Tbilisi, Metsniereba, 1965, 267 p. [In Georgian and Russian]

TUMORS

- Deoxyribonucleic acid and protein content in the tumor C-37 of mice at different stages of its development, M. L. Efimov, G. S. Degtiareva, Vop. onk. 10 no. 11:81-83 '64
- Effect of chloroethylamine derivatives of proline on the growth of transplanted tumors, E. M. Shamaeva and others, Vop. onk. 12 no. 4:75-78 '66
- Electrophoretic division of blood serum proteins in patients with tumors T. A. Gorkikhina, I. A. Cherenkovskaya, N. I. Sintina, Vop. onk. 12 no. 4:46-50 '66
- Some characteristics of metastasis of induced tumors and their passages in rats, I. U. S. Krivosheina, Biol. eksp. biol. i med. 61 no. 2:78-82 F '66
- Venous pressure in patients with tumors during anesthesia with artificial pulmonary ventilation, I. A. Frid, A. N. Galushkin Vop. onk. 12 no. 4:35-40 '66

TUMORS—CONGRESSES

- Brief news, Vop. virus. 11 no. 1:110-125 Ja-F '66

TUMORS—TRANSPLANTATION

- Effect of diethyldiphenyldichloroethane on transplantable tumors in animals, E. A. Minenkova, E. M. Vermet', Vop. onk. 12 no. 4:50-55 '66
- Effect of lethal doses of sarcolysine with subsequent transplantation of bone marrow on the growth of mouse and rat transplantable tumors and survival of the animals, N. Ia. Iurchenko, Pat. fiziol. i eksp. terap. 10 no. 1:50-54 Ja-F '66

TUNDRAS

- Absolute and relative absence of forests in the tundra V. V. Kruchkov, Vest Mosk. on Ser. 5 Geogr. 21 no. 2:100-113 Mr-Apr '66

TUNGOKOCHEN DISTRICT—MITES

- Gamasid mites in Tungokochen District of Chita Province, A. S. Bondarichuk, Nek. vop. khim. i tekhn. no. 4:94-96 '65

TUNGSTATES

- Kinetics and mechanism of the epoxidation of ethylene with hydrogen peroxide and the catalyst by tungsten, V. V. Sapunov, N. N. Lichedev, Zhur. org. khim. 2 no. 2:273-280 F '66

TUNGSTEN

- (see also subdivision under Ingichka region, Uzbekistan)

- Genetic and commercial types of tungsten deposits A. M. Rybochkin, Razved. i okh. nedr. 31 no. 7:11-17 '65

TUNGSTEN—METALLOGRAPHY

- Morphology and texture of molybdenum and tungsten carbonyl precipitates N. I. Matushenko, A. A. Bortov, V. V. Sagalovich Fiz. met. i metalloved. 4 no. 1:41-108 Mr '66

TUNGSTEN—METALLURGY

- Investigating the conditions for the decomposition of sodium tungstate and molybdate as well as molybdenum and tungsten by ammonia solutions, A. N. Yelkhan, K. S. Rokova, TSvet. met. 39 no. 3:57-60 Mr '66

TUNGSTEN—SPECTRA

- Spectral method for determining impurities in tungsten and its compounds T. M. Morozhikina, A. M. Sviridov, Zhur. prikl. spekt. 4 no. 3:270-272 Mr '66

TUNGSTEN-COBALT ALLOYS—ELECTROMETALLURGY

- Electrochemical behavior of the VK-6 alloy during anodic treatment A. I. Levin, M. A. Evanchuk, Zhur. prikl. khim. 39 no. 3:501-504 Mr '66

TUNGSTEN CRYSTALS

- Low-temperature recrystallization of tungsten and its crystals, R. I. Gamber and others, Zhur. tekh. fiz. 40 no. 3:520-524 Mr '66

TUNGSTEN ORES

- Genesis of rhythmically zonal granitoid bodies and relations of molybdenum and tungsten mineralization to them, M. M. Povlinskii, Geol. i metallog. 5 no. 2:33-41 Mr-Apr '66

TUNGSTEN-TANTALUM-COBALT ALLOYS—MECHANICAL PROPERTIES

- Structure and the physicochemical properties of Ta-TaC-Co type alloys, V. S. Panov, G. A. Abramov, V. I. Puzko, Izv. AN SSSR, Met. no. 2:120-121 Mr-Apr '66

TUNGSTOGERMANIC ACID

- Tetra-substituted lithium and sodium salts of di-tungstogermanic acid, M. M. Ivanova, E. Ia. Roda, O. M. Balagina, Zhur. neorg. khim. 11 no. 2:320-330 F '65

TUNGUSKA, PODKAMENNAYA see Podkamennaya Tunguska Valley

TUNGUSKA BASIN—ORE DEPOSITS

- Discovery of intrusives bearing sulfide-nickel mineralization at the northeastern margin of the Tunguska syncline, Geol. i metallog. 5 no. 2:33-41 Mr-Apr '66

TUNNELING

- (see also subdivision under Nurek Hydroelectric Power Station; Toktogul Hydroelectric Power Station)
- Aeration of small but very long blind workings, A. I. Alifirov, Met. i gornorud. prom. no. 2:89-90 Mr '66
- Developing approaches during the construction of tunnels, E. P. Alekseyev, Transp. stroit. 15 no. 8:15-19 Ag '66

TUNNELING—SAFETY MEASURES

- Lapo, D. P. [Safety manual for driving tunnels by the underground method] Pamiatka po tekhnike bezopasnosti pri prokhodke tunnell podzemnykh sposobi, Moskva, Stroizdat, 1965, 23 p. (Tekhnika bezopasnosti v stroitel'stve)

TUNNELING—STANDARDS

- Russia (1923- U. S. S. R.) Gosudarstvennyi komitet na delam stroitel'stva. [Instructions for performing and accepting work on the structure of collector tunnels by means of shield driving in cities and at industrial enterprises] Ukazaniia po proizvodstvu i priemke rabot po sooruzheniiu kollektornykh tunnell sposobi shchitovoi prokhodki v gorodakh i na promyshlennyykh predpriyatiakh (SN 322-65), Moskva, Stroizdat, 1966, 37 p.

TUNNELS

Equation determining the form of the underwater part of a water-supply tunnel. G. M. Alekseyev. *Uch. zap. Arsl. III* no. 1 175-178 '61

TURAN PLATEAU—FAULTS (GEOLOGY)—CLASSIFICATION

Large faults of the Turan Plateau and their classification. R. I. Bykov, V. P. Gavrilov, I. P. Polkanova. *Trudy MINKHGP* no. 61 11-50 '66

TURAN PLATEAU—GAS, NATURAL—GEOLOGY

Dependence of the distribution of large accumulations of oil and gas in Mesozoic sediments of the Turan Plateau on a series of geological factors. R. I. Bykov, V. P. Gavrilov, V. A. Tumanov. *Trudy MINKHGP* no. 61 37-45 '66

TURAN PLATEAU—GEOLOGY, STRUCTURAL

Some characteristics of the Pre-Cretaceous tectonics of the Turan Plateau. R. I. Bykov, V. P. Gavrilov. *Nefte-gaz. geol. i geofiz.* no. 127-29 '66

TURAN PLATEAU—PETROLEUM GEOLOGY

Dependence of the distribution of large accumulations of oil and gas in Mesozoic sediments of the Turan Plateau on a series of geological factors. R. I. Bykov, V. P. Gavrilov, V. A. Tumanov. *Trudy MINKHGP* no. 61 37-45 '66

TURBIDITY

Molecular-weight distribution of polydimethylsiloxane elastomers studied by means of turbidimetric titration. V. P. Davydova and others. *Vysokom. soed.* 8 no. 3 136-140 M '66

TURBIDITY—MEASUREMENT

Turbidimetric titration of polymer solutions. M. B. Surukhin, V. K. Lantov. *Zav. lab.* 31 no. 5 517-550 '66

TURBINES

Miller, V. S. [Contact heat exchange in high-temperature machine components]. *Kontaknyy teploobmen v elementakh vysokotemperaturnykh mashin*. Kiev, Naukova dumka, 1966. 182 p.

Study of the operation of pumps and air blowers in low supply conditions. V. I. Polkovskiy, A. A. Levin. *Teplotekhnika* 13 no. 3 18-53 M '66

TURBINES—ABSTRACTS

[Turbine manufacture] Ref. zhuk. Turbostr. no. 3 M '66

TURBINES—MAINTENANCE AND REPAIR

Engel, Kron, I. V. [Repair of the equipment of turbine and chemical shops of electric power plants]. *Sposob remontu oborudovaniya turbinnykh i khimicheskikh tekhnicheskikh osnaniy*. 2. izd., perer. Moskva, Vysshaya shkola, 1966. 204 p.

TURBODRILLS

Efficiency of T56-7 1/2 turbodrills. A. A. Sinitsyn. *Burenie* no. 4 9-10 '66

Some problems of designing radial supports for turbodrills. A. V. Kulichenko, Z. L. Osintuk. *Nef. i gaz. prom.* no. 21-27 Ja-F '66

TURBOGENERATORS see subdivision under Novosibirsk

TURBOGENERATORS—SAFETY MEASURES

Change in the network of an RTF-3 type filter relay for negative sequence current. Zh. A. Volostichenko, I. U. V. Abramov. *Flek. sta.* 37 no. 2 87-90 F '66

TURBOGENERATORS—WINDINGS

Thermal design of the rotor winding of a hydraulic turbine-generator unit. E. I. Gurevich. *Elektrotehnika* 37 no. 4 10-14 Ap '66

TURBOMACHINES

Oxygen gas turboblower plants. L. S. Anshin, N. D. Serebriannikov, S. A. Fainberg. *Koks i khim.* no. 4 56-57 '66

TURBOMACHINES—RELIABILITY

Increasing the reliability of the starting system of coke-oxygen gas blowers. V. L. Vilonskiy, A. A. Golyukhin, A. I. Zaitsev. *Koks i khim.* no. 4 48-50 '66

TURBULENCE

Attenuation of high turbulence beyond the bottom and surface drowned jumps. V. A. Bazilevich. *Gidravlika* no. 2 15-25 '66

TURCO-ITALIAN WAR, 1911-1912

Turco-Italian War and European states. Z. P. Akhmedovich. *Uch. zap. MGPI* no. 205 164-210 '64

TURKEL TAUB, N. M., 1915-1965

N. M. Turkeltaub; obituary. *Zav. lab.* 31 no. 5 640 '65

TURKISTAN—PERIODICALS—BIBLIOGRAPHY

Experience in compiling the bibliography of the periodicals of Turkistan. N. M. Kul'turasov. *So. bibl.* no. 1 37-41 '66

TURKISTAN—REVOLUTION, 1917-1921

Dochin, N. D. [Sealed in blood]. *Krov' in skreplennaya*. Moskva, Znaniye, 1966. 59 p. (Novoe v zhizni, nauke, tekhnike. X Seriya Molodezhnaya, no. 5)

TURKISTAN—SOVIETS

Nurullin, R. A. [Soviets of the Turkistan A.S.S.R. during the period of foreign military intervention and the civil war]. *Sovety Turkistsanskoy ASSR v period inostrannoy voennoy intervatsii i grazhdanskoy volny*. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 224 p. (MII)

TURKEY—FOREIGN RELATIONS

Kozhanov, V. E. [The role of Turkey in international relations in the Near East after the Second World War, a textbook for students of the Rostov Higher Party School]. *Ro'li Turtsii v mezhdunarodnykh otnosheniyakh na Blizhnem i Srednem Vostoke posle Vtoroy mirovoy volny*, uchebnoe posobie dlya studentov RVPSh Rostov-na-Donu, Vysshaya partinain shkola, 1965. 59 p.

TURKIC LANGUAGES

Akademika nauk Uzbekskoy SSR, Tashkent, Institut yazyk i literatury. [Problems of Turkic language study]. *Voprosy turkologiy*. Pod obshech. red. V. V. Reshetov. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 133 p. (K 75-letiyu chel.-koor. AN UzSSR K. K. Udakhina)

TURKISH PERIODICALS—BIBLIOGRAPHY see Bibliography—Turkmen periodicals

TURKISTAN—ARISTICITYS

Effect of increased temperature on the development of eggs in *Aspilichthys nobilis* (Rich). A. I. Sukhanova. *Izv. AN Turk SSR Ser. biol. nauk* no. 1 85-87 '66

TURKISTAN—ASPERGILLUS

Aspergillus fungi isolated from soils of the Turkmen S.S.R. and their antagonistic properties. Kh. N. Orasov, T. P. Sizova. *Vest. Mosk. un. Ser. 6: Biol. pochv.* 21 no. 1 91-100 Ja-F '66

TURKISTAN—BOTANICAL RESEARCH

Field session of the Scientific Council of the Botany Institute of the Academy of Sciences of the Turkmen S.S.R. A. S. Makhmurov. *Izv. AN Turk SSR Ser. biol. nauk* no. 1 93-91 '66

TURKISTAN—CHIGGERS (MITES)

New species of chiggers (Acari-formae, Trombidulidae) from the birds of Turkmenia. D. G. Shluger, G. S. Bel'skaya. *Izv. AN Turk SSR Ser. biol. nauk* no. 1 64-70 '66

TURKISTAN—CIVIL DEFENSE—STUDY AND TEACHING

Strengthen business connections. B. Ataov. *Vorn. znaniye* 42 no. 4 14-15 Ap '66

TURKISTAN—CONGLOMERATE

Permian-Triassic and Jurassic conglomerates of the Chirchik upland in Turkmenia. V. I. Sokolov, P. V. Giamakov, A. K. Mal'tseva. *Trudy MINKHGP* no. 61 31-36 '66

TURKISTAN—COURTS

Plenum of the Supreme Court of the Turkmen S.S.R. *Biol. i tekhn. sudn.* no. 1 39 '66

TURKISTAN—DESERT FLORA

Characteristics of the age-related composition of desert subshrub populations. I. G. Rustamov. *Izv. AN Turk SSR Ser. biol. nauk* no. 1 29-33 '66

TURKISTAN—FOLDS (GEOLOGY)

History of the development of the surface of the folded basement in western Uzbekistan and eastern Turkmenia in the Mesozoic and Cenozoic. V. S. Kharayev, A. M. Chaygin. *Trudy MINKHGP* no. 61 21-27 '66

TURKISTAN—GAS, NATURAL—GEOLOGY

Trends in prospecting for oil and gas in the southern regions of central Turkmenia. G. I. Anuskiy and others. *Izv. AN Turk SSR Ser. fiz. -tekh., khim. i geol. nauk* no. 2 73-77 '66

TURKISTAN—GAS WELL DRILLING

History of oil and gas well drilling in Turkmenistan. G. G. Zybkina. *Izv. vyz. ucheb. zav. i nef. i gaz* 8 no. 8 61, 64 '65

TURKISTAN—GEOLOGY, STRUCTURAL

Upper Jurassic paleotectonics of the Turkmen S.S.R. K. Mashrykov, R. Ilyurov, K. Amantkhanov. *Izv. AN Turk SSR Ser. fiz. -tekh., khim. i geol. nauk* no. 2 78-82 '66

TURKISTAN—GEOLOGY, STRUCTURAL—CONGRESSES

Soveshchanie po problemam voprosam tektoniki territorii Turkmeniskoy SSR, Ashkhabad, 1964. [Tectonics of Turkmenia and adjacent territories, materials] Tektonika Turkmenii i sopredel'nykh territorii, materialy. Moskva, Nauka, 1966. 239 p.

TURKISTAN—MINERALOGY

Mineralogical composition and correlation variations of Upper Cretaceous sediments in eastern and northeastern Turkmenia. L. A. Sokolovskaya. *Izv. AN Turk SSR Ser. fiz. -tekh., khim. i geol. nauk* no. 2 83-89 '66

TURKISTAN—OIL WELL DRILLING

History of oil and gas well drilling in Turkmenistan. G. G. Zybkina. *Izv. vyz. ucheb. zav. i nef. i gaz* 8 no. 8 61, 64 '65

TURKISTAN—PETROLEUM ANALYSIS

Paraffin and aromatic hydrocarbons in "kotulpanaj" petroleum. B. A. Khanmurov and others. *Izv. AN Turk SSR Ser. fiz. -tekh., khim. i geol. nauk* no. 2 64-68 '66

TURKISTAN—PETROLEUM GEOLOGY

Trends in prospecting for oil and gas in the southern regions of central Turkmenia. G. I. Anuskiy and others. *Izv. AN Turk SSR Ser. fiz. -tekh., khim. i geol. nauk* no. 2 73-77 '66

TURKISTAN—PETROLEUM PIPELINES

Development of petroleum pipelines in Turkmenia. N. Mollov. *Neftianik* 10 no. 9 23-24 S '65

TURKISTAN—PLANTS—CHEMICAL ANALYSIS

Separation of the total of flavone substances from plants using paper chromatography. P. K. Doniev, A. A. Muehchizadev. *Izv. AN Turk SSR Ser. fiz. -tekh., khim. i geol. nauk* no. 2 60-72 '66

TURKISTAN—RAIN AND RAINFALL

Determination of the reference characteristics of rainfall in the southwestern part of the Turkmen S.S.R. G. T. Lezhichnik. *Izv. AN Turk SSR Ser. biol. nauk* no. 1 20-28 '66

TURKISTAN—SAKSAUL

Effect of salt solutions of various concentrations on the germination of saksaul and saltwort seeds. I. I. Lalymsenko. *Izv. AN Turk SSR Ser. biol. nauk* no. 1 49-57 '66

TURKISTAN—SALTWORT

Effect of salt solutions of various concentrations on the germination of saksaul and saltwort seeds. I. I. Lalymsenko. *Izv. AN Turk SSR Ser. biol. nauk* no. 1 49-57 '66

TURKISTAN—STONE FRUIT—DISEASES AND PESTS

Fungal diseases of stone fruit varieties in Turkmenia. N. P. Frolov. *Izv. AN Turk SSR Ser. biol. nauk* no. 1 31-41 '66

TURKISTAN

Effect of technological machining conditions on cutting speed turning parts made of heat-resistant and titanium materials. K. F. Romanov, K. F. Sotnikova. *Vest. mashinostr.* 16 no. 4 64-69 Ap '66

Turning heated built-up parts. B. I. Borisov, G. D. Salo, I. U. Kul'baka. *Mashinostroitel'* no. 4 27 Ap '66

TURKISTAN—DISEASE AND PEST RESISTANCE

Reaction of melon and pumpkins to diseases. M. A. Shebalina, O. I. Sokolova. *Shet. trud. VILR* no. 2 23-31 '61

TUROVA, ANTONINA DANILOVNA, 1905-?

A. D. Turova; on her 60th birthday. *Farm. i toka* 28 no. 4 500-507 Ji-Ag '65

TURPENTINE

Composition of turpentine fractions obtained in the rectification of coriander oil. L. S. Avakova, S. D. Kustova, M. M. Shebalina. *Zhur. prikl. khim.* 39 no. 3 719-722 M '66

Presence of terphenols in Soviet turpentines. I. I. Baryshev, G. V. Mochan, V. I. Kulikov. *Zhur. prikl. khim.* 39 no. 3 672-676 Mr '66

Reaction of turpentines with elementary sulfur. P. A. Levin. *Zhur. prikl. khim.* 39 no. 3 677-682 Mr '66

TURPENTINE

(see also subdivision under Russia, Northern)

Discovery or error? G. B. Olovnikov. *Gidroliz. i leso-khim. prom.* 19 no. 3 31 '66

Effect of modern methods of tapping on the vital activity of Scotch pines. A. A. Vyotskiy. *Rast. res.* 2 no. 1 103-115 '66

Problems of tapping the Schrenk spruce. A. V. Terhne-radnov. *Vest. sel'khoz. nauk [Kazakh.]* 9 no. 3 100-103 Mr '66

UKRAINE—COALS AND POWDER

See the illustrations for and under them in studies on the history of the coal industry in Ukraine. II. I. Pryklych. Ukr. lat. zhur. 10 no. 1:1-1:2. Apr. '66.

UKRAINE—CLAY

Chakanyuk, I. D., and others. [Cherkasskoye deposit of bentonite and polyonokite clays]. Cherkasskoye mesto moshkoye bentonitovoykh i polyonokitovykh glin, Kiev, Naukova dumka, 1966. 121 p.

UKRAINE—COAL MINES AND MINING

Coal industry of the Ukraine in 1965. Dovol. Ukr. 10 no. 1:55-56. Apr. '66.

UKRAINE—COAL MINING AND MINING FINANCE

The financing of capital investments in the coal industry of the Ukraine, and the financing of production funds. B. M. Meglitskiy. Dovol. Ukr. 10 no. 1:1-3. Apr. '66.

UKRAINE—COAL INDUSTRY

Investment of coal in the coal chemical plant. A. A. Hryshchuk. Labor. zhur. 10 no. 1:61-66.

Investment of coal in the coal chemical plant. A. A. Hryshchuk. Labor. zhur. 10 no. 1:61-66.

UKRAINE—COMMUNIST COMPLETION

Completion of the construction of the workers' program. See the study. 1965. 1965. A. V. Kostomarov. Ukr. lat. zhur. 9 no. 3:1-11. '65.

UKRAINE—COMMUNIST EDUCATION

Experience in building communist education in the Ukraine in the course of their study of the socialist system. I. K. Kozlovskiy. Ukr. lat. zhur. 9 no. 2:101-103. '65.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION

1. Communist Party of the Ukraine in the present-day phase of the building of communism. A. A. Hryshchuk. Ukr. lat. zhur. 10 no. 1:1-3. Apr. '66.

A. A. Hryshchuk. Ukr. lat. zhur. 10 no. 1:1-3. Apr. '66.

Results of the work of the collective of the Institute of the History of the Party attached to the Central Committee of the Communist Party of the Ukraine. A. A. Hryshchuk. Ukr. lat. zhur. 10 no. 3:149-150. '65.

Struggle of the Communist Party (Bolshevik) of the Ukraine against the Trotskyist revision of Leninism, 1923-1925. P. P. Babin'skiy, M. A. Komarov. Ukr. lat. zhur. 9 no. 3:1-11. '65.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Activity of Party organizations of the Ukraine in building the economy of socialist work in villages, 1959-1961. B. A. Hryshchuk. Ukr. lat. zhur. 10 no. 1:3-11. Apr. '66.

Activity of Party organizations of the Ukrainian S.S.R. in building agriculture, 1917-1945. A. I. Lavynovych. Ukr. lat. zhur. 10 no. 1:55-60. Apr. '66.

Communist Party of the Ukraine in organizational and political consolidation of the Committees of the Village Poor, 1925-1926. M. D. Hryshchuk. Ukr. lat. zhur. 10 no. 1:1-3. Apr. '66.

1. Party organizations of the Ukraine tried to... 1. Party organizations of the Ukraine tried to... 1. Party organizations of the Ukraine tried to...

1. Party organizations of the Ukraine tried to... 1. Party organizations of the Ukraine tried to... 1. Party organizations of the Ukraine tried to...

UKRAINE—COMMUNIST GOVERNMENT

See the study of the Communist Party (Bolshevik) of the Ukraine against the Trotskyist revision of Leninism, 1923-1925. P. P. Babin'skiy, M. A. Komarov. Ukr. lat. zhur. 9 no. 3:1-11. '65.

UKRAINE—COMMUNISM

1. Party (Bolshevik) of education to the cause of communism. Zbirnyk (Zbirnyk) pravyh komunistiv. Kiev, 1964. 11 p. (Zbirnyk "Zbirnyk" Ukrainy'ko 1964. 11 p. 12).

UKRAINE—COMMUNITY AND SOCIETY

8. Study of the republic before the congresses of the party. Rad. shk. 41 no. 3:8-11. Mar. '66.

UKRAINE—CONSTRUCTION INDUSTRY

At the exhibition of Advanced Construction in the National Economy of the Ukrainian S.S.R. Bud. mat. i konstr. 7 no. 4:3-5. Apr. '66.

High quality in building. I. Rabin. Bud. mat. i konstr. 7 no. 4:3-5. Apr. '66.

UKRAINE—CONSTRUCTION INDUSTRY—MANAGEMENT

Industrialization of construction and scientific labor organization. I. I. Ilyukov. Bud. mat. i konstr. 8 no. 2:3-5. Apr. '66.

UKRAINE—COOPERATION

Cooperativization in the Pechora-Carpathian rocks of the Soviet magnetic anomalies. I. O. Givay, I. V. Shchegolev, V. P. Antukhantsev. Geol. zhur. 26 no. 1:1-12. '66.

UKRAINE—CORN (MAIZE)—ECONOMIC ASPECTS

Economics of corn production in the Ukraine. M. Khar'chenko. Ekon. Rad. Ukr. 8 no. 7:10-22. Apr. '66.

UKRAINE—COINTEGRATION

Genetic types of coinTEGRATION anomalies in the Ukraine. I. I. Givayukov. Geol. zhur. 26 no. 1:1-12. '66.

UKRAINE—CRIMINAL JUSTICE, ADMINISTRATION OF

In the Supreme Court of the Ukrainian S.S.R. Mat. Verkh. Suda. 111. '65.

UKRAINE—CULTURE

Defense of a doctoral dissertation. I. I. Tkachova. Ukr. lat. zhur. 9 no. 2:151-157. '65.

Some problems of the cultural development of the present stage. I. A. Shevchenko. Ukr. lat. zhur. 9 no. 2:57-63. '65.

UKRAINE—DRUGSTORES

From the experience of outstanding drugstore collection. I. K. Kozlovskiy. Ekon. Rad. Ukr. 10 no. 1:60-62. '66.

Wholesale network in the fifth year of the seven-year plan. Ekonom. zhur. 10 no. 3:3-8. '66.

UKRAINE—EDUCATION

In the Ministry of Education of the Ukrainian S.S.R. Rad. shk. 44 no. 3:107-109. Mar. '66.

V. I. Lenin and great revolutionary changes in the public education of the Ukraine. O. R. Muzukovich. Rad. shk. 11 no. 4:1-11. Apr. '66.

UKRAINE—ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Apparatus for welding equipment in the Ukrainian S.S.R. G. V. Hryshchuk, A. A. Kostomarov. Avtom. svary. 19 no. 1:17-25. Mar. '66.

UKRAINE—EXERCISE LIBRARY—CONGRESSES

Results of the 4th Ukrainian Republic Conference on Medical Control and Exercise Therapy. I. V. Muravov, Voprosy, (Izvestiya) Med. i fiz. kul'. 11 no. 1:91-92. '66.

UKRAINE—FARM BUILDINGS

Kudryk, M. P. [Problems of collective farm construction in the Ukraine, 1920-1941]. Pylynia kollektivnoho budyuvannya na Ukraini (1920-1941 r.r.). [Izv. Vyd. v. 1. Vydav. domu, 1965. 277 p.

UKRAINE—FOUNDING

Present status and future development of the Institute of Founding Problems of the Academy of Sciences of the Ukrainian S.S.R. Dop. AN USSR no. 3:415-416. '66.

UKRAINE—GAS FIELD DEVELOPMENT

Results of the development of the petroleum and gas fields in the Ukrainian S.S.R. in the period 1959-1965. A. G. Tondrov. Tekhn. prom. 10 no. 1:1-11. Apr. '66.

UKRAINE—GAS INDUSTRY

Gas industry of the Ukraine on the eve of the 23rd Congress of the CPSU. A. G. Tondrov. Tekhn. prom. 10 no. 3:3-5. '66.

UKRAINE—GAS WELL LOGGING, ELECTRIC

Using interlogging for investigating the cross sections of wells drilled for oil and gas. I. P. Shchegolev, G. I. Givayukov, I. A. Tondrov. Tekhn. prom. 10 no. 1:1-11. Apr. '66.

UKRAINE—GEOCHEMICAL PROSPECTING

Conditions governing the introduction of geochemical prospecting in Moldavia and the Ukraine. B. F. Mitkovich. Geol. zhur. 23 no. 6:6-21. '63.

UKRAINE—GEOLOGY

Program, prospectus, and problems of geological prospecting in the Ukraine. V. S. Popov. Geol. zhur. 20 no. 1:3-13. '66.

UKRAINE—GEOLOGY, STRATIGRAPHIC

New data on Lower Miocene sediments in the southern part of the Ukraine. A. O. Voznyak, A. H. Naid, N. P. Babin. Dop. AN USSR no. 2:333-335. '66.

Stratigraphic scheme of the division of Paleogene sediments in the platform part of the Ukrainian S.S.R. V. U. Zosymovych, M. M. Klushchukova, M. F. Novosylov. Geol. zhur. 23 no. 6:41-50. '63.

Stratigraphic scheme of the Oligocene of the Southern Ukraine. I. I. Givayukov. Dop. AN USSR no. 2:216-219. '66.

UKRAINE—GLACIAL EPOCH

Hydrogeographical characterization of glacial epochs and the formation of the basins of Southern Ukraine. I. I. Givayukov. Nauch. trudy Tavris'k. univ. 1966. Geogr. nuch. no. 31:88-120. '61.

UKRAINE—GRAIN HANDLING

Results of the survey of the best use of continuous lines in processing grain in the Ukraine. I. S. Mikh, I. I. Babin, I. I. Givayukov. Tekhn. prom. 12 no. 3:1-11. Apr. '66.

UKRAINE—HARBORS—EQUIPMENT AND SUPPLIES

Review of the Ukraine during the seven-year period. I. Makhov. Tekhn. prom. 21 no. 3:15-16. '65.

UKRAINE—HEAT ENGINEERING

Scientific activity and future development of the Institute of Technical Thermodynamics of the Academy of Sciences of the Ukrainian S.S.R. Dop. AN USSR no. 2:210-211. '66.

UKRAINE—HISTORICAL GEOGRAPHY—MAPS

Apparatus for the article "Preparation of a historical atlas of the Ukraine." V. K. Kostomarov. Ukr. lat. zhur. 10 no. 1:1-3. Apr. '66.

Preparation of a national atlas of the Ukrainian S.S.R. and a historical atlas as its integral part. A. S. Kostomarov. Ukr. lat. zhur. 10 no. 1:1-3. Apr. '66.

Proposed structure and a tentative list of maps of a proposed historical atlas of the Ukraine. Ukr. lat. zhur. 10 no. 1:1-3. Apr. '66.

Structure and the list of maps of a proposed historical atlas of the Ukraine. I. P. Shchegolev. Ukr. lat. zhur. 10 no. 1:1-3. Apr. '66.

UKRAINE—HISTORICAL RESEARCH

Contribution of studies on the history of the party. M. S. Klymenko. Ukr. lat. zhur. 10 no. 4:157-158. Apr. '66.

Establishment and scholarly activities of the Institute of Historical Research in the early phase of Soviet rule in the Ukraine. M. S. Klymenko. Ukr. lat. zhur. 10 no. 1:1-3. Apr. '66.

Research work of the Institute of History of the Academy of Sciences of the Ukrainian S.S.R. during the year 1964. I. O. Leschenko. Ukr. lat. zhur. 9 no. 2:147-149. '65.

Scientific research work of the Institute of History of the Academy of Sciences of the Ukrainian S.S.R. in 1963. I. O. Leschenko. Ukr. lat. zhur. 8 no. 1:147-149. '64.

Session of a new special scientific council. O. S. Vasylov. Ukr. lat. zhur. 8 no. 1:151-152. '64.

UKRAINE—HISTORY

Socioeconomic development of the left-bank Ukraine in the second half of the 17th and beginning of the 18th centuries. M. M. Tkachenko. Ukr. lat. zhur. 10 no. 1:77-81. Apr. '66.

UKRAINE—HOURS OF LABOR

Progressive work schedule of enterprises. A. Shcherban'. Tekhn. prom. 44 no. 5:23-24. May '66.

Struggle for the 8-hour workday in novots of the Ukraine in 1917. I. O. M. Hryshchuk. Ukr. lat. zhur. 10 no. 1:91-93. '64.

UKRAINE—INDUSTRIAL MANAGEMENT

Analysis in the main substance of economic work in industry. O. Hryshchuk. Ekon. Rad. Ukr. 8 no. 7:73-75. Apr. '66.

Management of industrial management in the Ukrainian S.S.R., 1917-1958. Rozvytok organizatsiino-pravovoykh form upravlinnya promyslovykh Ukrainy'ko 1917-1958 r.r. Kiev, Naukova dumka, 1960. 150 p.

UKRAINE—INDUSTRIAL MANAGEMENT—CONGRESSES

Scientific labor organization is on the agenda. V. Troketa. Ekon. Rad. Ukr. 10 no. 7:90. Apr. '66.

UKRAINE—IRON AND STEEL PLANTS—BY-PRODUCTS

Use of liquid blast-furnace slag in metallurgical plants of the Ukraine. D. N. Roznikov. Met. i gorn. ut. prom. 10 no. 3:79. Mar-Apr. '66.

UKRAINE—IRON AND STEEL PLANTS—LABOR PRODUCTIVITY

Potential for an increase in labor productivity in the blast-furnace plants of the Ukraine. A. V. Zabolotnyi. Met. i gorn. ut. prom. 10 no. 3:10-13. Mar-Apr. '66.

UKRAINE—IRON AND STEEL PLANTS—MANAGEMENT

Potential for increasing the efficient use of investment funds in the iron and steel industry of the Ukraine. V. I. Hryshchuk. Met. i gorn. ut. prom. 10 no. 3:7-8. Mar-Apr. '66.

Technical progress in ferrous metallurgy of the Ukraine during the seven-year plan. N. A. Tkachenko. Met. i gorn. ut. prom. 10 no. 3:3-7. Mar-Apr. '66.

UKRAINE—IRRIGATION

Small-scale irrigation. G. A. Lagunov. Vest sel'khoz. nauki 10 no. 3 36-47 Mr '65.

UKRAINE—IRRIGATION FARMING

Prospects for irrigation farming in the south of the R. S. F. S. R. and the Ukraine and the tasks of science. E. E. Alkisevskii. Vest sel'khoz. nauki 10 no. 3 9-15 Mr '65.

UKRAINE—LABIATAE

Preliminary chemical evaluation of some wild plants of the family Labiatae of the Ukrainian flora. T. V. Zinchenko, Z. F. Khatka. Farmatsev zhur. 20 no. 2 33-39 '65.

UKRAINE—LAW

Recent legislative enactments. Rad pravo 29 no. 4 8-100 Ap '65.

UKRAINE—LAW—CASES

Decisions of the Supreme Court of the Ukrainian S. S. R. Rad pravo 29 no. 4 30-95 Ap '65.

From the supervisory work of public prosecutors. Rad pravo 29 no. 4 97 Ap '65.

UKRAINE—LIGNITE

Petrography of lignites in the eastern part of the Galits'ko-Volyn' Trough. I. A. Papis, E. S. Barloshtinskaya. Geol. i geokhim. mestorozh. i ver. gor. isk. no. 1 28-29 '65.

UKRAINE—LISTERIOSIS

Baranenkov, M. A. [Listeriosis in animals] Listerioz zhivotnykh. Minsk, [Urozhai] 1965. 104 p. (DNAL)

UKRAINE—LOADING AND UNLOADING—MECHANIZATION

Give more attention to the mechanization of loading and unloading work. G. Malovichko. Sov. torg. 39 no. 2, 8-11 F '65.

UKRAINE—LOESS

Physiogeographical characteristics of glacial epochs and the formation of the loesses of Southern Russia. I. U. A. Skvortsov. Nauch. trudy TashGU no. 256. Geog. nauki no. 31, 98-120 '64.

UKRAINE—MATHEMATICS—CONGRESSES

Third Scientific Conference of young Ukrainian Mathematicians. I. G. Kozubovskaya. Ukr. mat. zhur. 18 no. 3, 135-136 '65.

UKRAINE—MEASLES—PREVENTIVE INOCULATION

Reactive properties of live measles vaccine according to data from Kiev and some provinces of the Ukraine. S. N. Terekhov and others. Trudy Len. inst. epid. i mikrobiol. 28 192-195 '65.

UKRAINE—MEDICAL INSTRUMENTS AND APPARATUS

Medical equipment industry in the Ukraine during the final years of the seven-year plan. M. H. Iena. Farmatsev. zhur. 19 no. 3 39-43 '64.

UKRAINE—MIGRATION, INTERNAL

Special features of internal migration in the Ukrainian S. S. R. V. I. Tolstun. Ukr. ist. zhur. 10 no. 4 49-56 Ap '65.

UKRAINE—MILITARY EDUCATION

Deciding condition. F. Zhmachenko. Voenn. znan. 42 no. 5 30-31 My '65.

UKRAINE—MOSSES

Immediate tasks in the karyological study of mosses of the Ukraine. O. I. Vysotskaya. Ukr. bot. zhur. 23 no. 2, 45-48 '65.

UKRAINE—OAK—DISEASES AND PESTS

Type of tree stand and the formation of injurious entomofauna of an oak in artificial plantations of the south-eastern Ukraine. L. G. Apostolov. Nauch. dokl. vys. shkoly, biol. nauki no. 2 17-20 '65.

UKRAINE—OIL WELL LOGGING, ELECTRIC

Using laterologging for investigating the cross sections of wells drilled for oil and gas. I. P. Prilipko, G. L. Trofimenko, E. A. Taratyn. Neft i gaz. prom. no. 1: 12-15 Ja-F '65.

UKRAINE—PETROLEUM PRODUCTION

Results of the development of the petroleum and gas industries in the Ukrainian S. S. R. in the period 1959-1965. A. G. Tumanov. Neft i gaz. prom. no. 1, 3-6 Ja-F '65.

UKRAINE—PETROLEUM REFINING

Some results of the operation of the petroleum refining industry of the Ukraine. R. V. Katrush. Neft i gaz. prom. no. 1 38-41 Ja-F '65.

UKRAINE—PHARMACISTS

Postgraduate training of pharmaceutical personnel. A. I. U. Huts. Farmatsev zhur. 19 no. 3 85-87 '64.

UKRAINE—PHARMACY

Achievements and prospects for the development of control and analytical service in the Ukrainian S. S. R. M. M. Bushnova. Farmatsev zhur. 19 no. 3 31-35 '64.

Activity of the Bureau of Rationalization and Inventions. H. P. Keida. Farmatsev zhur. 19 no. 3 83-85 '64.

Planning of scientific achievements in the field of pharmacy for the next five-year plan (1966-1970). P. L. Sonov. Farmatsev zhur. 19 no. 3 35-36 '64.

Preparation of drugs in the Ukraine prior to the development of drugstores. M. G. Iena. Farmatsev zhur. 20 no. 2 80-83 '65.

UKRAINE—PHOTOGRAPHY—EXHIBITIONS

[Photo 1964] Foto 1964. Shchoritchnyk. Ezhegodnik [Kyiv], Mystetstvo, 1965. [4] p., 76 illus. [In Ukrainian and Russian]

UKRAINE—PLANT PHYSIOLOGY—RESEARCH

Coordinating conference of Ukrainian and Moldavian researchers on plant physiology and biochemistry. V. A. Kapitanchuk. Fiziol. rast. 13 no. 2 380-382 Mr-Ap '65.

UKRAINE—POLITICS AND GOVERNMENT

Makohon, S. E., A. P. Tkach, and V. V. Tsvetkov. [Development of the Soviet state in the Ukraine] Rozvytok Radians'koi derzhavnosti na Ukraini. Kyiv, Polityday Ukrainy, 1965. 114 p.

UKRAINE—POOR

Communist Party of the Ukraine on organizational and political consolidation of the Committees of the Village Poor, 1925. M. D. Berezovchuk. Ukr. ist. zhur. 8 no. 1 84-89 Ja-F '64.

UKRAINE—PRINTING

Development of polygraphy and printing in the years of Soviet government. V. V. Zasans'kyl. Ukr. ist. zhur. 8 no. 1 80-84 Ja-F '64.

UKRAINE—PUBLISHERS AND PUBLISHING

History of Rumanian-Ukrainian publishing relations of the 17th century. H. I. Kotlada. Ukr. ist. zhur. 8 no. 1 99-102 '64.

UKRAINE—RELATIONS (GENERAL) WITH RUMANIA

Postwar cooperation between the scholars and scientists of the Ukrainian S. S. R. and Rumania. I. T. Lisevych. Ukr. ist. zhur. 10 no. 4 87-85 Ap '65.

UKRAINE—RESEARCH

Scientific councils on specific problems. H. T. Pashkova. Dop. AN URSR no. 2 274-275 '65.

UKRAINE—RESEARCH LIBRARIES

Work of the Central Science Library of the Academy of Sciences of the Ukrainian S. S. R. Dop. AN URSR no. 3: 418 '65.

UKRAINE—RETAIL TRADE—MANAGEMENT

Progressive forms of trade in the Ukrainian S. S. R. B. Pashkov, V. Petrov. Sov. torg. 39 no. 2 15-19 F '65.

UKRAINE—REVOLUTION, 1917-1921

Discussion of the studies on history of the Great October. I. U. H. Ukr. ist. zhur. 8 no. 1 151 '64.

Liberation war of the Ukrainian people in 1918 and the ripening of the revolutionary crisis in Germany. H. L. Nikol'nykov. Ukr. ist. zhur. 9 no. 2 32-45 F '65.

Trans-Dnieper division of armored trains in battles for the Ukraine, 1919. T. S. Fedorova. Ukr. ist. zhur. 8 no. 1 87-91 '64.

V. I. Lenin and the establishment of the Soviet Ukrainian state. V. Tsvetkov, Ark. Tkach. Rad. pravo 29 no. 4 17-21 Ap '65.

UKRAINE—RICE

Development of rice growing in the south of the R. S. F. S. R. and the Ukraine. E. B. Velichko. Vest sel'khoz. nauki 10 no. 3 24-27 Mr '65.

UKRAINE—ROLLING MILLS—LABOR PRODUCTIVITY

Production of rolled products in the Ukraine during the seven-year plan. I. R. Besmertny, A. I. Serovatin. Mef. i gornorud. prom. no. 2 40-41 Mr-Ap '65.

UKRAINE—RUNOFF

Characteristics of the runoff of spring waters in the jointing zone of the Upper Cretaceous. O. N. Vlasov-s'kyl. Geol. zhur. 26 no. 1 74-77 '65.

UKRAINE—SHOE INDUSTRY—MANAGEMENT

Economic efficiency of industrial combines in light industry. I. Ruban. Ekon. Rad. Ukr. 6 no. 1 70-73 '65.

UKRAINE—SOCIALIST COMPETITION

Some problems of the development of socialist competition among workers of the heavy industry of the Ukraine, 1946-1950. A. S. Koval'chuk. Ukr. ist. zhur. 8 no. 1 82-85 Ja-F '64.

UKRAINE—SPORTS MEDICINE—CONGRESSES

Results of the 4th Ukrainian Republic Conference on Medical Control and Exercise Therapy. I. V. Muravov. Vop. kur., fizioter. i lech. fiz. kul't. 41 no. 1 91-92 '65.

UKRAINE—SUGAR BEETS

[Glorified by their work, heroes of the sugar beet harvest] Pratseli zvoychent; heroi burakovykh hmit. Kyiv, Urozhai, 1965. 308 p. Ways to concentrate and intensify sugar-beet production. T. A. Oleiev. Ekon. Rad. Ukr. 6 no. 1 71-72 '65.

UKRAINE—SUSLIK

Distribution of loessial silt between the Dnieper and Northern Donets Rivers. V. V. Gvozdev. Nauch. dokl. vys. shkoly, biol. nauki no. 2 32-36 '65.

UKRAINE—TRANSPORTATION, AUTOMOTIVE—ACCOUNTING

Business accounting in automotive transportation. Bukh. mel. no. 4 39-41 Ap '65.

UKRAINE—VEGETABLE GARDENING

Regulate the supply zones of vegetable production enterprises. A. Fedan. Ekon. Rad. Ukr. 6 no. 1 77-78 '65.

UKRAINE—VEGETABLE TRADE

Obstacles in the procurement of potatoes and vegetables in the Ukraine. M. Stepenko. Zakup sel'khoz. pr. no. 3 17-19 Mr '65.

UKRAINE—WATER, UNDERGROUND

Characteristics of the runoff of spring waters in the jointing zone of the Upper Cretaceous. O. N. Vlasov-s'kyl. Geol. zhur. 26 no. 1 74-77 '65.

Comparative evaluation of methods of determining the dynamic resources of underground waters as revealed by a study made in the Ukrainian S. S. R. I. T. Vlasov. Geol. zhur. 26 no. 1 68-73 '65.

UKRAINE—WEATHER CONTROL

Methodology and evaluation of the intensification of precipitation during the cold half of the year in the Ukrainian steppe. M. P. Leonov. Izv. AN SSSR i z. atm. i okeana 2 no. 4 402-413 Ap '65.

UKRAINE—WORLD WAR, 1939-1945

Korsun-Shovchonskivsky battle. O. V. Molestev. Ukr. ist. zhur. 8 no. 1 111-114. '64.

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Lukin, A. A. [Scouts] Razvedchiki. Moskva, Yuzn. 1965. 124 p. (Prochi, tovarishchi!) [3, 164, 1-164] [MICROFILM]

UKRAINE—ZOOLOGICAL RESEARCH—CONGRESSES

Ukrainian republic-wide conference on the problems of "Biological basis of the efficient use, modification and conservation of the plant and animal world." I. U. H. Kuznetsova. Ukr. bot. zhur. 23 no. 2 31 '65.

UKRAINE, WESTERN—GAS INDUSTRY

Economics of the gas industry in the Western Ukraine under foreign rule. N. K. Koval'ev. Izv. vuz. i inst. nauch. neft' i gaz 6 no. 8 115-118 '65.

UKRAINE, WESTERN—INDUSTRIES

Koval'chak, H. I. [Development of industry in the western provinces of the Ukraine for the 20 years, 1939-1958; an historical economic study] Rozvytok promyslovoosti v zakhidnykh oblastakh Ukrainy za 20 rokiv Radians'koi vady (1939-1958 rr.) [Istoriya i ekonomichni narys. Kyiv, Naukova dumka, 1963. 183 p.

UKRAINE, WESTERN—INTELLECTUALS

The peasant movement and the activity of the Intellectuals in Western Ukraine before the reform. A. Z. Huts. Ukr. ist. zhur. 9 no. 2 80-90 F '65.

UKRAINE, WESTERN—ORNITHOSIS

Ornithosis in the western provinces of the Ukraine. A. S. Tifov, A. S. Lutsuk. Zhur. mikrobiol., epid. i inf. 43 no. 3 154-155 Mr '65.

UNDERDEVELOPED AREAS—POLITICS

The imperialist doctrine of "intercepting" the revolution
"Mir ekonomicheskoi zhizni" 13 no 5:87-96 '66

Tugumenko, V.L. [Problems of the contemporary national liberation revolutions] Problemy sovremennykh natsionalno-osvoboditel'nykh revolyutsii. Moskva, Nauka, 1966. 323 p.

UNDERDEVELOPED AREAS—PUBLIC HEALTH

Problems of liquidation of the consequences of colonialism in the field of public health in the developing countries of the world. IU, E. Savell'ev. Sov. med. 29 no 3:137-141 Mr '66.

UNDERDEVELOPED AREAS—TECHNICAL ASSISTANCE, WEST GERMANY

Bonn "enlighteners" V Maslov. Izv. AKA, 9 no 5 16-19 My '66.

UNDERGROUND COAL GASIFICATION see Coal gasification, Underground

UNDERGROUND STRUCTURES—CORROSION

Automatic intensified electric drainage. M. V. Tarashevskii, V. M. Levin. Gaz dolbo no 3:22-24 '65

Protection of underground metal structures from corrosion. V. P. Ragozin. Avtom. telemekh. 10 no 3 43-44 Mr '66

UNDERGROUND WATER see Water, Underground

UNDERWATER ACOUSTICS

Hydroacoustics on a submarine. V. Krasnov. Tekhn. i voornizh. no. 9:37-42 S '65.

UNION CATALOGS see Catalogs, Union

UNITED NATIONS

(see also subdivision under Germany, East)

Peoples reject racism. V. Chikhvadze. Mezhdunar. zhizn' 13 no 5:70-77 '66

UNITED NATIONS—MEMBERSHIP

Decision of the Yalta Conference concerning the role of the Ukrainian S.S.R. and the White Russian S.S.R. in the United Nations. M. M. Bilousov. Ukr. ist zhur. 9 no 2:117-119 F '65.

UNITED STATES—APPROPRIATIONS AND EXPENDITURES

"Pentagonia," 1966. G. Gerasimov. Mezhdunar. zhizn' 13 no 5:34-44 '66

UNITED STATES—ARTIFICIAL SATELLITES—GUIDANCE SYSTEMS

Antisatellite possibilities of interceptor satellites. A. T. Tishchenko. Vest. protivovozd. obor. no 4:85-88 Ap '66.

UNITED STATES—CENSORSHIP

Libraries of the U.S.A. and censorship. B. P. Kanevskii. Bibliotekoved. i bibl. za rub. no 15:47-53 '64

UNITED STATES—COMMUNIST PARTY

U.S. today and the development of leftist forces. E. Richmond. Part zhizn' no 9:67-71 My '66.

UNITED STATES—DESCRIPTION AND TRAVEL

Verelskii, O.G. [In America] V Amerike. [Moskva] Sovetskii khudozhnik, [1965] 98 p. illus.

UNITED STATES—DRAINAGE

Salinization control of drained lands in the U.S.A. H. S. Maslov. Gidr. i mel. 19 no 4:53-57 Ap '66.

UNITED STATES—ELECTRIC DRIVING

New developments in the design and installation of complex electrical drives. I. A. E. Vol'kovich. Prom. energ. 21 no 4:50-51 Ap '66.

UNITED STATES—ELECTRIC LINES—POLES AND TOWERS

Use of aluminum supports in the distribution system of North America. D. A. Kochkin. Energ. stroi. no 46: 87-102 '64.

UNITED STATES—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Introduction of large capacity blocks in the thermal power production system. D. G. Zhimernin. Teploenergetika 13 no 3:4-7 Mr '66.

UNITED STATES—EROTIC LITERATURE

Fascinating cave dwellers. G. Petrov. Mol. komm. no 3:104-107 '66.

UNITED STATES—ESPIONAGE, RUSSIAN

Colonel Abel tells us his story. Mol. komm. no 2: 57-65 '66.

UNITED STATES—FOREIGN RELATIONS

The CPSU policy and the modern world. T. Vladimirov. Mir ekonomicheskoi zhizni. no 5:3-14 '66.

UNITED STATES—FOREIGN RELATIONS—CUBA

From the history of the aggressive policy of the U.S.A. in Cuba 1906-1959. K. S. Shustov. Izv. AN Kazakh SSR Ser. obshchestv. 4 no 1:81-91 Ju-F '66

Our cause will win. Carlos Olivares Sanchez. Nov. vrem. 23 no 18:12 My '66.

UNITED STATES—FOREIGN RELATIONS—DOMINICAN REPUBLIC

Solidarity with the Dominican Republic. A. Sh. Nov. vrem. 23 no 19:15-16 My '66.

UNITED STATES—FOREIGN RELATIONS—LAOS

Comments: Argentina, Laos, Cuba. Nov. vrem. 23 no 23:3-5 Je '66.

UNITED STATES—FOREIGN RELATIONS—PANAMA

Merlin, B.M., and N.S. Samsonova. [Dollar over Panama] Dollar nad Panamoi. Moskva, Znanie, 1966. 31 p. No voev y zhizni, nauka, tekhnika. VII Seriya: Mezhdunarodnaya, no 5.

UNITED STATES—FOREIGN RELATIONS—THAILAND

In the service of American imperialism. IU. Lugovskoi. Nov. vrem. 23 no 22:15-16 My '66.

UNITED STATES—INDUSTRIAL RELATIONS

Big business and industrial sociology. S. Epshtein. Mir ekonomicheskoi zhizni. no 5:65-70 '66.

The "Kaiser Plan" as a new tool for the exploitation of workers by the monopolistic bourgeoisie of the U.S.A. A. S. Kondrashka. Uch. zap. kaf. polit. ekon. no 6:100-116 '65.

UNITED STATES—INDUSTRIES

Kvasha, I.A.B. [Statistics of the new equipment, the mechanization of labor, and production automation, the concentration and specialization of industrial production] Statistika novoi tekhniki; mekhanizatsiya truda i avtomatizatsiya proizvodstva; konsentratsiya i spetsializatsiya promyshlennogo proizvodstva. Moskva, Statistika, 1966. 262 p.

UNITED STATES—INTELLIGENCE SERVICE

Disguised as scientists. L. Akl'mov. Nov. vrem. 23 no 21:16-17 My '66

UNITED STATES—LIBRARIES

Libraries of the U.S.A. and censorship. B. P. Kanevskii. Bibliotekoved. i bibl. za rub. no 15:17-63 '64

UNITED STATES—LIBRARY CATALOGS

Functions and importance of library catalogs as evaluated by American librarians. A. I. A. Kabanov. Bibliotekoved. i bibl. za rub. no 15:84-77 '64.

UNITED STATES—LIBRARY SCIENCE

Contemporary American library science on the role of a public library. N. I. Titulina. Bibliotekoved. i bibl. za rub. no 15:12-28 '64.

UNITED STATES—LOBBYING

What manners! V. I. Zhukov. Nov. vrem. 23 no 20:16-17 My '66.

UNITED STATES—MARINE CORPS

Black guards of the Pentagon. A. Grigor'ev. Voen. znani. 42 no 4:34-37 Ap '66.

UNITED STATES—MATERIALS HANDLING

Handling of materials, using large permanent magnets. I. A. E. Vol'kovich. Prom. energ. 21 no 4:52 Ap '66.

UNITED STATES—MIGRATION, INTERNAL

Study of population migration in the United States. IU. A. Kolesova. Vest. Mosk. un. Ser. 5: Geog. 21 no 2:70-88 Mr-Ap '66.

UNITED STATES—MILITARY POLICY

Aggression in Vietnam and the doctrine of "limited wars." IU. Oleshchuk. Mezhdunar. zhizn' 13 no 5:51-57 '66.

"Pentagonia," 1966. G. Gerasimov. Mezhdunar. zhizn' 13 no 5:34-44 '66.

Pretexts vary. A letter to the editor. James, Franklin. Nov. vrem. 23 no 19:12-15 My '66.

Restorers of the Atlantic system. V. Matveev. Nov. vrem. 23 no 23:14-16 Je '66.

UNITED STATES—MILITARY SUPPLIES—MANTENANCE AND REPAIR

Repairmen are trained. N. Nikitin. Tekhn. i voornizh. no 12:84-86 D '65.

UNITED STATES—MINES AND MINERAL RESOURCES—STATISTICS

Comparing the indices of the development of the mining industry of the U.S.A. and the U.S.S.R. Vest. stat. no 1:10-41 '66.

UNITED STATES—PERCEPTRONS

Optimization of the parameters of a simple perceptron and the Tobey-Moynihan system. Avtomat. i telemekh. 10 no 3:10-12 My '66.

UNITED STATES—POLITICS AND GOVERNMENT

The rule of the rich. O. Vasil'ev. Agitation. 11 no 13-16 My '66.

Sivachev, N.V. [Political struggle in the U.S.A. in the middle 1930's] Politicheskaia bor'ba v SShA v seredine 30-40 godov XX veka. [Moskva] Izdat. Mosk. univ., 1966. 283 p.

UNITED STATES—PROPAGANDA, ANTI-COMMUNISM

Falsification of the principles of Soviet foreign policy. American anticommunist ideologists. O. A. Akl'mov, P. S. Koltsov. Vop. ist KPSS 10 no 9:55-67 '66.

Millions for undermining work. I. Malukhin. profsoyuz. 22 no 1:17-43 Ap '66.

Unrestrained racket. M. Vinnitskii. Komsomol. i mol. 7:113-121 My '66.

UNITED STATES—REPORTERS AND REPORTING

By reflected light. B. I. Dmit'ev. Nov. vrem. 23 no 21:12 My '66

UNITED STATES—SCIENCE—INFORMATION SERVICES

Science Information Exchange in the United States. A. I. Chernyi. NTI no 3:18-21 '66.

UNITED STATES—SOCIAL CONDITIONS

Kondrashov, S.N. [Watching America] Nabludeniia Ameriku. Izvestiia, 1965. 173 p. (Izvestiia "Izvestiia")

UNITED STATES—STOCK AND STOCKHOLDERS—MANAGEMENT

Nazarenko, V.I. [Economics of raising farm animals for meat in the U.S.A.] Ekonomika miasnogo skotovodstva SShA. Moskva, Kotsos, 1966. 133 p.

UNITED STATES—SUBMARINE WARFARE

Basic trends in the development of the U.S. submarine force. V. P. Kostrov. Mol. obor. 37 no 2:4-11 '64.

UNIVERSITIES AND COLLEGES

From the universities and colleges of the states. Vest. vys. shkoly 24 no 3:61-62 Mr '66.

UNIVERSITIES AND COLLEGES—ACCOUNTING—subdivision under White Russia

UNSATURATED COMPOUNDS

Highly unsaturated polymers. Report No. 15, 5, 1961. Highly unsaturated polymers. Report No. 15, 5, 1961. Highly unsaturated polymers. Report No. 15, 5, 1961.

Nature of the mutual influence of atoms and groups in products of biomineralization of a series of unsaturated compounds. I. A. S. Babovich, V. V. Pechenkin, A. I. Sopova. Zhur. strukt. khim. 7 no 1:18-51 Ju-F '66.

Quantitative determination of terminal unsaturated groups in polyoxypropylene glycols based on their infrared absorption spectra. V. V. Zharkov. Zav. lab. 32 no 4:436-437 '66.

Synthesis of new unsaturated organogermanium compounds of the aromatic series. S. A. Sarankina, Z. M. Maslov. Uzb. khim. zhur. 9 no 5:30-34 '65

UPPER ATMOSPHERE see Atmosphere, Upper

UPPER TULOMA HYDROELECTRIC POWER STATION

The light of Tuloma. Albert Plin. Nov. vrem. 23 no 18:26-28 My '66.

UPPER VOLGA ECONOMIC REGION—INFORMATION STORAGE AND RETRIEVAL SYSTEMS

Mechanized information retrieval system project by the Central Office of Technical Information of the Upper Volga Economic Region. A. B. Pechenkin. Izv. 22 no 3:10-13 '66.

URACIL—PHYSIOLOGICAL EFFECT

Effect of mercaptopurine compounds and uracil derivatives on catalase activity. G. N. Porslun, N. I. Fedeeva. Farm. i toks. 28 no 2:221-223 Mr-Ap '66.

URAL MOUNTAIN REGION—APARTMENT HOUSES—ELECTRIC WIRING

Blank for electric wiring in the South Urals Electric Installation Trust. V. I. Zharkov. Mont. i spets. rab. v stroi. 25 no 12:10-20 D '63.

URAL MOUNTAIN REGION—CLIMATE

Climate of the southeastern trans-Ural region and its role in the differentiation of natural territorial complexes. N. S. Chochla, L. V. G. Iyos'eva. Vest. LGU 18 no. 24:115-128 '63

URAL MOUNTAIN REGION—FOLDS (GEOLOGY)

New data on the geological structure of and oil and gas occurrences in the frontal folds of the Southern Urals. M. A. Kamaletdinov, A. D. Nadezhkin, R. A. Kamaletdinov. Geol. nefli i gaza 10 no. 3:13-16 Mr '66.

URAL MOUNTAIN REGION—GAS, NATURAL—GEOLOGY

New gas condensate and oil fields in the Ishimbay area of the cis-Ural region and trends in further prospecting for them. R. S. Bilalov, N. I. Kluchnikov, F. I. Khat'lanov. Geol. nefli i gaza 10 no. 3:7-13 Mr '66.

URAL MOUNTAIN REGION—GEOLOGY

Paleotectonics and facies of the Late Devonian and Early Carboniferous of the western slope of the Central and Southern Urals and the Ural Mountain region. O. A. Shcherbakov and others. Lit. i pol. iskop. no. 2:87-98 Mr-Apr '66

URAL MOUNTAIN REGION—GEOLOGY, STRUCTURAL

Effect of the crystalline basement on the structure of the cis-Ural marginal trough. A. I. A. Iarosh. Geol. nefli i gaza 10 no. 3:55-59 Mr '66

URAL MOUNTAIN REGION—INDUSTRIAL MANAGEMENT

Kurashov, N. F. [Scientific labor organization in party business] NOT - data partitino. Moskva, Politizdat, 1966. 40 p. (Voprosy partitnogo stroitel'stva)

URAL MOUNTAIN REGION—INSCRIPTIONS, PANJABI

A Panjabi inscription from the Ural Mountain region. J. Chandra Vidhankar. Epig. Vost. 17:120 '66.

URAL MOUNTAIN REGION—JOURNALISM, TECHNICAL

Paving the way toward the new. N. P. N. N. Sov. perh. no. 1:76-20 N '64.

URAL MOUNTAIN REGION—MACHINERY INDUSTRY—ACCOUNTING

Business accounting within individual workshops of a plant. I. Savinov. Buhg. uch. no. 3:17-18 Mr '66.

URAL MOUNTAIN REGION—MEDICINE, RURAL

Medical service for the rural population in the pre-Revolution trans-Ural region. V. K. Viduta. Sov. med. 20 no. 3:148-150 Mr '66.

URAL MOUNTAIN REGION—NONFERROUS METAL INDUSTRIES—FINANCE

Improvement of the use of capital assets in the nonferrous metallurgy of the Urals. V. A. Volkov, E. M. Kolchin. TSvet. met. 39 no. 10-13 Ap '66.

URAL MOUNTAIN REGION—NONFERROUS METAL INDUSTRIES—TECHNOLOGICAL INNOVATIONS

On the basis of precise calculation. I. Zakharenko. Sov. profnauka 22 no. 7:8-10 Ap '66

URAL MOUNTAIN REGION—PETROLEUM GEOLOGY

Effect of disjunctive dislocations on the formation of oil and gas pools in structures of the Kirovskiy type. N. M. Gaidarukhmanov. Neftegaz. geol. i geofiz. no. 4:14-18 '66.

New gas condensate and oil fields in the Ishimbay area of the cis-Ural region and trends in further prospecting for them. R. S. Bilalov, N. I. Kluchnikov, F. I. Khat'lanov. Geol. nefli i gaza 10 no. 3:7-13 Mr '66.

URAL MOUNTAIN REGION—RAILROADS—STATIONS

Artistic landscaping. A. I. A. Sobin. Put' i put. khor. 10 no. 3:20 '66.

URAL MOUNTAIN REGION—TRACE ELEMENTS

Trace elements in ores of agricultural importance in the Western Urals. A. M. Kropachov, T. S. Kropachova. Vest. sel'khoz. nauk 10 no. 3:68-69 Mr '66.

URAL MOUNTAIN REGION—VIEWS

Ural goma: a photographic journey. Sov. profnauka 22 no. 7:24-26 Ap '66.

URAL MOUNTAINS—DAUXITE

Drainage of the Bilovo-Kamenskoye bauxite deposit in the Southern Urals. P. M. Patichenko. Vop. osush. mest. pol. iskop. no. 3:83-89 '64.

URAL MOUNTAINS—BOTANY—ECOLOGY

Characteristics of the flora and vegetation on ultrabasic rocks in the Arctic Urals (as illustrated by the example of Mt. Ray-Iz). K. N. Igoshina. Bot. zhur. 61 no. 3:322-338 Mr '66.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Find of oncoliths in ancient formations of the eastern slope of the Southern Urals. Z. A. Zhuravleva, N. F. Mamaev. Izv. AN SSSR. Ser. geol. 31 no. 3:114-117 Mr '66.

URAL MOUNTAINS—GEOLOGY, STRUCTURAL

Field structures of the Ural and Western Siberia and their reflection in gravity and magnetic anomaly fields. V. S. Smirnov. Geol. i geofiz. no. 4:14-56 '61.

Structural evolution of gneiss domes. Dug folds in the domes of the Eastern Ural anticlinorium. S. V. Chernikov. Dokl. AN SSSR 167 no. 4:888-891 Ap '66

URAL MOUNTAINS—LARCH

Sexual dimorphism in Larix sukaczewii of the Central Urals. G. S. Vozjakov. Nauch. dokl. vys. shkoly, biol. nauk 0 no. 2:110-121 '66

URAL MOUNTAINS—MINE DRAINAGE

Drainage of the Bilovo-Kamenskoye bauxite deposit in the Southern Urals. P. M. Patichenko. Vop. osush. mest. pol. iskop. no. 3:83-89 '64.

URAL MOUNTAINS—MINERALS IN PLANTS

Content of chemical elements in the plants of the Arctic Urals in connection with the problem of the "serpentine" vegetation. T. A. Paribok, N. V. Alekseeva-Popova. Bot. zhur. 61 no. 3:339-353 Mr '66.

URAL MOUNTAINS—NONFERROUS METAL INDUSTRIES—MANAGEMENT

Developing plans for scientific work organization in working areas at enterprises of nonferrous metallurgy of the Central Urals. M. Kh. Liberman, B. S. Chernyashov. TSvet. met. 39 no. 3:6-10 Mr '66

URAL MOUNTAINS—ORE DEPOSITS

Problems of the formation and mineralization of ultrabasic massifs. D. S. Koryzhnikov. Geol. ind. mestorozh. 8 no. 2:16-20 Mr-Apr '66.

URAL MOUNTAINS—QUARTZ

Evolution of silica from enclosing rocks in the formation of crystal-bearing quartz veins as revealed by a study in one of the rock-crystal deposits in the Southern Urals. V. T. Unhakovskii. Zap. Voen. min. ob-va 94 no. 3:334-337 '65.

URAL MOUNTAINS—ROCKS, IGNEOUS

Characteristics of the flora and vegetation on ultrabasic rocks in the Arctic Urals (as illustrated by the example of Mt. Ray-Iz). K. N. Igoshina. Bot. zhur. 61 no. 3:322-338 Mr '66.

Content of chemical elements in the plants of the Arctic Urals in connection with the problem of the "serpentine" vegetation. T. A. Paribok, N. V. Alekseeva-Popova. Bot. zhur. 61 no. 3:339-353 Mr '66.

URAL MOUNTAINS—ROCKS, SILICEOUS

Practice in studying some Paleozoic siliceous rocks of the Southern Urals by the x-ray method under an electron microscope. A. D. Petrovskii, V. A. Shilev. Lit. i pol. iskop. no. 2:116-118 Mr-Apr '66.

URAL MOUNTAINS—ROOFING, SLATE

Characteristics of cleavage as a criterion in prospecting for roofing slate deposits in the eastern wing of the Sibir synclinorium (Southern Urals). M. A. Goncharov. Vest. Mosk. un. Ser. 4. Geol. 10 no. 2:30-42 Mr-Apr '64.

URAL MOUNTAINS—SILICA

Evolution of silica from enclosing rocks in the formation of crystal-bearing quartz veins as revealed by a study in one of the rock-crystal deposits in the Southern Urals. V. T. Unhakovskii. Zap. Voen. min. ob-va 94 no. 3:334-337 '65.

URAL MOUNTAINS—ULTRABASITES

Problems of the formation and mineralization of ultrabasic massifs. D. S. Koryzhnikov. Geol. ind. mestorozh. 8 no. 2:16-20 Mr-Apr '66.

URAL VALLEY—SALT DOMES

Prospects for finding large gas fields in salt dome regions in the Volga-Ural interfluvium. V. L. Sokolov, G. N. Krivchinskii. Geol. nefli i gaza 10 no. 4:5-9 Ap '66.

URAL'SK PROVINCE—AGRICULTURE

In the Ural State Pedagogical Institute. N. Ershov. Nauch. dokl. vys. shkoly, ekon. nauk 0 no. 2:138-139 '66.

URALTAU—WATER, UNDERGROUND—COMPOSITION

Microelements in the underground waters of the Uraltau-Mugodzhur fold area. K. M. Davidgalieva. Izv. AN Kazakh. SSR. Ser. geol. 23 no. 2:52-57 Mr-Apr '66.

URANINITE

X-ray determination of the absolute age of uraninites. V. A. Kizlinskii. Geol. i geofiz. no. 1:119-123 '66

URANIUM

Determination of the oxygen-uranium ratio in uranium oxides by coulometric analysis at controlled potential. G. G. Koshechev and others. Vest. Mosk. un. Ser. 2. Khim. 21 no. 1:54-56 Ja-F '66

Use of delayed neutrons for the coreless determination of the uranium content in boreholes. S. A. Igumnov. Izv. vyzh. ucheb. zav. i gor. zhur. 9 no. 2:3-6 '66.

URANIUM COMPOUNDS—SPECTRA

Fluoride complexes of uranium (IV) in aluminum salt solutions. V. M. Vdovenko, G. A. Romanov, V. A. Shcherbakov. Zhur. neorg. khim. 11 no. 2:252-255 F '66.

URANIUM ISOTOPES

Nonequilibrium uranium in carbonate sediments and their age determination. V. V. Cherdyn'tsev and others. Geokhimiya no. 2:139-145 F '66.

URANIUM ORES

(see also subdivision under Hungary)

Kazhdan, A. B., ed. [Geology of uranium-molybdenum ore formation deposits] Geologiya mestorozhdenii uran-molibdenovoi rudnoi formatsii. [By] B. P. Vlasov i dr. Moskva, Atomizdat, 1966. 181 p.

URANIUM ORES—ANALYSIS

Determination of uranium in ores. F. A. Mukashev, N. G. Syromiatnikov. Zav. lab. 31 no. 7:606 '65.

URANYL COMPOUNDS

Dielectric polarization of crystal hydrates of some uranyl compounds. L. I. Baranova, I. K. Syrtkin, R. N. Shchelokov. Zhur. strukt. khim. 7 no. 1:124-125 Ja-F '66.

URENISI (GEORGIA)—ARCHITECTURE

Zakharin, P. P. [Architecture of the ancient site of Urenisi] Zochichivo gorodishcha Urenisi. Tbilisi, Metsnereta, 1965. 160 p. illus. [In Georgian]

UREA

Amperometric and potentiometric titration of thallium with thiores. I. U. Uslenko, L. M. Kutsenko. Zav. lab. 32 no. 4:398-400 '66.

Catalytic effect of ammonium and calcium hydroxides on the synthesis of thiourea. I. G. Revzin, S. N. Garz, I. N. Logvinenko. Zhur. prikl. khim. 39 no. 3:700-702 Mr '66

Electron diffraction study of the structure of molecules of trivalent nitrogen compounds. Part 2: Tetramethylurea. L. V. Vilkov, P. A. Akishin, I. N. Litovtseva. Zhur. strukt. khim. 7 no. 1:3-7 Ja-F '66.

Herbicides and plant regulators. Part 16: Synthesis of some derivatives of urea and semicarbazide containing a carboethoxy group. S. R. Belan, K. D. Shvetsova-Shilovskaya, N. N. Mel'nikov. Zhur. ob. khim. 36 no. 4:640-641 Ap '66.

Improved technology for the production of carbamides resins with the use of synthetic butanol. M. A. Sheshin, P. F. Moshkov, V. P. Antukhova. Lakokras. mat. i kh. prim. no. 2:79-80 '66.

Urea as fertilizer. R. G. Rkhanov. Zemledelie 26 no. 11:76-79 N '64.

UREA—PHYSIOLOGICAL EFFECT

Effect of synthetic urea on some digestive processes in sheep. V. A. Tsigovatov, G. T. Potchenko. Fiziol. zhur. 62 no. 4:420-420 Ap '66.

Pharmacology of thiourea salt of diethylphosphorous acid. D. N. Lazareva, R. N. Abdullina. Farm. i toks. 28 no. 2:203-206 Mr-Apr '65.

Possible mechanism of the dehydrating action of urea. M. Sh. Promyslov, S. L. Lipavskii. Vop. neirokhir. no. 3:31-38 '65.

UREA—THERAPEUTIC USE

Effect of chloropropanol on some biochemical indices of the liver under normal conditions and in experimental toxic hepatitis. S. M. Lettes, N. Kh. Abdullaev. Blat. eksp. biol. i med. 61 no. 3:55-59 Mr '66.

UREA AS FEED

Introduction of urea in the rations for lactating cows. T. U. Ismailov. Trudy AZVI 13:184-187 '64.

UREASE

Increase in thermoresistance of urease in thermal treatment of leaves. N. L. Feldman. Dokl. AN SSSR 167 no. 4:646-649 Ap '66.

UREN' DISTRICT—PODZOL

Changes in the humus composition of arable turf-Podzolic soil. B. A. Nikitin. Nauch. dokl. vys. shkoly biol. nauk 0 no. 2:210-214 '66.

URETERS—SURGERY

Retention of the ureter in a leiomyoma of the bladder, histology. *Urol. i nefr.* 4:56-58 '65

URETHANES

Electric welding of "porolon" D. L. Naumov. *Der. prom.* 1, no. 4:24 Ap '65

Re-lined and multiply materials with polyurethane for clothing and footwear. Report No. 1. I. V. Myshlakov, S. I. Rubina. *Nauch.-issl. trudy VNIPIK* no. 15, 73-80 '64.

Biological properties of polyester-urethane solutions. I. A. Ts. ekova and others. *Nauch.-issl. trudy VNIPIK* no. 15 64-69 '64.

Studying the effect of technological factors on the basic physicochemical properties of elastic polyurethane elastic foams. Report No. 1. V. A. Sidorov and others. *Nauch.-issl. trudy VNIPIK* no. 15, 44-52 '64.

URETHANS

Present state and future development of scientific research in the field of polyurethanes in the Institute of Chemistry of High Molecular Compounds of the Academy of Sciences of the Ukrainian S. S. R. *Dop. AN URSS* no. 2:271 '66

URETHRA—WOUNDS AND INJURIES

Clinical aspects of traumatic injuries of the urethra in children M. A. Akhundova. *Azerb. med. zhur.* 42 no. 12 33-37 D '65

URINARY CALCULI see Calculi, Urinary

URINARY ORGANS—DISEASES

Ways of the spreading of infection from the urinary bladder into kidneys in normal and partially disturbed urinary flow, an experimental study. *Urol. i nefr.* no. 4:38-43 '65.

URINARY ORGANS—RADIOGRAPHY

One-stage cholecystography. G. N. Traister, Voenn.-med. zhur., no. 3 67-69 M '66.

URINARY ORGANS—TUMORS

Lymphography in oncologic urologic diseases. B. P. Matveev. *Urol. i nefr.* no. 4:64-71 '65

URINE—ANALYSIS AND PATHOLOGY

Chromatographic examination of tryptophan metabolites in the urine in Resniko-Cushing's disease. G. A. Shapiro, G. V. Chernov, V. D. Lianova. *Vop. med. khim.* 12 no. 2 189-192 Mr-Apr '66.

Determination of adrenaline, noradrenaline, dopamine and dopa in a urine sample. E. Sh. Matima, Z. M. Kiseleva. *Probl. endok. i gorm.* 12 no. 2 111-116 Mr-Apr '66

Examination of possibilities of using chromatography in the detection of sulfanilamide preparations in the urine, examination of sulfadiazine and albutol by the method of distributive chromatography. F. M. Shermakina, O. S. Lichikhina. *Trudy I-go MNI 17:160-169 '62*

Excretion of estrogen fractions in patients with a myoma of the uterus. N. A. Kalantarova. *Probl. endok. i gorm.* 12 no. 12 51-56 Mr-Apr '66.

Excretion of thymidine, desoxyuridine, and β -aminolobutyric acid in rats following irradiation. V. K. Mazurek. *Bull. eksp. biol. i med.* 61 no. 2 45-59 F '65.

URINE—INCONTINENCE

Nocturnal involuntary urination as a complication of prednisolone therapy in children. M. E. Lipets. *Urol. i nefr.* no. 4 82-83 '65

Treatment of adult patients for nocturnal enuresis. G. S. Kalin. *Vop. kur. i fizioter. i lech. fiz. kult.* 30 no. 2 174 Mr-Apr '65.

URINE—RETENTION

Case of anuria following use of dicoumarin. I. L. Kuznetsov. *Khirurgiya* 42 no. 4 130-131 F '66.

URMANCHE, BAKI IDRISOVICH

Musa Dzhalil's portrait. A. Fainberg. *Ishusstvo* 29 no. 3 55 '66.

URN BURIAL see subdivision under Azerbaijan

URODELA

Prespiracular visceral clefts and their role in the formation of the mouth in Caudata. E. D. Regel', *Zool. zhur.* 45 no. 2 237-244 '66.

UROLOGICAL SOCIETIES see subdivision under Azerbaijan

USALKA VALLEY (KRASNOYARSK TERRITORY)—GEOLOGY, STRATIGRAPHIC

Cambrian sediments of the Usalka Basin in Krasnoyarsk Territory. I. N. Sufimov. *Geol. i geofiz.* no. 4:35-43 '64.

USATENKO, IURII IVANOVICH, 1916-

Iurii Ivanovich Usatenko; on his 60th birthday. *Zav. lab.* 32 no. 4:503-504 '66

UST'-KAMENOGORSK—INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION

Organization of the management of a building complex. A. Krichman. *Nat. khoz. kazakh.* 21 no. 3 29-31 Mr '66

UST'-KAMENOGORSK—LEAD INDUSTRY—HYGIENIC ASPECTS

Public inspector. M. Kuznetsov, O. Nikitina. *Nat. khoz. kazakh.* 23 no. 2 46-49 Ja '65.

UST'-KAMENOGORSK—ZINC INDUSTRY—HYGIENIC ASPECTS

Public inspector. M. Kuznetsov, O. Nikitina. *Nat. khoz. kazakh.* 23 no. 2 46-49 Ja '65.

USTYURT—ALLUVIUM

Recent data on alluvial deposits and the role of erosion in the formation of the relief of Ustyurt. I. U. M. Kleiner, V. V. Sholokhov. *Vest. Mosk. un. Ser. 5 Geog.* 21 no. 2 119-122 Mr-Apr '66.

USTYURT—EROSION

Recent data on alluvial deposits and the role of erosion in the formation of the relief of Ustyurt. I. U. M. Kleiner, V. V. Sholokhov. *Vest. Mosk. un. Ser. 5 Geog.* 21 no. 2 119-122 Mr-Apr '66

USTYURT—GEOLOGY, STRUCTURAL

Dislocation of Permian and Triassic sediments in the Ustyurt. V. S. Arkhipov, L. P. Polkova. *Geotektonika* no. 2 107-109 Mr-Apr '66.

UTERINE HEMORRHAGE see Hemorrhage, Uterine

UTERUS—CANCER

Cytological parallels in carcinoma in situ and in the initial forms of invasive cancer of the cervix uteri. N. N. Shiller-Volkova, T. E. Gosh, E. A. Nevskaia. *Vop. onk.* 10 no. 11:8-13 '61

Metastatic tumors of the uterus. V. A. Mandel'shtam. *Vop. onk.* 10 no. 11:21-27 '64.

Pregnancy complicated by cancer of the cervix uteri. N. A. Shishin. *Sovetsk. nauch. rab. Arkh. gos. med. inst.* no. 2 42-45 '63

Primary multiple cancer of the uterus. F. I. Mirov. *Azerb. med. zhur.* 42 no. 12 50-52 D '65

Some structural changes in the tissues of the cervix uteri (elastic fibers) in the pichnorous and tumorous processes. L. I. Krotova. *Vop. onk.* 10 no. 11:13-21 '61

UTERUS—MOTILITY

Effect of pilifen on the contractile activity of the uterus in pregnant and nonpregnant rabbits. I. V. Borodai. *Fiziol. zhur. [Ukr.]* 12 no. 2:265-268 '66.

UTERUS—TUMORS

Excretion of estrogen fractions in patients with a myoma of the uterus. N. A. Kalantarova. *Probl. endok. i gorm.* 12 no. 2:51-56 Mr-Apr '66.

UZBEK DRAMA (COMEDY)

Notes on Uzbek comedy. B. Imamov, B. Gullamov. *Tenir* 27 no. 3:41-43 Mr '66.

UZBEKISTAN—ANTIQUITIES

Akademika nauk Uzbekskoi SSR, Tashkent, Institut istorii i arheologii. [History of the material culture of Uzbekistan.] Istoriia material'noi kul'tury Uzbekistana. Tashkent, Izd-vo "Nauka" UzSSR, No. 5. 1964. 245 p.

UZBEKISTAN—ARCHITECTURE AND CLIMATE

Complex features of summer premises. I. I. Notkin, T. P. Malinovskaya, G. Kh. Kan. *Stroi. i arkh. Uzb.* 7 no. 4 29-31 Ap '66

UZBEKISTAN—BUILDING

Some problems of construction on soft ground. Kh. A. Askarov. *Stroi. i arkh. Uzb.* 7 no. 2:36-39 F '66.

UZBEKISTAN—BUILDING MATERIALS

Reducing losses in building materials. M. Allmov. *Stroi. i arkh. Uzb.* 7 no. 4:40-41 Ap '66.

UZBEKISTAN—BUILDING MATERIALS INDUSTRY

For economical use of material resources. D. I. Averbach. *Stroi. i arkh. Uzb.* 7 no. 2:1-2 F '66.

UZBEKISTAN—CEMENT

Selection of cement for hot molding under conditions existing in Uzbekistan. D. Mikhaylovskii, E. Melikova. *Stroi. i arkh. Uzb.* 7 no. 2:21-24 F '66.

UZBEKISTAN—CONSTRUCTION EQUIPMENT

Raising the standard of construction equipment is the most important task of the national construction equipment. *Stroi. i arkh. Uzb.* 7 no. 4:41-42 Ap '66

UZBEKISTAN—CONSTRUCTION INDUSTRY

Leaders in socialist competition. B. M. Arifov. *Stroi. i arkh. Uzb.* 7 no. 2:3-4 F '66.

UZBEKISTAN—CORN (MAIZE)

Crop of greatest possibilities. I. Iubov'ii. *Stroi. i arkh. Uzb.* 26 no. 11:28-31 N '64.

UZBEKISTAN—COTTON GROWING

Prizes awarded to Uzbekistan cotton growers. I. Iubov'ii. *VNIPIK* no. 3:10 M '66.

UZBEKISTAN—COTTON TRADE

The "white gold" and its procurement. V. Nikol'skiy. *Stroi. i arkh. Uzb.* no. 2:20-23 F '66

UZBEKISTAN—DWELLINGS—DESIGN AND CONSTRUCTION

Complex features of summer premises. I. I. Notkin, T. P. Malinovskaya, G. Kh. Kan. *Stroi. i arkh. Uzb.* no. 4:29-31 Ap '66

Improving the hygienic features of dwellings. V. V. Kotomenskii. *Stroi. i arkh. Uzb.* 7 no. 4:42-43 Ap '66.

One-story and two-story dwellings for the rural areas. B. S. Belyi. *Stroi. i arkh. Uzb.* no. 1:35-38 Ap '66

UZBEKISTAN—ECONOMIC CONDITIONS

Guided by Leninist principles. I. Kon. *Stroi. i arkh. Uzb.* 3-5 Mr '66.

UZBEKISTAN—FEED INDUSTRY

Important potentiality of the combined feed industry. I. Postolov. *Ekonom. i zhizn'* 8 no. 3 60 (U) Mr '64

UZBEKISTAN—FOLDS (GEOLOGY)

History of the development of the surface of the basement in western Uzbekistan and its role in the tectonics in the Mesozoic and Cenozoic. A. A. Chaygyn. *Trudy MINKhKh* no. 4:1-12 '64

UZBEKISTAN—FRUIT TRADE

This worsens the purchasing agents of Uzbekistan. I. Kaidopol'skii. *Stroi. i arkh. Uzb.* no. 1:39 Mr '66.

UZBEKISTAN—GAS, NATURAL—GEOLOGY

Kolpakov, S. P. [Cretaceous reservoir rocks of the Bukhara oil- and gas-bearing region.] *Porfirii kolektory molodykh otlozhenii Bukharskogo neftnogo raiuna.* [Leningrad] Nefta, 1963. 214 p.

UZBEKISTAN—GAS INDUSTRY

Gas industry of Uzbekistan on the eve of the 23rd anniversary of the CPSU. A. R. Khodzhaev. *Gaz. prom.* 10 no. 6-8 '66.

UZBEKISTAN—GOITER

Effect of natural goitrogen substances on the thyroid gland of rats in foci of endemic goiter. I. A. Turakulov and others. *Probl. onk. i fiziol.* 12 no. 2:85-93 Mr-Apr '66.

UZBEKISTAN—HYDATIDS

Role of productive animals in the epidemiology of echinococcosis in the republic. Sadykov. *Uzb. biol. zhur.* 10 no. 1 61 M '65

UZBEKISTAN—INDUSTRIAL MANAGEMENT

Improving the efficiency of productive work in the plant. P. Kallakin, A. Khukmalov. *Ekonom. i zhizn'* 8 no. 3:10-13 Mr '66.

UZBEKISTAN—INDUSTRIAL MANAGEMENT—BIOLOGICAL

Released by the "Uzbekistan" Publishing House. *Ekonom. i zhizn'* 8 no. 3:95 Mr '66.

UZBEKISTAN—INDUSTRIES

The first year of the five-year plan. *Ekonom. i zhizn'* 8 no. 3:63 Mr '66.

UZBEKISTAN—INDUSTRIES, LOCATION OF

Industry on the map of the republic. A. Arifov. *Ekonom. i zhizn'* 8 no. 3:40-43 Mr '66.

UZBEKISTAN—IRRIGATION—FINANCE

Put irrigation systems on a business accounting basis. A. Kramnikov, A. Ulanov. *Fin. SSR* 40 no. 4 41-43 Ap '66.

UZBEKISTAN—KARAKUL SHEEP

"Kontinets" Breeding Farm as the leading Karakul farm of the Republic. Kh. S. Lobach, I. R. Khanidova. Vych. trudy TashGU no. 766. Geog. nauki no. 31-82-91 '51.

UZBEKISTAN—LABOR AND LABORING CLASSES—EDUCATION

If we talk about the particulars. G. Talibov. Ekon. i zhizn' 8 no. 3 80-83 Mr '66

UZBEKISTAN—LABOR SUPPLY

Nurullayev, A. [Building up the socialist agricultural personnel of Uzbekistan] Formirovaniye kadrov rabochikh sotsialisticheskogo sel'skogo khozaystva. Uzbekistana. Tashkent, Nauka, 113 p. (CS-1)

UZBEKISTAN—LIGHTWEIGHT CONCRETE

Curad concrete with fly ash additives of the Angren State Regional Electric Power Plant V. G. Dubayev. Stro. i arkhit. Uzb. 7 no. 4 15-18 Ap '66

UZBEKISTAN—MEDICAL PARASITOLOGY—CONGRESSES

Republic Conference and Scientific Conference of the Uzbek Institute of Experimental Medical Parasitology and Helminthology on Problems of the Control of Parasitic Diseases in Uzbekistan. A. M. Dykhovskaya. Med. parazit. i parazit. bol. 35 no. 1 124-125 Jan-F '66.

UZBEKISTAN—MOSQUITOES

Aedes (Ochlerotatus) stansani (Culicidae), a new mosquito to species from Uzbekistan. A. V. Gusevich. Zool. zhur. 15 no. 3 157-159 '66

UZBEKISTAN—NURSERIES—DESIGN AND CONSTRUCTION

Children's nurseries and kindergartens. R. S. Belyi and others. Stro. i arkhit. Uzb. 7 no. 2 20-27 F '66.

UZBEKISTAN—OIL SHALES

Total phenols from tars of thermolized oil shales of southern Uzbekistan. Kh. U. Daminov, L. M. Moigun. Uzb. khim. zhur. 9 no. 3 59-62 '65

UZBEKISTAN—OIL WELL DRILLING

What has brought about the good results. M. Saidakhmedov. Neftnik 11 no. 4 27 Mr '66.

UZBEKISTAN—PECTIN

Encourage the production of pectin. I. A. Tolstomog. Ekon. i zhizn' 8 no. 3 84 Mr '66.

UZBEKISTAN—PETROLEUM GEOLOGY

Korotkov, S. P. [Cretaceous reservoir rocks of the Bukhara oil- and gas-bearing region] Porody kolektory mellovykh otlozheniy Bukharskogo neftnogo basena. [Leningrad] Nedra, 1965. 218 p.

UZBEKISTAN—PHYSICAL GEOGRAPHY

Akademik nauk Uzbekskoi SSR, Tashkent. Sovet po izuchению proizvoditel'nykh sil. [Natural conditions and resources of southwestern Uzbekistan] Prirodnye uslovia i resursy Yugo-Zapadnogo Uzbekistana. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 401 p.

UZBEKISTAN—PLASTICS—RESEARCH

Philosophers' stone of Oster-Volkov. B. Berozniak. Ekon. i zhizn' 8 no. 3 73-78 Mr '66.

UZBEKISTAN—POPULATION

Population of the Uzbek S. S. R. according to the 1957 census. M. K. Karakhanov. Nauch. trudy TashGU no. 266. Geog. nauki no. 31 54-68 '64.

UZBEKISTAN—POTASSIUM SALTS

Nabiyev, M. N., and R. G. Osichkina. [Potassium salts of Tlibegalan] Kalinye soli Tlibegalana. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR, 1965. 125 p.

UZBEKISTAN—RICE

Development and distribution of rice production in Uzbekistan. Kh. S. Lobach, M. A. Stetsenko, R. A. Khadlov. Nauch. trudy TashGU no. 266. Geog. nauki no. 31 30-55 '64.

UZBEKISTAN—RICE—VARIETIES

Quality indices of some rice varieties. L. Koz'mina and others. Nauk.-elev. prem. 32 no. 3 22-23 Mr '66.

UZBEKISTAN—RURAL CONSTRUCTION

City features for the rural settlement. I. A. Ashurov. Stro. i arkhit. Uzb. 7 no. 2 24, 29 F '66. Industrial methods should be used in rural construction. I. U. N. Simel'denman. Stro. i arkhit. Uzb. 7 no. 4 24 Ap '65.

UZBEKISTAN—RURAL PLANNING

Production and economic control of production area of 1800-2000 hectares. E. G. Sarukhanova and others. Stro. i arkhit. Uzb. 7 no. 2 25 F '66.

UZBEKISTAN—SORGHUM BREEDING

Selecting sterile sorghum hybrids. M. T. Nazarov. Uzb. biol. zhur. 10 no. 1 61-69 '66.

UZBEKISTAN—STATE FARMS

Nurullayev, A. [Building up the socialist agricultural personnel of Uzbekistan] Formirovaniye kadrov rabochikh sotsialisticheskogo sel'skogo khozaystva. Uzbekistana. Tashkent, Nauka, 113 p. (CS-1)

UZBEKISTAN—VETERINARY MEDICINE

Role of productive animals in the epizootology and epidemiology of echinococcosis in Uzbekistan. V. M. Sudykov. Uzb. biol. zhur. 10 no. 1 61-64 '66.

VACCINATION

Change in the properdin and phagocytic activity of the blood in the immunization of cattle. G. A. Nizametdinova. Uch. zap. KVI 93 160-167 '64.

Effect of nonspecific antigenic stimuli on the immunobiological reactivity of cattle vaccinated against brucellosis. N. A. Krylova, I. F. Kazakov, G. A. Nizametdinova. Uch. zap. KVI 93 111-153 '64.

Higher nervous activity and immunological reactivity of cattle following immunization against brucellosis. I. F. Kazakov. Uch. zap. KVI 93 154-159 '64.

Mucopolysaccharides of the brain in the process of the formation of antiviral immunity. M. I. Paronits and others. Vop. virus. 11 no. 1 94-95 Jan-F '66.

Role of antibodies in immunogenesis. I. A. Golota, G. P. Borodai, S. K. Bzhezhinskii. Antibiotiki 10 no. 4 341-344 Ap '65.

VACCINES

Characteristics of a reactogenic and immunogenic properties of the Leningrad-4 live measles vaccine. N. M. Beliaeva. Trudy Len. inst. epid. i mikrobiol. 28 174-185 '65.

Characteristics of some reactogenic properties of live measles vaccine. V. F. Kuznetsov, K. G. Mepanishvili, I. S. Matshevili. Trudy Len. inst. epid. i mikrobiol. 28 197-205 '65.

Characteristics of Soviet measles vaccines. A. A. Kolchinskaya, I. I. Semenovskaya. Trudy Len. inst. epid. i mikrobiol. 28 87-91 '65.

Characteristics of the biological and culture properties of the Leningrad-4 live measles vaccine strain. V. N. Meshalova. Trudy Len. inst. epid. i mikrobiol. 28 92-100 '65.

Characteristics of the live measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology. T. D. Netsvetayeva. Trudy Len. inst. epid. i mikrobiol. 28 222-224 '65.

Characteristics of the reactogenicity of the live measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology. G. S. Revilla, D. I. Safarov, S. L. Alibekov. Trudy Len. inst. epid. i mikrobiol. 28 157-165 '65.

Clinical data on the reactogenicity of measles vaccine. A. T. Kuznetsova. Trudy Len. inst. epid. i mikrobiol. 28 121-130 '65.

Clinical reactions in children to the introduction of the Leningrad-4 live measles vaccine according to data from Kirghizistan. M. G. Aminova and others. Trudy Len. inst. epid. i mikrobiol. 28 180-191 '65.

Data for the evaluation of the epidemiological effectiveness of live measles vaccine prepared from the Leningrad-4 strain. M. I. Nikitin and others. Trudy Len. inst. epid. i mikrobiol. 28 309-320 '65.

Data for the study of a reactogenic and epidemiological effectiveness of live measles vaccine prepared from the Leningrad-16 strain. M. I. Nikitin and others. Trudy Len. inst. epid. i mikrobiol. 28 321-328 '65.

Data on active immunization against measles in the city of Odessa and in Odessa Province. M. A. Irudoi and others. Trudy Len. inst. epid. i mikrobiol. 28 370-384 '65.

Determining average lethal doses. I. M. Mubarakshin. Uch. zap. KVI 93 181-188 '63.

Effect of immunization with live influenza vaccine on the organism of a donor. D. I. Rafail'son and others. Vop. virus. 11 no. 1 51-56 Jan-F '66.

Effectiveness of specific vaccination in monkeys against paratyphoid fever. V. D. Gekker and others. Zhur. mikrobiol., epid. i immunit. 43 no. 3 112-117 Mr '66.

Epidemiological effectiveness of a live measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology according to data of the Ralningrad City Medical Center. T. D. Netsvetayeva, E. A. Chirnyy. Trudy Len. inst. epid. i mikrobiol. 28 406-410 '65.

Epidemiological effectiveness of the Leningrad-4 live measles vaccine according to observations in Kiev S. N. Tereshkov and others. Trudy Len. inst. epid. i mikrobiol. 28 372-378 '65.

Epidemiological effectiveness of the Leningrad-4 live measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology in children's centers N. D. Revenok, G. M. Grolsman, I. A. G. Grozman. Trudy Len. inst. epid. i mikrobiol. 28 346-354 '65.

Preliminary results of a study of a live measles vaccine from the Leningrad-4 strain. L. V. Kolesnikov and others. Trudy Len. inst. epid. i mikrobiol. 28 385-397 '65.

Purification of tetanus antitoxin with activated carbon. B. Blasko, G. Dimoslova. Vop. med. khim. 11 no. 3 93-95 My-Je '65.

Reactogenic and immunogenic properties of live measles vaccine according to observations in the Latvian S. S. R. K. G. Vasil'ev, S. F. Zvezdova, R. P. Feoktistova. Trudy Len. inst. epid. i mikrobiol. 28 225-229 '65.

Reactogenic properties of live measles vaccine according to data from Kiev and some provinces of the Ukraine. S. N. Tereshkov and others. Trudy Len. inst. epid. i mikrobiol. 28 192-196 '65.

Reactogenic properties of the Leningrad-1 measles vaccine according to data from Moldavia. N. D. Revenok and others. Trudy Len. inst. epid. i mikrobiol. 28 166-174 '65.

Reactogenicity and epidemiological effectiveness of measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology according to data from Baku D. M. Safarov, G. S. Revilla. Trudy Len. inst. epid. i mikrobiol. 28 330-331 '65.

Reactogenicity and the epidemiological effectiveness of the Leningrad-4 live measles vaccine according to observations in Sverdlovsk. G. D. Gribnev and others. Trudy Len. inst. epid. i mikrobiol. 28 215-221 '65.

Results of the study on reactogenic properties of the Leningrad-4 live measles vaccine in Leningrad. M. I. Nikitin and others. Trudy Len. inst. epid. i mikrobiol. 28 131-139 '65.

Results of immunization against measles in Kharkov using live vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology. R. I. Kiselev and others. Trudy Len. inst. epid. i mikrobiol. 28 385-400 '65.

Results of studies of the epidemiological effectiveness in Kirghizistan of live measles vaccine prepared from the Leningrad-4 strain. M. G. Aminova and others. Trudy Len. inst. epid. i mikrobiol. 28 335-315 '65.

Results of the study of a live measles vaccine prepared from the Leningrad-16 strain. L. I. U. Tsoos, L. M. Bolchuk, A. I. Smorodintsev. Trudy Len. inst. epid. i mikrobiol. 28 57-77 '65.

Results of the study of live tissue vaccines against epidemic parotitis in association with measles vaccines. M. N. Nasibov, E. S. Shikina. Trudy Len. inst. epid. i mikrobiol. 28 280-286 '65.

Results of the use of the Leningrad-4 live measles vaccine during increasing measles morbidity. N. D. Revenok, A. A. Smorodintsev. Trudy Len. inst. epid. i mikrobiol. 28 351-371 '65.

Results of using in Alma-Ata a live measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology. V. F. Rozhnov. Trudy Len. inst. epid. i mikrobiol. 28 386-394 '65.

Results of vaccination against measles using a live vaccine in the city of Rovno and in Rovno Province. I. F. Lavchenko. Trudy Len. inst. epid. i mikrobiol. 28 111-115 '65.

Scientific and epidemiological data on the study of associated vaccines against measles and mumps. E. S. Shikina and others. Trudy Len. inst. epid. i mikrobiol. 28 291-300 '65.

Some data on the problem of the antigenicity of polio-vaccine. R. G. Malakhova. Stor. stud. nauch. iab. Arkh. gos. med. inst. no. 2 18-20 '63.

Studies of clinical reactions in children to the introduction of the measles vaccine of the Leningrad Pasteur Institute of Epidemiology and Microbiology. L. V. Livanova. Trudy Len. inst. epid. i mikrobiol. 28 206-211 '65.

Studies on biological, reactogenic, and immunogenic properties of a new variant of a live measles vaccine prepared from the Leningrad-5 strain. G. M. Denisov, L. M. Bolchuk, E. S. Shikina. Trudy Len. inst. epid. i mikrobiol. 28 76-86 '65.

VACUUM APPARATUS

Laboratory studies of the effect of vacuuming drainage installations on the drainage of Kellowsay sands and the formation of the Yakovleva iron ore deposit. G. A. Rodionov. Vop. osush. i met. pol. iskop. no. 3 32-46 '61.

VACUUM APPARATUS—TESTING

Testing electric vacuum apparatus in a school laboratory I. G. Moiseyeva. Fiz. i tekhn. no. 2 88-117 '65.

VACUUM CLEANERS—MAINTENANCE AND REPAIR

Leyev, D. A. [Repair of vacuum cleaners and floor polishers] Remont pylesosov i politerov [Leningrad] Legkaya industriya, 1966. 155 p.

VACUUM METALLURGY

Vacuum conditions for laboratory tests on sintering. V. I. Korotich, P. N. Gukov, Lev. vys. uchob. zav., chem. met. 9 no. 4 37-41 '66.

VACUUM TECHNOLOGY

The DU-400D throttle-type vacuum valve. V. A. Kurganov, A. V. Ugrevskii. Biotekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 3 41-42 Mr '66.

Vacuum impregnation unit. I. U. V. Zakharov. Biotekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 2 51 F '66.

VACUUM TUBES see Electron tubes

VAGINA—MICROBIOLOGY

Microbial contamination of the vagina in artificial insemination of cows. A. A. Osetrov and others. Veterinarlia 42 no. 3 94-95 Mr '66.

VAGUS NERVE

Effect of glucose on the effect of stimulation of the vagus under conditions of a cardiopulmonary preparation. V. M. Pokrovskii, A. V. Mezhera. Farm. i toks. 28 no. 2 188-190 Mr-Apr '65.

VEINS—SURGERY

Contrast photography as a method for finding precise indications for surgery on veins of the lower extremities. C. D. Zaytsev, Khirurgia 42 no. 1:80-84 Ap '66.

Effect of the ligation and section of veins on blood coagulation. E. A. Alpatov, Khirurgia 42 no. 4:76-79 Ap '66.

VELIKIYE LUKI—ELECTRIC EQUIPMENT INDUSTRY—ACCOUNTING

Organization of standard accounting at the high-voltage equipment plant in Velikiye Luki. S. L. Rublanov, Trudy NIIT'masha no. 1:117-135 '65.

VENA CAVA—DISEASES

New variations of operations in the treatment of patients with the syndrome of vena cava superior. C. V. Potemkina, Khirurgia 42 no. 1:33-39 Ap '66.

VENISERS AND VENEERING

Warping of wood-particle boards in furniture manufacture. V. I. Pinkin, Detskiy prom. 15 no. 1:18-21 Ap '66.

VENISERS AND VENEERING—EQUIPMENT AND SUPPLIES

Pneumatic clamp frame with electric contact heating. I. E. Sherman, Biol. tekhn. ekonom. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 19 no. 2:16-17 '66.

VENEZUELA—COMMUNIST PARTY

"The jail has become our school." Francisco Miralles, Mol. komm. no. 2:95-101 '66.

VENEZUELA—POLITICAL PRISONERS

A letter from Maracay, Mol. komm. no. 2:96-100 '66.

VENTILATION

Icetic modeling of air interchange. R. I. A. Tsiganov, Vod. i san. tekhn. no. 5:20 My '65.

VENUS (PLANET)

The planet Venus, A. D. Kur'min, Zem. i vesol. 2 no. 2:1-19 Mr.-Ap '66.

VERKHNIY UFALEY (CHELYADINSK PROVINCE)—NICKEL INDUSTRY

On profit, profitable production and material self-interest. G. Pestov, Prikl. zhizn' no. 9:36-39 My '66.

VERKHOYANSK RANGE—GEOLOGY, STRUCTURAL

Basic characteristics of the tectonic development of the eastern part of the Verkhoyansk Range. A. K. Bakhin, Geol. i geofiz. no. 1:63-75 '66.

VERTEBRAE—TUMORS

Remote results of surgical treatment of intraparasvertebral tumors. K. I. Pen'kov, Vop. neirokhir. no. 3:55-56 '65.

VERTEBRAL ARTERY

Technique of extraction and examination of the main arteries of the neck of a cadaver. L. A. Cherkashin, Arkh. pat. 28 no. 2:80-87 '66.

VERTEBRATES, FOSSIL. See subdivision under Kanav Hydroelectric Power Station region

VETERANS, DISABLED

Privileges of disabled veterans. M. Shainpov, Sots. obshch. 41 no. 3:48-50 Mr '66.

VETERINARY ANATOMY

Interrelations and function of external and internal intercostal muscles in domestic and some wild animals. M. I. Blekman, Trudy AZVI 13:256-261 '64.

VETERINARY EMBRYOLOGY

Development of the liver in sheep during the uterine period. G. M. Shelanova, R. E. Kaledina, Uch. zap. Mord. gos. un. no. 47:149-154 '65.

Development of the liver in swine during the uterine period. G. M. Shelanova, V. V. Vasil'tseva, Uch. zap. Mord. gos. un. no. 47:155-161 '65.

Embryogenesis in fine-wool sheep. F. M. Mukhamedgaliev, K. Baimukhambetov, Trudy AZVI 13:199-210 '64.

Embryogenesis of the liver in sheep and the histochemistry of DNA. R. A. Tolchitsky, Trudy AZVI 13:242-248 '64.

Histochemical study of glycogen in the ovary of cattle during the uterine period of development. G. B. Evranova, Uch. zap. KVI 93:210-222 '64.

Some problems of early embryogenesis in fine-wool sheep. F. M. Mukhamedgaliev, K. Baimukhambetov, Trudy AZVI 13:211-219 '64.

VETERINARY HEMATOLOGY

Change in some biochemical indices of the blood in calves under the effect of ultraviolet irradiation. P. K. Smetov, Uch. zap. KVI 92:181-185 '64.

Change in the enzymatic characteristics, total protein and its fractions in the blood of animals under the effect of chlorophos, acetochlorophos, and thiophos. S. G. Tsarev, O. V. Pavlova, Uch. zap. KVI 92:225-232 '64.

Changes in the blood and the bone marrow of cattle with babesiosis. I. M. Karpul', Veterinarika 12 no. 3:60-64 Mr '66.

Content of vitamin A in the blood of sheep as related to seasons and time of the year. N. I. Solomatina, Trudy AZVI 13:287-300 '64.

Effect of some microelements on the clinical and hematological indices in cows in the vicinity of Saransk. P. P. Golyshenkov, Uch. zap. Mord. gos. un. no. 47:93-98 '65.

Some data on the morphological and chemical changes in the blood of animals after the injection of a mixture of adrenaline, novocaine, and ethyl alcohol solutions into the cerebrospinal fluid. V. G. Bushkov, D. F. Danilov, Uch. zap. KVI 92:110-124 '64.

VETERINARY HISTOLOGY

Histogenesis of the cardiac musculature in sheep. O. I. Baidengalova, Trudy AZVI 13:233-241 '64.

Reproduction of nerve cells in the brain of animals. A. Murzaniyev, Trudy AZVI 13:276-288 '64.

VETERINARY IMMUNOLOGY

Differences between cattle infected with brucellosis and cattle inoculated with the strain 18 vaccine. H. A. Abdukhau, Vest. AN DSSR, Ser. sel'sk. khoz. nauch. no. 1:128-133 '66.

Effect of antibiotics on immunogenesis in experimental swine cystitis. V. P. Kovalev, Veterinarika 42 no. 3:52-53 Mr '66.

Opsonocytaphag reaction in the immunization of animals against anaerobic infections. I. B. Safarov, R. A. Kadyrov, Veterinarika 12 no. 3:112-113 Mr '66.

VETERINARY INSTRUMENTS AND APPARATUS

Cutters used in trimming the hoofs of cattle. N. P. Kolushov, Uch. zap. Mord. gos. un. no. 47:117-118 '65.

VETERINARY LABORATORIES

Women in scientific and practical work. A. S. Serebriakov, Veterinarika 12 no. 3:10-13 Mr '66.

VETERINARY MATERIA MEDICA AND PHARMACY

Hypsoallite therapy in veterinary practice. P. P. Golyshenkov, A. T. Dulebov, Uch. zap. Mord. gos. un. no. 47:99-101 '65.

Medicinal properties of "tarantulin." L. F. Abakumova and others, Trudy AZVI 13:168-170 '64.

Use of the "birch fungus" (Monotus obliquus) in veterinary medicine. P. P. Golyshenkov, I. R. Shashanov, Uch. zap. Mord. gos. un. no. 17:167-170 '65.

VETERINARY MEDICINE

(see also subdivision under Uzbekistan; Vladimir-Volynsky District)

Baranovskiy, M. A. [Listeriosis in animals] Listerioz zhivotnykh. Minsk, [Urozhai] 1965. 104 p.

Measures for controlling leptospirosis and listeriosis in farm animals. K. Ostapenko, Vest. sel'sk. khoz. nauch. 10 no. 3:149-151 Mr '65.

Modern active prophylaxis of diseases of farm animals, its essence and tasks. Kh. G. Gizatullin, Uch. zap. KVI 93:64-74 '64.

Our practices in the use of epileural novocaine block in treating sick animals. P. A. Solodkov, Uch. zap. KVI 92:47-50 '64.

Passive immunization and the hematologic diagnosis of leukosis in farm animals. S. K. Salakhova, Vest. sel'sk. khoz. nauch. [Kavkaz] 9 no. 3:71-73 Mr '66.

Some problems of the etiology and specific prophylaxis of leptospirosis in animals in the Mordovian A. S. S. R. I. I. Nikolaev, Uch. zap. Mord. gos. un. no. 17:119-123 '65.

Treatment of paralysis in farm animals. A. V. Dunayin, Uch. zap. KVI 92:132-133 '64.

Use of epileural novocaine block in clinical practice. A. I. Chernyshev, Uch. zap. KVI 92:42-46 '64.

Use of epileural novocaine block in treating paresis and paralysis of pelvic extremities in cattle and swine. S. Z. Gaimutdinov, Uch. zap. KVI 92:51-55 '64.

VETERINARY MEDICINE—CONGRESSES

At the Kazan Veterinary Institute. Kh. G. Gizatullin, Uch. zap. KVI 90:240-248 '64.

VETERINARY MEDICINE—PERIODICALS

Reader criticisms and advice. N. A. Prudentov, Veterinarika 42 no. 3:121 Mr '66.

VETERINARY MEDICINE—STUDY AND TEACHING

see subdivision under Kazan

VETERINARY PATHOLOGY

Some data on the study of typological reactivity in healthy and wounded animals during a moderate artificial hypothermia. Sh. N. Sharipov, Uch. zap. KVI 93:185-193 '64.

VETERINARY RESEARCH see subdivision under Kazan

VETERINARY SURGERY

Equipment of surgical treatment of coenurosis in sheep and the technique of the removal of coenurosis bladders. M. L. Artem'ev, Uch. zap. KVI 92:243-246 '64.

Studying heart biopotentials in cattle during operations on the internal organs. G. P. Novoshinov, Uch. zap. KVI 92:10-21 '64.

VETERINARY SURGERY—CONGRESSES

Resolution of the Surgical Section of the All-Union Scientific Conference Dedicated to the 90th Anniversary of the Kazan Veterinary Institute, June 1963.

VIBRATION

Simultaneous vibrations of an elastic half-space and a layer under movable load. M. I. Rinzanova, H. H. Flonenko, Dop. AN USSR no. 3:318-322 '66.

VIBRATION—PHYSIOLOGICAL EFFECT

Change in the resistance of animal organisms to some chemical preparations and physical stress under the influence of vibration. V. A. Kozlov and others, Dokl. AN SSSR 167 no. 4:925-927 Ap '66.

The crew, the vehicle, vibrations. N. Burlachenko, I. U. Barkov, Tekhn. i voen. nauch. no. 9:34-36 S '65.

Prevention of vibration sickness. A. Tsyl'sar', Okhr. truda i sots. strakh. 9 no. 5:34-35 My '65.

VIBRATION (MARINE ENGINEERING)

Measuring the vibration of ship mechanisms. A. V. Chichikluf, Sudostroenie 30 no. 4:48-49 Ap '64.

VIBRATORS

Basic parameters of the vibration aging of iron castings. G. A. Adolov, A. M. Gerchikov, E. Ch. Gini, Lit. prozv. no. 3:28-31 Mr '66.

Calculating vibrating units for cleaning and finishing parts. N. A. Kurnatov, I. V. Politov, L. M. Shapiro, Trudy NIIT'masha no. 1:11-17 '65.

Determination of the amplitude of oscillations of an electromagnetic vibrator. S. A. Piskovskii, Elektro-tekhnika 37 no. 4:60-61 Ap '65.

Double 30-ton vibrators for forming 3x12 m. panels. P. Aheych, I. A. Kolomois, A. Buniakin, Bud. mat. i konstr. 7 no. 4:44-46 Ji-Ag '65.

Vibration mills for materials used in foundry. P. T. Ovchinnikov and others, Lit. prozv. no. 3:18-19 Mr '66.

VIBRIO—CULTURES AND CULTURE MEDIA

Culturing Vibrio fetus on Endo's medium. T. A. Mamedov, Veterinarika 42 no. 3:114 Mr '66.

VIBRIO COMMA

Nucleotide composition of the desoxyribonucleic acid of cholera and paracholera vibrios. A. Z. Kutsemayina, Zh. mikrobiol., epid. i immun. 13 no. 3:10-13 Mr '66.

VIDEO TAPE RECORDERS AND RECORDING

Efimov, A. P. [Recording of sound and images] Zapisi' zvuka i izobrazheniya. Moskva, Svyaz', 1966. 111 p.

VIETNAM, NORTH—AMEBIASIS

Ameliasis in the Democratic Republic of Vietnam. A. I. Khramov, Azerb. med. zhur. 42 no. 12:44-46 D '65.

VIETNAM, NORTH—AUTHORS

Armed masses. Aleksandr Isakhs, Nov. vrem. 23 no. 19:25-27 My '66.

VIETNAM, NORTH—POLITICS AND GOVERNMENT

Resoluteness of Vietnam's declaration of the National Assembly of the Democratic Republic of Vietnam. Nov. vrem. 23 no. 20:18-19 My '66.

VIETNAM, SOUTH—MILITARY ASSISTANCE, AMERICAN see Vietnamese War

VIETNAM, SOUTH—MILITARY ASSISTANCE, LATIN AMERICAN

Vietnamese War and Latin America. I. U. Gvozdev, Nov. vrem. 23 no. 21:14-15 My '66.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT

Sluggish through the eyes of a Frenchman. Fernand Gigon, Az. i Afr. seg. 9 no. 5:30-32 My '66.

VIETNAM, SOUTH—SOVEREIGNTY, VIOLATION OF

Some legal aspects of the Vietnamese war. M. Holberg, Mezhdunar. zhizn' 13 no. 5:110-112 '66.

VIRUSES—CONGRESSES

Brief news, Vop.virus. 11 no.1:119-125 Ja-I '66

VIRUSES—CULTURES AND CULTURE MEDIA

Interaction of the fowl pox virus with the cells of the chorioallantoic membranes of chicken embryos. V.M.Apatenko, Vopr.virus 42 no.3:31-37 Mi '66.

Use of monolayer transplants of cell cultures under field conditions. G.A.Bashmakov, Voen.-med.zhur. no.3 46-52 Mi '66.

Viruses isolated from encephalomyelitis and multiple sclerosis patients. Study of the pathomorphology of experimental infection in chicks and chick embryos. E.N.Bychkova, R.M.Shen, A.I.Vanag Vop.virus 11 no.1:68-77 Ja-I '66

VISCERA—DISEASES

Gorky, Gorkovskii meditsinskii institut. [Some mechanisms of visceral disorders in thyrotoxicosis, material for discussions at the 8th scientific conference of the Gorky Medical Institute on problems of neuroendocrine pathology] Nekotorye mekhanizmy viseral'nykh narushenii pri tsirotozikozе; material k obsuzhdeniiu na VIII nauchnoi konferentsii Gorkovskogo meditsinskogo instituta po voprosam neuroendokrinol patologii Gorkii, 1965. 45 p. (DNLM)

VISCERA—INNERVATION

Visceral analysis in the early stages of ontogeny. N.A.Moliseva, Vop.anat.fiziol anat. no.2:128-145 '66.

VISCOSE

Effect of the conditions of bleaching and refining of sulfate pulp on the process of ripening and its reactivity toward viscose formation. L.E.Akimov, Z.P.Litvinskii Zhur prikl khim. 10 no.3:660-663 Mi '66.

VISCOSIMETER

Rotational capillary viscosimeter. P.P.Pugachevich, V.P.Pugachevich, Zhur fiz.khim. 10 no.4 863-864 Ap '66.

Rotational viscosimeters for investigating the rheological properties of dispersed systems and high-molecular compounds (survey). M.P.Volavich, N.V.Lazovskaya, Koll.zhur. 38 no.2:108-123 Mr-Apr '66.

Tubular setup for studying the flow of coarsely dispersed suspensions of high density. I.G.Bulina, Zav.kh. 31 no.7:882-884 '65.

Using the VVDU-1 viscosimeter for studying light viscosity petroleum. P.P.Saenko, N.V.Talil, Nefteloprom. delo no.4:35-36 '66

VISCOSIMETRY

Connection between viscous and thermodynamic properties in molten metals. L.A.Koledov, Sbornik stali i spлав, no.41:177-188 '66

Instrument for determining composition viscosity. V.Kh.Paronian and others, Masl.-zhir.prom. 32 no.2:31-36 I '66.

Investigating the phenomena of the hysteresis lag in molten metals. T.L.Gol'df, A.P.Lubimov, Sbornik stali i spлав, no.41:166-170 '66

Vibration method of viscosity measurement. A.N.Solov'ev, A.B.Kaplan, Zav.kh. 31 no.6:711-715 '65

Viscosity and electric conductivity of alumina-chromium slags. I.L.Khmel'nitskii, S.I.Suchil'nikov, IU, A.Drablin, Izv.vys.ucheb.zav., fizich.mel. 9 no.4: 14-18 '66.

Viscosity of aluminothermic slags. IU, L.Miner and others, Stal' 26 no.4:329-338 Ap '66.

VISCOSITY

Activation energy of viscosity and the conductance of liquids. A.N.Khizhnev, L.N.Danov, Zhur fiz.khim. 10 no.2:508-509 I '66

Calculating the viscosity coefficient of gaseous mixtures at atmospheric pressure. P.M.Kessel'man, A.B.Litvinov, Inzh.-fiz.zhur. 10 no.3:385-392 Mr '66.

Conductance and viscosity of melts in the systems Bi-Se, Bi-Te, Sb-Te. V.M.Glazov, A.N.Krasovnikov, N.N.Glagoleva, Izv.AN SSSR, Neorg.mal. 2 no.3:453-500 Mr '66.

Effect of temperature on the viscosity of butadiene-styrene latexes. V.L.Kuznetsov and others, Kauch.i rez. 24 no.3 16-18 Mr '65.

Method of determining the viscosity and degree of polymerization of cellulose. L.S.Bolotnikov, S.N.Danilov, T.I.Samsonova, Zhur.prikl.khim. 39 no.1:176-180 Ja '66.

New rapid method of determining the viscosity of various plant fibers. E.S.Ghoroshina, R.D.Gordonova, N.S.Arduina, Nauch.-issl.trudy VNIIPK no.15:125-127 '64.

VISHERA VALLEY (PERM PROVINCE)—GEO-MORPHOLOGY

Geomorphological structure of the Vishera region of the diamond-bearing area of the Ural. N.V.Vvedenskaya, I.I.Golubeva, Vest.Mosk.un.Ser.5: Geog. 21 no.2:33-38 Mr-Apr '66.

VISIBILITY

Calculation of the level of vision functions, using photometric techniques. V.S.Khazanov, Svetotekhnika 11 no.3:115-119 Mr '65.

VISIBILITY—MEASUREMENT

Influence of the polarization of light on measuring the limit of visibility in the daytime by a visibility polarization meter. I.A.Sivikovskii, Trudy NIIGMP no.13 37-46 '65

VISION

Formation of visual conditioned reflexes in early ontogeny. V.O.Toshchukin, Fiziol.zhur.[Ukr.] 10 no.6 703-708 N-D '61.

Improvement of form analysis in the ontogeny of dogs. O.D.Chetrenko, P.D.Khrushchenko, Fiziol.zhur.[Ukr.] 10 no.6:731-738 N-D '61.

Role of the anterior corpus bigeminum in the function of vision. L.M.Kotelenko, Nauch.dokl.vys.shkoly, biol.nauk 10 2:71-77 '65

VITAMIN METABOLISM

Dynamics of vitamins C, B₁ and P₁ metabolism indices in epidemic Botkin's hepatitis. M.A.Borisova, Vop.pit. 25 no.2 80-81 Mr-Apr '66

Effect of homogenization on vitamins B₁ and B₂ accumulation in the organs of rats. E.I.Solov'eva, V.P.Trofimovich, Vop.pit. 24 no.4 13-17 My-Ju '61

Effect of Vitamin P on dehydroascorbic acid reduction by the liver tissue of guinea pigs subjected to over-heating. I.A.Ishchina, Vop.pit. 24 no.3 61-62 My-Ju '61

Energy expenditure and vitamin supply of the organism of workers employed on large refrigerator fishing trawlers operating in the waters of the North Atlantic. G.I.Bondaruk and others, Vop.pit. 23 no.3 22-26 My-Ju '61

Vitamin saturation of the body in tankmen during periods of field exercises and firing. I.A.Danilov, Voen.-med.zhur. no.1 51-53 Ap '66

VITAMIN THERAPY

Excretion of some vitamins by neurological patients treated with the help of respiratory apparatus. A.A.Novakovich and others, Vop.pit. 25 no.1 71-75 Ja-I '66.

Occupation and vitamins. I.TSvang, Okhr.truda i sois.stokh. 9 no.4:20-21 Ap '65

VITAMINS

(see also subdivision under Aga Baryat National Area, Chita)

Effect of some hydrosoluble vitamins on the development of aseptic inflammation. IU, S.Grosman, E.M.Chukichev, Pat.fiziol.i eksp.terap. 10 no.1:65-68 Ja-F '66

Enrichment of mixed feeds with water- and fat-soluble vitamins. B.P.Nikolaev and others, Trudy VNIIZ no.53 93-99 '61.

Role of amino group of the thiamine pyrimidine component in the mechanism of vitamin deposition in tissues. IU, M.Ostrovskii, Biokhimiia 31 no.1:50-58 Ja-F '66.

Use of the vitamin C + P complex in sausage production. B.Federchik, Muzh.mil.SSSR 37 no.2:10 '66.

Vitamin C, carotin, and tanning substances in quince fruits. Madzhid Bashir Ali-Azad, F.I.Petrovskii, Izv.vys.ucheb.zav., fizich.tekh. no.2 26-28 '65

VITAMINS—A

Content of vitamin A in the blood of sheep as related to seasons and time of the year. N.I.Solomatina, Trudy AZVI 13:297-300 '64.

Criteria of vitamin A supply in the organism. N.P.Dobronravova, Vop.pit. 23 no.3 26-28 My-Ju '61.

Effect of toxic vitamin A doses on the ultrastructure of the adrenal gland and the electrolyte metabolism in rats. I.I.Glezer, N.I.Mitashova, A.O.Natanson, Vop.pit. 25 no.1:16-23 Ja-I '66.

Effect of vitamin A on the protective reaction of the body to the injection of the thrombin into the blood stream. A.Sh.Dyshkevskii, Biul.eksp.biol.i med. 61 no.2: 34-36 F '66.

Modification of the Budowski-Rondt method for the determination of vitamin A in whole blood. IU, M.Zalenskaya, Vop.med.khim. 12 no.2:208-210 Mr-Apr '66.

Vitamin A level in the blood as an indicator of vitamin A supply in the organism. A.A.Antsova, Vop.pit. 23 no.3 23-33 My-Ju '64.

VITAMINS—B₂ see Folic acid

VITAMINS—B₂ see Riboflavin

VITAMINS—B₁₂ see Cyanocobalamin

VITAMINS—C see Ascorbic acid

VITAMINS—D

K, Na and Ca content in the plasma and erythrocytes of rats in hypervitaminosis D. N.P.Spiricheva, V.B.Spirichev, Vop.med.khim. 11 no.3:20-26 My-Ju '65.

VITAMINS—D₂ see Ergocalciferol

VITAMINS—G see Riboflavin

VITAMINS—M see Folic acid

VITAMINS—P see Bioflavonoids

VITAMINS—X see Bioflavonoids

VITAMINS AS FEED

Use of vitamins for increasing livestock production. L.Litina, Vest.soi'khoz.nauk 10 no.3:351-353 Mi '65.

VITEBSK—RUG AND CARPET INDUSTRY

Creative generosity. P.Surnikov, NTO 8 no.1:37 Ap '66.

VITEBSK—STUDENT ACTIVITIES

Organizing the socially useful work. I.D.Chetnyshenko, Shkola i proizv. 10 no.5:40-42 My '66.

VITEBSK—WELDING

Organization of the welding section in the Vitebsk Assembling Division of the "Belantekhmontazh" Trust. A.Presal'ten, A.Urman, Mont.i spets.rab.v stroi. 28 no.4:15 Ap '66

VITEBSK PROVINCE—AUDITING AND INSPECTION

Control over the reliability of documents presented to the bank. N.Riabsev, Den i kred. 24 no.4:57-58 Ap '65

VITEBSK PROVINCE—COLLECTIVE FARMS—FINANCE

Profitableness of collective farm production. IA, Bilankman, Den i kred. 24 no.4:35-37 Ap '66.

VITICULTURE—EQUIPMENT AND SUPPLIES

Machines for the mechanization of work in orchards and vineyards. P.M.Komisarov, Trakt.i sel'khoz-mash. no.5 24-26 My '66.

VITREOUS MATERIALS

Study of the system P₂O₅ - MgO - Al₂O₃ - Na₂O as a basis for the production of readily fusible enamels. K.P.Azarov, A.S.Migonadzhiev, Zhur.prikl.khim. 38 no.2:414-416 F '65.

VITREOUS STATE

Phase diagram of the system NaBF₄ - NaPO₃. M.E.Levina, B.S.Shochev, Uki.khim.zhur. 32 no.3: 253-255 '66.

Potentialities of the differential thermal analysis in studying the crystallization of glasses. I.I.Khaigorodskii, R.IA.Khodkovskaya, Dokl.AN SSSR 167 no.4: 869-872 Ap '66.

Pyroxene formation in the system CaO - MgO - SiO₂ + (R₂O, R₂O₃). L.A.Zhulina and others, Vest.AN BSSR, Ser.khim.nav. no.4:52-63 '65.

VIVIANITE see subdivision under Rozdol region (Ukraine)

VLADIMIR—DAIRY INDUSTRY

Production is higher and quality is better. A.Safaev, Zakup.soi'khoz.prod. no.3:3 Mr '66.

VLADIMIR—PHYSICALLY HANDICAPPED—REHABILITATION

Time to start work. N.Solov'ev, Sois.obsep. 41 no.4: 42-14 Ap '66.

VLADIMIR PROVINCE—ECONOMICS—STUDY AND TEACHING

The economic reform and the economic training of workers. S.Surnichenko, Parl.zhizn' no.10 52-56 My '65.

VLADIMIR-VOLYNSKIY DISTRICT—VETERINARY MEDICINE

Results of a competition in honor of the Congress. G.V.Saenko, V.L.Matsluk, Veterinarika 42 no.3:24-28 Mr '66.

VLADIMIRTSOV, BORIS IAKOVLEVICH, 1884-1931

Academician B.IA.Vladimirtsov's two letters. G.N.Rumiantsev, Trudy BKNII no.16:225-227 '65.

VLADIVOSTOK—LABOR AND LABORING CLASSES—MEDICAL CARE

According to the workshop principle. V.Zhukovskaya, Okhr.truda i sois.etrakh. 9 no.5:12-13 My '66.

VLADIVOSTOK—MONUMENTS

To the fighters for the Soviet regime. L.Belogorlova, Iskusstvo 29 no.2:40-43 '66.

VNUKOVO (MOSCOW PROVINCE)—SOVIETS

Soviets of working honor. S.Sokolovskii, Grazhd.av. 22 no.4:11 Ap '65.

VORONEZH—SYNTHETIC RUBBER INDUSTRY

Artificial lighting of the production shops of the Voronezh Synthetic Rubber Plant. M. M. Strebkov. Khim. i tekhn. 25 no. 4:39-41 '66.

VORONEZH PROVINCE—COOPERATIVE SOCIETIES

Let's put the carrying out of instructions under unrelenting supervision. P. Zakhovnev. Sov. potreb. koop. 10 no. 1:50 Ap '66.

VORONEZH PROVINCE—CULICOIDES

Evaluation of methods used in collecting midges of the genus Culicoides and the influence of meteorological factors on their activity in Voronezh Province. K. T. Korneva. Med. parazit. i parazit. bol. 35 no. 1:21-27 Jul '66.

VORONEZH PROVINCE—OAK

Use of agricultural crops in growing spot-seeded oak. I. V. Tichonchikovskii. Sbornik VNIILAN 10 no. 1:102-130 '63.

VORONEZH PROVINCE—RETAIL TRADE

Retail trade network is specializing. N. Lajol, S. Strelnikina. Sov. potreb. koop. 10 no. 4:79 Ap '66.

VORONEZH PROVINCE—SMUTS

Early seed disinfection. N. Andkoeva, Zashch. rast. 11 no. 2:30-31 '66.

VOYCHOK, MAIKO, pseud. see Maikovich, Mariia Oleksandriivna (Vilnitskaia), 1934-1997

VOZNESENSKII, IVAN NIKOLAEVICH, 1887-1946

Scientist and engineer. Shkola pilotov 10 no. 5:91-96 My '66.

VRANGEL' ISLAND—BOTANY

New floral funds on Vrangl' Island. V. V. Petrovskii. Bot. zhur. 51 no. 1:416-470 Mr '66.

VULCANIZATION

Effect of branched structures of the physical and mechanical properties of natural rubber vulcanizates. A. V. Igumova, B. A. Dugadkin, V. N. Kuleznev. Koll. zhur. 28 no. 2:28-33 Mr-Apr '66.

Effect of the preheating of rubber compounds by high-frequency induction heating on the physical-mechanical properties of vulcanizates. G. P. Pedan. Khim. fiz. 23 no. 3:26-27 Mr '66.

Efficiency of some antilagging agents dependent on the type of used vulcanization accelerators. G. N. Bulkin and others. Kuch. i tekhn. 25 no. 1:10 '66.

Studying the process of heat transfer during the vulcanization of conveyor belts in steam heated presses. V. O. Lopysh, S. A. Igumova, N. A. Zaitseva. Khim. i tekhn. 25 no. 1:18-21 '66.

Using the method of microhardness measurement in determining the degree of vulcanization of rubber goods. V. D. Sokol'skaya, M. I. Ponomareva, R. K. Golovina. Kuch. i tekhn. 25 no. 4:16-18 '66.

Vulcanization of rubber by a shock wave. I. M. Galkalov and others. Dokl. AN SSSR 167 no. 5:1077-1079 Ap '66.

VYSOKOGORSKIY REGION (URAL MOUNTAINS)—CRUSHING MACHINERY—DESIGN AND CONSTRUCTION

Assembling an underground crushing unit in the "Magnitka-his" mine. I. A. Logachev. Mon. i spets. rab. v stroit. 25 no. 12:11-13 D '62.

WAGES

In the State Committee of Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Council of Trade Unions. Sots. trud 11 no. 4:148-150 Ap '66.

Statute on the enterprise and some wage problems. I. U. Pak. Sots. trud 11 no. 4:46-49 Ap '66.

Statute on the enterprise: wages and awarding bonuses to workers. Sots. trud 11 no. 4:137-143 Ap '66.

Temporary substitution. Sots. trud 11 no. 4:143-147 Ap '66.

WAGES—CONSTRUCTION INDUSTRY

(see also subdivision under Kazakhstan)

Moscow. Nauchno-issledovatel'skii institut ekonomiki stroitel'stva. [Collection of standard estimates of labor expenditures and wages for the construction of large-panel apartment houses according to series 1-335A standard designs; general construction, finishing, sanitary engineering, and electrical installation work] Sbornik tipovykh kalkulatsii zatsat truda i zarabotnoi platy na stroitel'stvo krumopanel'nykh zhilykh domov po tipovym proektam serii 1-335A; obshchestroitel'nye, otdelochnye, sanitarno-tekhnicheskie i elektromontazhnye raboty. Moskva, Stroizdat, 1965. 205 p.

A new procedure for distributing bonuses among construction and assembly organizations for putting construction projects into operation. V. Rakoti. Ekonom. stroit. 8 no. 6:68-72 My '66.

WAGES—CONSTRUCTION WORKERS see subdivision under White Russia

WAGES—DEPARTMENT STORES see subdivision under Kharkov

WAGES—FLOUR INDUSTRY

Cost of production and incentives for workers at flour mills. M. Zil'berling. Khim. i tekhn. 25 no. 1:21 Mr '66.

WAGES—GEOLOGICAL ENGINEERS

Consultation on problems of wages. Razved. i okh. nedr. 31 no. 3:59 Mr '65.

WAGES—HIGHWAY TRANSPORT WORKERS

New trends in the remuneration of highway transport workers. K. Kolesov. Avto. i avto. 31 no. 3:11-19 Mr '66.

WAGES—INSURANCE AGENTS

Procedures for issuing bonuses to the inspection workers of the State Insurance Administration. N. Ivanovskii. Fin. SSSR 10 no. 1:78-80 Ap '66.

WAGES—LONGSHOREMEN

Scientific basis of organization of labor and material incentives in loading and unloading operations. N. Ivanov. Rech. transp. 25 no. 3:15-16 '66.

WAGES—MACHINERY INDUSTRY

(see also subdivision under Kiev Economic region)

Technological progress, wage system, and production quality. Sots. trud 11 no. 4:50-72 Ap '66.

WAGES—MOTOR VEHICLE DRIVERS

Supplementary wages for motor vehicle drivers. Ekonom. i zhizn' 8 no. 3:94 Mr '66.

WAGES—PAPER INDUSTRY

Correction coefficients for the correction of wage funds. M. I. Ivcher. Bum. prom. no. 1:29-30 Ap '66.

WATER—POLLUTION see subdivision under White Russia

WAGES—RAILROADS

What are the advantages of consolidated production norms in stations. Zhel. i avto. transp. 18 no. 1:50-52 Ap '66.

WAGES—TABLES AND READY-RECKONERS

Sharpin, S. A. [Tables for computing the wages of workers and employees for days of actual work according to the salary rates] Tablitsy ischisleniia zarabotnoi platy rabochikh i sluzhashchikh za otnabotannye dni po okladam. L'vov, Kamennik, 1966. 100 p.

WAGES—TEXTILE MACHINERY INDUSTRY see subdivision under Moscow Province

WAGES—TRUCK DRIVERS

Consultation on problems of wages. Razved. i okh. nedr. 31 no. 3:59 Mr '65.

WALL PAPER

Film materials without backing and materials with paper backing based on polyvinyl chloride for wall facing in dwellings and industrial buildings. K. M. Skirnova and others. Nauch.-issl. trudy VNIIPIC no. 15:86-90 '64.

WALLS

Effective frost-resistant hollow stone of diatomites for exterior elements of buildings. I. S. Kashkaev. Sbornik VNIISTROM no. 1:122-127 '64.

Shchekun, R. V. [Heat engineering calculations for exterior-wall elements of heated buildings] Teploekhnicheskie raschety otnabotannostikh konstruktsii otaplivayemykh zdani. Kiev, Budivelnik, 1966. 11 p.

Summer temperature regime of lightweight exterior walls of buildings. E. A. Soldatov. Stroitel'stvo. 7 no. 1:37-39 Ap '66.

WALTER, GEBHARDT VON, 1902-

People and events: Gebhardt von Walter. Nov. vrem. 23 no. 20:27 My '66.

WAR CRIMINALS see subdivision under Germany, West

WARTLE FLIES—EXTERMINATION

Methods of estimating the effectiveness of the use of insecticides in the control of warble flies, published as a topic for discussion. A. A. Nopokonov, G. A. Talanov. Veterinaria 42 no. 3:56-60 Mr '63.

Preparations for controlling the warble fly infestation of cattle. A. A. Nopokonov, G. A. Talanov. Khim. v sel. - khoz. no. 4:40-48 Ap '66.

Prophylactic extermination of the larvae in young cattle with Hypoderma infestation using chlorophos. O. P. Pervadev. Vest sel'skhoz. nauk [Kazakh.] 9 no. 3:100-111 Mr '66.

WAREHOUSES—MECHANIZATION

Mechanization and automation in commercial warehouses. A. P. Ariste, Kh. O. Kians, I. V. Pulstama, Mekh. i avtom. proizv. 20 no. 4:12-11 Ap '66.

WARSAW—APARTMENT HOUSES

Housing construction in Warsaw. Boleslav Kalinski. Zhil. stroit. no. 4:21-28 '65.

WASILEWSKA, WANDA, 1905-1964

W. L. Wasilewska. P. M. Kalenyshenko, Ukr. ist. zhur. 9 no. 2:128-130 F '65.

WASTE HEAT

Determining the economically efficient pressure over the distillation apparatus used in soda production in case of the utilization of its heat by means of a thermo-compressor. A. V. Samko. Khim. prom. 42 no. 4:285-287 Ap '66.

WASTE PRODUCTS

Utilization of essential oil wastes. V. G. Prudze, N. A. Kekelidze. Mash. i zhil. prom. 32 no. 2:25 F '65.

WATER—AERATION

Effect of steam aeration on the ships in the lock chamber. G. Onipchenko. Rech. transp. 23 no. 3:39-40 Mr '61.

WATER—ANALYSIS

(see also subdivision under Kalaua Valley)

Colorimetric determination of small quantities of hydroquinone in solutions and waste waters. I. U. Juro, Z. V. Nikolaeva. Zav. lab. 31 no. 7:802-804 '65.

Methodology of determining the overall silicon content of water and its practical verification. I. U. Kostrikina, O. M. Shchukina, A. Dzysluk. Teploenergetika 13 no. 3:93-91 Mr '66.

New variant of S. A. Dmitriyev's doubled triangle diagram for the expression of the chemical composition of natural waters. M. I. Litvinov. S. A. Durov. Trudy NPI 121:61-65 '61.

WATER—COMPOSITION

(see also subdivision under Alakol' Lakes, Crimea)

Hydrogen bonds in water and their significance for geological formations. A. M. Blokh. Izv. AN SSSR Ser. geol. 31 no. 3:42-58 Mr '66.

WATER—EFFECT ON PLANTS see Plants, Effect of water on

WATER—OPTICAL PROPERTIES

Infrared spectra of reflection from sea and fresh water and some water solutions. M. A. Kropotkin, B. P. Kozlov, V. A. Zaitsev. Izv. AN SSSR, Fiz. atm. i okean. 2 no. 4:134-135 Ap '66.

WATER—POLLUTION see subdivision under Moldavia

WATER—PURIFICATION

Apparatus for purifying bilge water. I. Tuv, I. U. Katinin. Rech. transp. 24 no. 9:18 '65.

Horizontal sedimentation tanks with decentralized water-collecting header for clarified water. K. V. Gnedin. Vod. i san. tekhn. no. 5:25-27 My '65.

WATER—SPECTRA

Characteristics of water behavior during its adsorption from diluted solutions by synthetic zeolites. I. S. Krasnitsina, N. S. Taraschinskaya, V. L. Tikhadze. Vestnik AN SSSR, Ser. khim. nauk. no. 1:70-72 '66.

WATER—THERMAL PROPERTIES

Heat emission of boiling water heated below the saturation point. A. S. Korikov, I. U. D. Barulin. Teploenergetika 13 no. 3:82-85 Mr '66.

WATER—THERMODYNAMICS

Experimental study of the viscosity of water and steam. S. L. Rivkin, A. A. Lovin. Teploenergetika 13 no. 4:70-82 Ap '66.

A sensation effect. V. G. Levich. Usp. fiz. nauk 89 no. 4:787-788 Ap '66.

Structure and thermodynamic properties of water. Part 2: Structure of water in the triple point. I. U. Gurikov, Zhur. strukt. khim. 7 no. 1:8-14 Ja-F '66.

Study of the specific volume of water at and near the critical points. S. L. Rivkin and others. Teploenergetika 13 no. 4:60-62 Ap '66.

WATER, UNDERGROUND

(see also subdivision under Aktyubinsk Province; Caucasus, Northern; Dniester-Donets Lowland, Dnieper Valley; Kara Kum; Kura Province, Polesye, Tajikistan, Ukraine)

Calculating the unsteady flow of underground waters in a massif with an inclined slope. V. O. Malibroda. Gidravlika no. 2:160-167 '66.

WATER, UNDERGROUND (Continued)

Determining the parameters of water-bearing horizons according to combined pumping data V M Nekhoroshev Geot zhur 23 no 6 51-58 '63.

Methodology of predicting depression surfaces taking into consideration the infiltration from sewage irrigation fields into soil layers differing in their permeability to water N I Druzhinin Trudy LTTSTBP no.18 243-257 '65.

Methods and practice of studying the speed field of underground flows I F Burlyay Gidravlika no 3 134-141 '66.

Role of underground water discharge zones in the formation of hydrocarbon accumulations and their significance for oil prospecting V A Krotova Sov geol 9 no 3 97-105 Mr '66.

Instability flow of groundwater to void a gallery in the case of seepage M A Sattarov Dokl AN Tadzh SSR 9 no 3 7-11 '66.

WATER, UNDERGROUND—ANALYSIS see subdivision under Perm Province, Volga Valley

WATER, UNDERGROUND—COMPOSITION

(see also subdivision under Mugodzhur Hills, Uralbau)

Geochemistry of underground waters S R Kralnov and others Priroda 55 no 4 37-45 '66.

WATER FLEAS see subdivision under Kuybyshev Reservoir

WATER HEATERS

Bogomolov, A. I., B. S. Tikhonov, and S. E. Kutnik. [Change of domestic heating and water-heating appliances to gas fuel] Perevod bytovykh otopitel'nykh i vodorogrelynykh priborov na gazovoe toplivo. Moskva, Stroizdat, 1966. 202 p.

WATER IN PLANTS see Plants, Water in

WATER METABOLISM

Effect of Karmadon mineral water on water-salt metabolism I. N. Betonov. Vop kur., fizioter. i lech. fiz. kul't. 31 no.1-41-45 '66.

WATER PIPELINES

Construction of water pipelines in the area of metallurgical combine F. V. Vasilko, Vod i sanitsekh. no 5-38-39 My '65.

WATER PIPES

Calculation of ring water-pipe systems taking into account the interaction of rings M. P. Vasilchenko Vod i sanitsekh. no 5-21-24 My '65.

Centrifugal casting of cast-iron bell-mouthed, water pipe in hot metal molds with a sand and resin coating S M Dvoshkin and others Proizv. trub no 15 55-61 '65.

Large-diameter precast pipes from reinforced concrete E. A. Dragunov, V E Chernikov Enig. stroy. no 461 62-69 '64.

WATER RESOURCES DEVELOPMENT

Coast dynamics of large bodies of water as related to the utilization of water resources. S. L. Vendrov, Izv AN SSSR, Ser. geog. no 2 15-27 Mr-Apr '66.

In the Scientific Technological Council of the Ministry of Reclamation and Water Resources Management, A F Rad'ko, Gidr. i met. 18 no.4-58-61 Ap '66.

Rumyantsev, A. M. [Regulation of the use of the water resources of reservoirs] Regulirovaniye ispol'zovaniya vodnykh resursov vodokhranilishch. Pod obshchey red. T. L. Zolotareva. Moskva, Energiya, 1966. 115 p.

WATER SUPPLY see subdivision under Belozerska region (Zaporozh'ye Province); Ob' Valley

WATER-SUPPLY ENGINEERING

Tsentrospektrostroi. trust. [Installing systems of exterior water supply and sewerage] Montazh sistem vneshnego vodosnabzheniya i kanalizatsii. Pod red. A. K. Pereshivkina. Moskva, Stroizdat, 1966. 543 p. [Spravochnik po spetsial'nyim rabotam]

WATER VAPOR

Adsorption of water vapors on cation-substituted Askan clay M. S. Shukhishvili, G V TSitsishvili Trudy Inst khim AN Gruz. SSR 17 75-83 '64.

Catalytic conversion of propane with steam. V P. Rozhdetsvenskiy, V. I. Erofeeva Neftekhimiya 5 no 2: 204-210 Mr-Apr '65.

Kinetics of adsorption and desorption of water vapors on silica gels of varying porous structure G V TSitsishvili, N P. Okromchedidze Trudy Inst khim AN Gruz. SSR 17 53-64 '64.

WATER VOLES—EXTERMINATION see subdivision under Siberia, Western

WATERMELONS see subdivision under Sudan

WATERPROOFING

Film coverings for fresh concrete. G. I. Stupakov, L. I. Kulik. Stroi. i arkhit. Uzb. 7 no 2-19-21 F '66.

Improving the water resistance of mineral wool slabs with carbamide resins I. A. Aliperovich Sbornik VNIISTOM no 150-56 '61.

WATERWEED see subdivision under Archangel Province

WATERWORKS INTAKES see Intakes (hydraulic engineering)

WAVE EQUATIONS

Complete sets of observables. I. A. Smorodinskii, I. I. Tugov, Zhur. ekspl. teori. fiz. 50 no 3 653-659 Mr '66.

Mean wave field in a medium with random inhomogeneities I V Andrievskiy Izv. vys. ucheb. zav., radiofiz. 8 no 6 1069-1077 '65.

Propagation of strong monochromatic radiation in media with various types of spectral line broadening R. F. Borikova, F. F. Fradkin Izv. vys. ucheb. zav., radiofiz. 8 no 6 1069-1089 '65.

WAVE FUNCTIONS

Problem of the bodies. Complete system of angular functions. I. U. Simonov, Izd. fiz. 3 no.1:630-638 Ap '66.

WAVE GUIDES

Calculation of characteristics conductivity of wave guide filters. L. M. Andriushko, Izv. vys. ucheb. zav., radiofiz. 9 no.1:149-151 Ja-F '66.

Comparison of different types of lines according to transmitted power. I. S. Kovalev, Izv. vys. ucheb. zav., radiofiz. 9 no.1:143-145 Ja-F '66.

Effect of small dielectric losses on the characteristics of a resonant valve in a plane parallel wave guide. G. A. Red'kin Izv. vys. ucheb. zav., radiofiz. 9 no.1:124-126 Ja-F '66.

Electromagnetic waves in an isotropic stratified plasma wave guide V V Shevchenko Izv. vys. ucheb. zav., radiofiz. 9 no.1:110-125 '66.

Radiation from the aperture of a circular wave guide with an infinite flange B. A. Mishustin Izv. vys. ucheb. zav., radiofiz. 8 no 6 1178-1186 '65.

Reflection factor of a wave guide with a large number of nonuniformities. I. U. P. Votopayev, I. U. I. Makovoz, Izv. vys. ucheb. zav., radiofiz. 9 no.1:140-142 Ja-F '66.

Semiconductor wave guide attenuator with electrically combined control for microwave power stabilization. V. T. TSarenko, G. V. Bagrov, V. V. Borzhenko, Izv. vys. ucheb. zav., radiofiz. 9 no.1:63-70 Ja-F '66.

Use of directional couplers in some microwave devices. S. M. Finkel'shteyn, M. Z. Chasnik, Izv. vys. ucheb. zav., radiofiz. 9 no.1:59-62 Ja-F '66.

WAVE MECHANICS

Experimental study of some theorems in the classical theory of longitudinal impact S. B. Benilov, A. I. Shchurlov. Trudy MIIT no. 221:37-44 '66.

Spin-orbit interaction with a self-consistent field for molecules with open shells. Report No. 2 E D German, A. A. Levin, M. E. Diatkina Zhur. strukt. khim. 7 no.1: 138-139 Ja-F '66.

Study of a wave process in discretely anisotropic media using electrical analogies. S. B. Benilov, Trudy MIIT no 221 25-29 '66.

Use of electrical analogies in the study of wave processes during shock loads. S. B. Benilov, Trudy MIIT no. 221: 30-36 '66.

WAVES

(see also subdivision under Alakol' Lakos)

Experimental data on a standing wave A. P. Vasilenko. Gidravlika no 2:26-36 '66.

Reflection and refraction of a wave of arbitrary shape at a curvilinear interface I. M. Fuks Izv. vys. ucheb. zav., radiofiz. 8 no 8 1078-1088 '65.

WEATHER CONTROL see subdivision under Ukraine

WEATHER FORECASTING

Numerical scheme of short-range forecasting of stratiforms. I. U. G. Lashov, L. T. Matveev. Dokl. AN SSSR 167 no.5:1042-1045 Ap '66.

Objective method of forecasting southwestern cyclones in Central Asia. E. S. Kazarants, Nauch. i inzh. TashGU no. 259. Fiz. nauk no. 23:92-101 '64.

WEATHERING

(see also subdivision under Dniester Valley; Kursk Magnetic Anomaly; Rozdol region, Ukraine)

Calculation of the values of free energies of supergene minerals on the basis of the assumption of the stability of the chemical potentials and concentrations of the main elements in the waters of the world ocean. M. M. Ermolaev, Kora vyvetr. no. 7:13-45 '66.

Complex compounds of iron and aluminum with linear organic acids. E. I. Sokolova Kora vyvetr. no. 7: 411-411 '66.

Forms of nickel migration in natural waters. B. H. Gelfand, L. S. Stetslavskaya Kora vyvetr. no. 7: 415 '66.

Influence of forests on weathering and soil formation. O. P. Dobudnev, Vest. Mosk. univ. Ser. fiz. i mat. 21 no. 2:86-91 Mr-Apr '66.

pH as an indicator of the nature of atmospheric and soil elements in the weathering process. A. B. Vasylyuk, M. A. Shushulina, Kora vyvetr. no. 7: 417 '66.

Study of the solubility of metapelite and chert in hole shale in natural organic acids in connection with study of conditions governing the formation of fossils. E. P. Levandovskiy, Kora vyvetr. no. 7: 418 '66.

Weatherproofness of the new paint materials. V. B. Novik, G. M. M. Igina. Trudy VSNII MI, no. 4: 1 '66.

WEATHERING—BIBLIOGRAPHY see Bibliography, Weathering

WEAVING

Breakage of looms of warp knitted with acrylonitrile polyacrylonitrile. F. M. Rozanov, M. I. P. Tokat, prom. 26 no. 1:10-13 Ap '66.

WEBER, WILHELM EDUARD, 1804-1891

Scientists and engineers. Shkola i poiz. 36 no. 1: 66 My '66.

WEED CONTROL

(see also subdivision under Krasnoyarsk Territory)

Use of herbicides in cornfields K. I. Pak, Vest. Krasnoyarsk. 9 no 3 18-53 Mr '66.

Weed control in the drive for large crops. D. I. P. Zov, A. I. Molotenko, Zemledelie 28 no. 11: 61-61 '64.

WEEVILS see subdivision under White Russia

WEIGHING MACHINES

Automatic thermogravimetric recording device. P. Remlov, A. V. Vasiliev, D. V. Marjail, Kora vyvetr. no. 7: 895-894 '65.

WEIGHT LIFTING

Electromechanical method of research in weight lifting and wrestling. A. P. Bykov, Teor. i prakt. fiz. 29 no. 4: 11-15 Ap '66.

Evaluation of the technical training of weight lifters the two hands team and jerk lifting. A. V. Bykov, Teor. i prakt. fiz. 29 no. 4: 38-41 Ap '66.

Interrelation between the volume and technical loads and the functional state of weight lifters. A. N. Vasiliev, L. A. Shlyk, Teor. i prakt. fiz. 29 no. 1: 26-29 Ap '66.

Methods of determining the achievement of the lifters of weight lifters and weight lifters. A. I. Koshchikov, Roman. Teor. i prakt. fiz. 29 no. 1: 11-15 Ap '66.

New method of control in the training of weight lifters and wrestlers. T. A. Klimov, Teor. i prakt. fiz. 29 no. 1: 50-51 Ap '66.

Rest intervals between approaches in weight lifting training. V. A. Andrianov, Teor. i prakt. fiz. 29 no. 4: 36-37 Ap '66.

WEIGHTS AND MEASURES

Vynnyk, V. O. [Names of units of measurement and weight in Ukrainian] Nazvy odynitsy vyimira i vady ukrains'kii movi. Kyiv, Naukova dumka, 1966. 24 p.

WEIGHTS AND MEASURES—STANDARDS

Lisakov, A. A. [International Unit System] Mezhnatsionnaya sistema edinits SI. Moskva, Nedra, 1966. 67 p. (Nauchno-populjarnaya selia)

WEIRS

Use of a broad-crested weir as a measure of discharge. N. N. Fedorov, Trudy Gidromekhan. 1966.

WELDED ALUMINUM STRUCTURES

Argon-arc welding of the aluminum elements of a hanger roof. A. V. Semenov, Svar. proizv. 1966. 31-36 F '66.

Study of welded overlapping joints of elements of thermally hardened aluminum alloys of the system Al-Mg-Si. A. G. Zumerman, D. A. Pavlov, Met. konstr. no. 10: 101-110 '65.

WELDED STEEL STRUCTURES

Classification of welded structures in the machine tool industry. M. I. Pustynnik, A. S. Bolusov, Svar. proizv. no. 2: 40-42 F '66.

WELDED STEEL STRUCTURES (Continued)

Sakharovskii, M. M. [Engineering qualities of welded structural steel elements] Tekhnologichesk' stroitel'nykh svarnykh stal'nykh konstruktsei. Kiev, Budel'nyk, 1960, 185 p.

Thermal method for eliminating the deformation of welded steel sheet structures. N. I. Puchkov. Vich zap. Nedr. gos. un. no. 15:51-59 '61.

WELDED STEEL STRUCTURES—TESTING

Detecting tightness defects in closed metal structures. B. M. Shlapachnikov, V. F. Sokolov. Defektoskopii. 2 no. 1:82-72 '60.

WELDING

(see also subdivision under Vitolsk)

Experimental study of the static strength of elements of thick welded containers under conditions of conversion to a brittle state. N. P. Melnikov, A. S. Dovzhenko, I. U. Romling. Mat. po mek. konstr. no. 2:117-156 '65.

Work of the welding section of the "Izdatkhemnash" Trust. V. V. Vedenov, V. P. Komarov. Mont. i spets. rab. v stro. 28 no. 4:12-14 Ap '60.

Work practices of welding sections of the "Metallpromshennost'" Trust. V. P. Romnykh. Mont. i spets. rab. v stro. 28 no. 1:11-12 Ap '60.

WELDING—BIBLIOGRAPHY

List of documents on welding, of the International Institute of Welding received by the National Committee of the U. S. S. R. in 1964. G. A. Musanova. Svar. proizv. no. 5:43-11 My '66.

WELDING—CONGRESSES

All-Union conference on new welding techniques and the quality improvement of welding operations in machine manufacturing. V. V. Stepanov, R. V. Ballabina. Avtom. svark. 19 no. 3:18-79 Mi '66.

All-Union Conference on Welding in the city of Sverdlovsk. V. V. Stepanov, N. A. Karlov. Svar. proizv. no. 2:44-45 F '60.

At the 19th Congress of the International Institute of Welding. N. V. Kilmachenko. Defektoskopii. 1 no. 3:84-86 '65.

Conference of welders at Perm. F. V. Lazarev. Svar. proizv. no. 5:11-12 My '66.

The 19th Congress of the International Institute of Welding. Held for 1966. A. I. Kravtsov. Svar. proizv. no. 5:11-13 My '66.

Schedule of conference and meetings on welding techniques in the U. S. S. R. in 1966. E. O. Patona. Avtom. svark. 19 no. 1:52 Mi '66.

WELDING—EQUIPMENT AND SUPPLIES

Portable mechanized instrument for preparing edges for welding. G. A. Sotnikov. Mont. i spets. rab. v stro. 28 no. 1:23-24 Ap '60.

WELDING—PERIODICALS

Conference of the readers of "Svarochimicheskoe proizvodstvo." N. A. Klykov. Svar. proizv. no. 5:19 My '66.

WELDING—STUDY AND TEACHING

Learn welding. G. Frankovskii. Shkola i proizv. 10 no. 4:86-91 Ap '60.

WELDING—TESTING

Effect of stress concentration on the fatigue strength of mechanically inhomogeneous welds. P. I. Kuchavskov. Zav. lab. 32 no. 4:463-466 '68.

WELDING METALLURGY

Effect of welding heat on the mechanical properties of the ATSM alloy. Z. A. I. Usufova, A. P. Aslakhova. Svar. proizv. no. 2:12-15 F '60.

Heat cycle and the quality of a welded joint in built welding of gray cast iron. V. M. Shukhatov. Svar. proizv. no. 2:16-12 F '60.

WELLS

Distribution of pressure over the bottom and outfall wall of an apion well. I. E. Lipai. Dop. AN URSSR no. 3:328-332 '60.

WEST GERMANY see Germany, West

WEST SIBERIAN ECONOMIC REGION—TECHNICIANS IN INDUSTRY

The engineer's personal creative plan is one of the conditions of technological progress. V. V. Mamilov. Izv. SO AN SSSR no. 1 Ser. obshchestv. nauk no. 1:72-75 '60.

WEST SIBERIAN PLAIN—EARTH—SURFACE

Crustal structure in the center and southeast of the West Siberian Plain based on data of point seismic soundings. S. V. Krylov and others. Geol. i geofiz. no. 1:10-21 '66.

WEST SIBERIAN PLAIN—GEOLOGY, STRUCTURAL

New data on disjunctive dislocations in the platform mantle of the West Siberian Plain according to materials on the reflection method (for the Ob'-Irtysh Interflow). N. V. Uspenskiy and others. Geol. i geofiz. no. 1:70-81 '66.

Recent tectonics and relief of the southeastern part of the West Siberian Plain. V. V. Feniksova. Izv. vys. ucheb. zav.; geol. i razv. 9 no. 4:19-28 Ap '60.

Some problems of the tectonics of the West Siberian Plain. N. N. Rostovtsev. Geol. i geofiz. no. 1:3-9 '66.

WEST SIBERIAN PLAIN—ILMENITE

Magnetite placers in the West Siberian Plain and their prospects. I. I. Lydkimov. Geol. i geofiz. no. 1:131-137 '61.

WEST SIBERIAN PLAIN—OIL SANDS

Conditions governing the formation of oil and gas reservoirs in the Jurassic and Neocomian of the West Siberian Plain. T. I. Churva and others. Lit. i pol. ishop. no. 2:71-86 Mr.-Ap '66.

WEST SIBERIAN PLAIN—SEISMIC PROSPECTING

Accuracy of the results of seismic soundings using reflected waves. S. V. Krylov. Geol. i geofiz. no. 4:120-130 '61.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WETTING

Method of determining the wettability of carbon black by polar and apolar liquids. N. N. Lezhnev, B. I. A. Tsimpol'skiy, I. S. Gromova. Kaur. i razv. 25 no. 4:18-19 '66.

Wetting high-melting metals with a silver-copper alloy. Z. A. Kazakevich, T. A. Zhemchuzhina. Sbor. Inst. staif. i spiv. no. 41:316-321 '66.

WHALES

Rare case of polyembryony in Balaenoptera borealis. V. A. Plotkin. Zool. zhur. 15 no. 2:311-312 '68.

WHARVES—DESIGN AND CONSTRUCTION

Planning of ports and wharves. I. Kotik, I. Uratskii. Rech. transp. 25 no. 3:38-39 '60.

WHEAT

(see also subdivision under Azerbaijan, Kazakhstan, Sverdlovsk Province)

Effect of preparations used against the shield bug Eurygaster integriceps on the quality of the grain of wheat. S. A. Tarakovsky, P. F. Mende, G. V. Smirnova. Khim. v sel'khoz. no. 4:33-34 Ap '60.

Effect of temperature during the grain formation period on the productivity of summer wheat. Z. F. Llapshina. Fiziol. rast. 13 no. 2:327-331 Mr.-Ap '66.

Effect of temperature on the killing of winter crops by accumulated water. N. I. Antipov. Fiziol. rast. 13 no. 2:312-316 Mr.-Ap '66.

Effect of the irradiation of seed by radioactive cobalt on the growth, development, and yield of wheat and barley. I. A. Ivanov, B. N. Kulikov. Izv. Khim. no. 5:43-48 '60.

Intravarietal variability of soft wheat according to the content and quality of gluten. O. I. Malstrenko and others. Vost. sel'khoz. nauki 10 no. 3:118-123 Mr '65.

Protection of wheat against radiation by means of thionin. B. O. I. evenko, U. K. hot. zhur. 23 no. 2:78-80 '60.

Some data on the effect of gibberellin on the development of winter grain. A. K. Fedorov, V. G. Shinkareva. Fiziol. rast. 13 no. 2:260-273 Mr.-Ap '66.

Wide-row planting on green fallow. M. I. Tsvetkov, P. M. Ivanova. Zemledolie 26 no. 11:57-61 N '64.

WHEAT—ANALYSIS

Baking properties of strong wheat blended with weak varieties. P. G. Demidov, N. V. Tsyren'. Izv. vys. ucheb. zav.; pishch. i tekhn. no. 2:12-17 '60.

WHEAT—FERTILIZERS AND MANURES

(see also subdivision under Central Chernozem region; Krasnodar Territory; Odesa Province)

Change in the content of phosphorus in winter wheat and rye plants from the effect of fertilizers. L. N. Karsheva. Khim. v sel'khoz. no. 4:12-10 Ap '60.

WHEAT—FROST RESISTANCE

Winter hardness of winter durum wheat as related to the accumulation of sugar during fall. V. A. Pukhal'skii, A. A. Ukolov. Vost. sel'khoz. nauki 10 no. 3:113-117 Mr '65.

WHEAT—GENETIC RESEARCH

Mutagenic effect of various ethylenimine concentrations on winter wheat. N. S. Elgas. Genetika no. 3:131-141 '66.

WHEAT—IRRIGATION

Development of the irrigation of wheat in steppe areas. V. S. Dmitriyev. Gidrol. mel. 18 no. 4:7-20 Ap '60.

Saturation irrigation of wheat. E. G. Petrov. Vost. sel'khoz. nauki 10 no. 3:31-34 Mr '65.

WHEAT—VARIETIES

(see also subdivision under Azerbaijan)
Biological heterogeneity of the grain in the ear of Erythronium 841 spring wheat. E. T. Zagorodnaya. Biol. Khim. no. 5:47-50 '60.

WHEAT BREEDING see subdivision under Transcaucasia

WHITE RUSSIA—AGRICULTURAL POLICY

Some results and the most important problems of the development of agriculture in White Russia. Vest. AN BSSR, Ser. sel'khoz. nav. no. 1:5-9 '66.

WHITE RUSSIA—AGRICULTURE—ECONOMIC ASPECTS

Chepko, V. V. [Agriculture of White Russia in the first half of the 19th century] Sel'skoe khoz. i stroitel'stvo Belorusii v pervoi polovine XIX veka. Minsk, Nauka i tekhnika, 1960, 218 p.

WHITE RUSSIA—BEEF CATTLE—FEEDING AND FEEDS

Meat yield from young beef cattle in White Russia. O. Simonenko. Mias. ind. i SSR 37 no. 2:53-55 '66.

WHITE RUSSIA—CATTLE BREEDING

Line breeding of black and white cattle in White Russia. A. D. Viliyevskii. Vest. AN BSSR, Ser. sel'khoz. nav. no. 4:103-109 '65.

WHITE RUSSIA—COLLECTIVE FARMS—MANAGEMENT

Form of the organization of labor on collective farms in White Russia. L. D. Zolouski and others. Vest. AN BSSR, Ser. sel'khoz. nav. no. 1:10-18 '66.

Problems of the combination of branches and the structure of production on collective dairy-beef-sugar beet farms in White Russia. B. M. Rozenblum, M. D. Hardon, A. F. Iukhnava. Vest. AN BSSR, Ser. sel'khoz. nav. no. 4:18-25 '65.

WHITE RUSSIA—CURRANTS—DISEASES AND PESTS

Biology of the currant clearwing moth Synanthedon tipuliformis. V. V. Man'ko. Vest. AN BSSR, Ser. sel'khoz. nav. no. 1:70-76 '65.

WHITE RUSSIA—DAIRY CATTLE

Size and quantity of milk globules in cattle breeds of importance in the agricultural planning of White Russia. Z. P. Rykshina, E. M. Kalchanskaia. Vest. AN BSSR, Ser. sel'khoz. nav. no. 1:107-110 '66.

WHITE RUSSIA—DIVING, SUBMARINE

Greater depths for aquanauts. S. A. Slezov. Voen. znan. 42 no. 4:42 Ap '66.

WHITE RUSSIA—DRAINAGE

Principles and methods of land improvement by drainage. A. I. Ivinskii. Vest. AN BSSR, Ser. sel'khoz. nav. no. 1:72-80 '65.

Sluicing drainage systems in areas located outside floodlands in the White Russian Polesie (based on data of the study at the Kosovo Swamp Experiment Station). A. I. Mikhail'sovich. Vest. AN BSSR, Ser. sel'khoz. nav. no. 1:80-85 '65.

WHITE RUSSIA—EARTH—SURFACE

Allyal structure of the earth's crust in the White Russian S.S.R. based on geophysical data. Zh. P. Khot'ko. Dop. AN BSSR 10 no. 3:191-195 Mr '66.

WHITE RUSSIA—ECONOMIC CONDITIONS

Akademicheskii BSSR, Minsk, Institut ekonomiki. [Socialist reorganizations in the economy of White Russia in 1917-1921] Sotsialisticheskie preobrazovaniia v ekonomike Belorusii v 1917-1920 gg. Minsk, Nauka i tekhnika, 1960, 220 p.

WHITE RUSSIA—FEEDS

It is necessary to take into consideration the special features of the republic. G. Ostapenko. Zakup. sel'khoz. prod. no. 2:38-39 F '60.

Practices in the mechanization of the unloading of mixed feeds at grain receiving enterprises of White Russia. G. Kozorog. Muk. -elev. prom. 32 no. 3:12-13 Mr '60.

WHITE RUSSIA—FEEDS—TRANSPORTATION

Centralized delivery of mixed feeds to consumers in White Russia. G. Kozorog. Muk. -elev. prom. 32 no. 4:12 Ap '60.

WHITE RUSSIA—FERTILIZERS AND MANURES—HANDLING

Problems of mechanizing the preparation and placement of fertilizers. I. S. Lupinovich, S. I. Nazarov, I. V. Filipenko. Vest. AN BSSR, Ser. sel'khoz. nav. no. 4:15-17 '65.

WHITE RUSSIA—FIELD CROPS—DISEASE AND PEST RESISTANCE

Detachments working on a business accounting basis in White Russia. N. Chuk. Inform. biul. VDNKH no. 3:23-25 Mh '66.

WHITE RUSSIA—FIR

Species of Douglas fir in the forest plantations of White Russia. N.V. Shukuro. *Rast.* 1962 no. 1:115-121 '66

WHITE RUSSIA—FIRE INVESTIGATION

Investigation conducted by Inspector Bondarovich, N.S. *Nauch. poshch. delo* no. 3-9-11 '66

WHITE RUSSIA—FLAX

Effect of agrochemical properties of loamy, turf-Podzolic soils on the yield of fiber flax. L.P. Dziatkouskaia. *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 4:33-37 '65.

WHITE RUSSIA—HISTORY

The uprising of 1810-1831 in White Russia. I.I. Vorontsov. *Vest. Mosk. un.* Ser. 9-1st 21 no. 2:44-56 Mar-Apr '66

WHITE RUSSIA—INDUSTRIAL MANAGEMENT

Combine one-man management with the participation of the collective in production management. V.M. Chubovich. *Vest. svyazi* 26 no. 1:14-15 Jan '66

WHITE RUSSIA—INFORMATION SERVICES

Work practices of enterprises and organizations in the White Russian S.S.R. I. Praktika i metodika nauchno-tekhnicheskoi informatsii, iz opyta raboty predpriiati i organizatsii Belorusskoi SSR. Minsk, 1965. 45 p.

WHITE RUSSIA—LEAF ROLLERS

Materials on the fauna and ecology of leaf rollers (Tortricidae) of White Russia. A.M. Litvinova. *Vest. AN BSSR, Ser. biol. nav.* no. 1:120-129 '65

WHITE RUSSIA—LUMBERING—MACHINERY

Gitskevich, E.G., E.I. Martynovskii, and M.D. Shraer. [Mechanization of the lower landings of logging roads, from the work practices of advanced logging camps in White Russia.] *Mekhanizatsia nizhnikh skladov lesovoznakh dorog, iz opyta raboty peredovykh lespromkhozov Belorussii.* Minsk, Belarus', 1964. 43 p.

WHITE RUSSIA—MACHINERY INDUSTRY—LABOR PRODUCTIVITY

Kasperovich, E.K. [Ways to increase labor productivity in the machinery industry; from the work practices of enterprises in the White Russian S.S.R.] *Puti povysheniia proizvoditel'nosti truda v mashinostroeni, iz opyta raboty predpriiati Belorusskoi SSR.* Minsk, Nauka i tekhnika, 1955. 213 p.

WHITE RUSSIA—MILK—COSTS

Use of the correlation method in the analysis of the cost of milk on collective farms. V. Artemov, I. Terlizhenko. no. 4:62-69 '66.

WHITE RUSSIA—PARASITES—SWINE

Treatment of swine with intestinal parasites. B.A. Maierov. *Veterinaria* 42 no. 3:68-67 Mar '66.

WHITE RUSSIA—PEAT SOILS

Some problems of the effective use of improved peat-bog soils. S.G. Skoropanova, M.M. Shabunina, L.T. Kakhnovskaya. *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 1:61-68 '66.

WHITE RUSSIA—PHYTOPHTHORA

Contribution of scientists. N. Dorozhkin, Z. Remnaya. *Zashch. rast.* 11 no. 2:3-5 '66.

WHITE RUSSIA—PLANTS, PROTECTION OF

Contribution of scientists. N. Dorozhkin, Z. Remnaya. *Zashch. rast.* 11 no. 2:3-5 '66.

WHITE RUSSIA—POTATOES—VARIETIES

Sugars and phosphorus content in potato varieties of the White Russian S.S.R. A.S. Vecher, M.M. Maenya. *Vest. AN BSSR, Ser. biol. nav.* no. 1:62-68 '66.

WHITE RUSSIA—PRECAST CONCRETE—COSTS

Introduce standard accounting more widely. V. Ermolin. *Bukh. uch. no.* 4:18-21 Apr '66.

WHITE RUSSIA—PROSPECTING—GEOPHYSICAL METHODS

Some results of field geophysical investigations carried out in White Russia. A. Sh. Finkbuldin. *Neftegaz. geol. i geofiz.* no. 3:29-33 '66

WHITE RUSSIA—SHEEP BREEDING

Effectiveness of sheep crossing for market production. A.D. Pyshenkin, K.I. Labada. *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 4:110-116 '65.

WHITE RUSSIA—SOCIALISM—PERIODICALS

Fedorova, T.N. [Sociopolitical thought in White Russia and the "Minskii listok," 1886-1902.] *Obshchestvenno-politicheskaia mysl' v Belorussii i "Minskii listok" (1886-1902 gg.)* Minsk, Nauka i tekhnika, 1966. 130 p.

WHITE RUSSIA—SOILS—COMPOSITION

Chemical and mineralogical composition of turf-Podzolic soils in White Russia developed on various parent rocks. S.A. Tsikhannu. *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 1:28-35 '66.

WHITE RUSSIA—SOVIETS

Verification of the execution of assignments in the work of local soviets. A. Holovko. *Rad. pravo* 29 no. 4:22-26 Apr '66

WHITE RUSSIA—TELEGRAPH

Development of telegraph exchanges in White Russia. L.A. Patichev. *Vest. svyazi* 26 no. 2:23 F '66.

WHITE RUSSIA—UNIVERSITIES AND COLLEGES—ACCOUNTING

Machine accounting in educational institutions. A. Ryzhkov. *Bukh. uch. no.* 3:33-34 Mar '66.

WHITE RUSSIA—WAGES—CONSTRUCTION WORKERS

Effective wages in housing construction. L. Pashonk. *Zh. stroy. no.* 1:22-23 '65

WHITE RUSSIA—WATER—POLLUTION

Rivers are in danger, pollution of the waters of White Russia. V.S. Vishniakova. *Priroda* 55 no. 4:93-97 '66.

WHITE RUSSIA—WEEVILS

New for White Russia and rare for the Soviet Union species of weevils (Coleoptera, Curculionidae). T.R. Ioannidani. *Vest. AN BSSR, Ser. biol. nav.* no. 1:112-119 '65

WHITE RUSSIA—WOOD—DECAYING FUNGI

Some data on house fungi in White Russia. A.T. Halanko. *Vest. AN BSSR, Ser. biol. nav.* no. 1:101-105 '66

WHITE RUSSIA—WOOD—USING INDUSTRIES—BY-PRODUCTS

Production of carbonic acid in the Khorst Hydrolysis Plant. F.A. Vyganenko. *Gidroliz i lesokhimi. prom.* 18 no. 3:23-24 '66.

WHITE RUSSIA—WOOD—USING INDUSTRIES—EQUIPMENT AND SUPPLIES

Automation of the control of hydrolysis processes. V.S. Kochetov. *Gidroliz i lesokhimi. prom.* 18 no. 3:21 '66

WHITE RUSSIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

The moment of a heroic deed. Alla Chebolaru. *Mol. komm.* no. 2:2-13 '65.
True to fact. V. Shilevskov. *Sov. voen.* 47 no. 16:21 Aug '65

WHITE RUSSIA—WORMS, INTESTINAL AND PARASITIC

Treatment of swine with intestinal parasites. B.A. Maierov. *Veterinaria* 42 no. 3:68-67 Mar '66.

WHITE RUSSIAN COMPOSERS see Composers, White Russian

WHITE RUSSIAN POTTERY see Pottery, White Russian

—CERATOPOGONIDAE

Is of biting midges (Diptera, Heleidae) in White Sea. N.V. Bortogolebakina. no. 3:450-461 '68.

WHITE SEA REGION—ORBITIDAE

Orbitid mites from the vicinity of the White Sea Biological Station of the Moscow University. D.A. Krivoklitski. *Vest. Mosk. un. Ser. 6: Biol., pochy.* 21 no. 1:42-45 Jan-F '68.

WHOLESALE TRADE

Wholesale trade and production plans. S. Kelomatskaia. *Sov. torg.* 39 no. 2:11-15 F '68.

WIDE-SCREEN PROCESSES (MOVIION-PICTURE PHOTOGRAPHY)

Some problems of the development of wide-screen motion pictures in the U.S.S.R. E.M. Goldovskii. *Tekhn. kin. i foto.* no. 1:37-38 Apr '66

Use of the squeezing process during printing in the manufacture of wide-screen negative and documentary films. B.V. Timofeev, G.G. Shevinkov. *Tekhn. kin. i foto.* no. 1:55-56 Apr '66

WILLOWS

Chemical and physiological properties of natural habitat of the willow *Salix rubra*. K.S. Bokanov, V.I. Kabanov, L.M. Kapchushnikova. *Piziol. rast.* 13 no. 2:11-11 Mar-Apr '66

WILNO see Vilnius

WIND EROSION

Recent aeolian processes in the upper Ob Valley. N.I. Makkaveev, I.I. Sukharova, R.S. Chelov. *Vest. Mosk. un. Ser. 5: Geog.* 21 no. 2:49-55 Mar-Apr '66.

WIND POWER see subdivision under Alaska' Department

WINDBREAKS, SHELTERBELTS, ETC.

(see also subdivision under Astrakhan Province; Bashkiria; Chumen; Georgia, Kalmyk A.S.S.R., Kazakhstan, Kalmuk Steppe; Lagansk Province; Orel Province; Samarkand Province; Virgin Territory; Volgograd Province)

Aforestation as a means of controlling drought, dry winds, and dust storms. P.D. NIKHIN. *[Sborn. rab.] VNIILMI* no. 13:26-35 '63

Some results of the work of foresters and the U.S.S.R. V.A. Nenakhov, N.T. Mikheyev. *[Sborn. rab.] VNIILMI* no. 5:39-41 '66.

Tree shelterbelts in large groups widely spread. S.I. Adilov. *[Sborn. rab.] VNIILMI* no. 43:70-71 '63

Windbreaks for residential areas. Z.F. Shumakov. N.S. Anishchenko, V.Kh. Zaitseva. *Stroy. i arkh. no.* 28 no. 1:17-18 Apr '66

WINDBREAKS, SHELTERBELTS, ETC.—RESEARCH

Results of work and the tasks of the All-Union Scientific Research Institute of Land Improvement (Onych. Attestation. A.V. Alibekov. *[Sborn. rab.] VNIILMI* no. 43:6-10 '63.

WINDPIPE see Trachea

WINDS

Calculation of wind influence in determining surface velocities of water current with floods about along flows. I.G. Shumkov. *Trudy GGI* no. 1:151-159 '64

Characteristics of winds in the windward layer over the south of the U.S.S.R. during the KTY-KTC period. R. Bihakov. *Mosk. inzh. inzh. Trud. no.* 250 1 Apr. no. 1:23:61-67 '64

Method of vertical wind profiles as a means of analyzing jet streams. M.V. Burkov, V.A. Dolozhko. *[Sborn. rab.] Trudy TrudGU* no. 259 Fiz. nauk no. 23:20-21 '64.
Motion of cold air masses in valleys. V.A. Khabibov. *[Sborn. rab.] Trudy TrudGU* no. 259. *[Sborn. rab.] VNIILMI* no. 43:29-30 Apr '66.

Some statistical characteristics of the structure of vertical gustiness components at a height of 70 m. Chou Ming-ya (Chou Min-yu). *[Sborn. rab.] Trudy TrudGU* no. 259. *[Sborn. rab.] VNIILMI* no. 43:29-30 Apr '66.

Vertical wind phenomena in the extremely strong jet stream over the south of the U.S.S.R. P.Z. Levina. *[Sborn. rab.] Trudy TrudGU* no. 259. *[Sborn. rab.] VNIILMI* no. 23:68-75 '64.

WINE AND WINE MAKING see subdivision under Armenia

WINGS

Circulation of a harmonically oscillating wing with minor elongation. Z.N. Shesternina. *Trudy LITTEBP* no. 16 224-228 '66.

WINTER SPORTS

Hockey on the snow Spitzkaktada. Z.I. Irsov. *Sov. voln.* 48 no. 9:44-45 May '66.

WIRE—WELDING

Built welding of wire with a cross section of 0.2-0.3 mm. In the metal-weaving industry. I.P. Zaminina, S.M. Karpov. *Svar. proizv.* no. 2:24-26 F '66.

WIRE BROADCASTING

Radiation of multiplexed wire broadcasting networks. I.A. Shamshin. *Vest. svyazi* 26 no. 1:26-28 Jan '66.
Reliability of the TU-5-4 apparatus. G.A. Mislavskii. *Vest. svyazi* 26 no. 2:22 F '66.

WIRE INDUSTRY see subdivision under Donets Economic region

WIREDRAWING

On the mechanism of the production of cores for connection cables. A. R. Denisenko, Mekh. i avtom. prom. 20 no. 4:7-8 Ap '66.

Calculations of producing spring wire in stainless steel. N. V. Sokolov and others. Stal' 26 no. 4:379-383 Ap '66.

Wire patenting in a fluidized bed. V. I. Zubov and others. Izv. AN SSSR, Met. no. 2:76-84 M-Ap '66.

WIREDRAWING MACHINES

Heating of elongated objects in roller type electrical contact units. V. P. Kozhakov, N. I. Tait, Izv. -Iz. zhurn. 10 no. 2:182-187 P '66.

WIREWORMS--EXTIRMINATION

Results of work with wireworms. B. Delnovol'ski, Zashch. rast. 11 no. 2:26-28 '66.

WOLFRAMITE--ANALYSIS

Determination of the composition of wolframite according to its hardness. I. F. Syritso, N. A. Ivanova. Vest. LGU 19 no. 2:136-139 '63.

WOLVES--FOOD see subdivision under Aral-Paygambet Preserve

WOMEN

(see also subdivision under Cambodia)

Sveleva, E. V. [Only about women; traces topics] Tolk'o o zhenshchinakh, nevydumaynye rasskazy. Moskva, Sovetskaya Rossiya, 1966, 123 p.

WOMEN--DISEASES

Possible characteristics of hypoglycemia in women. E. G. Vainsberg. Probl. endok. i gorm. 12 no. 2:26-29 Mr-Ap '66.

WOMEN--EMPLOYMENT

(see also subdivision under Estonia)

Women in automotive transportation enterprises. Avi. transport 14 no. 4:5-6 M '66.

WOMEN--RIGHTS OF WOMEN see subdivision under Chechen-Ingush A. S. S. R.

WOMEN AS JUDGES see subdivision under Tatar A. S. S. R.

WOMEN AS PETROLEUM WORKERS

(see also subdivision under Krasnodar Territory, Luga region, Leningrad Province; Nogay Steppe, Ufa region)

Happy holiday, good women! V. Smirenko, Neftianik 55 no. 5:6 M '66.

Lady prospector. M. Gaffarov. Neftianik 11 no. 3:12 M '66.

Overcoming the difficulties. I. Vinokurov. Neftianik 11 no. 3:10-11 M '66.

Valia Lianina, operator's aide. B. Surovov. Neftianik 16 no. 10:24 O '66.

WOMEN AS VETERINARIANS

At the sections of a collective farm. G. Romanenko, E. Goloborod'ko. Veterinarika 42 no. 3:23-24 Mr '66.

Creative search. A. V. Pozdnikov. Veterinarika 42 no. 3:15-17 Mr '66.

Happy person. S. Gromov. Veterinarika 42 no. 3:10-21 Mr '66.

In praise of women veterinary specialists. Veterinarika 42 no. 3:14-19 Mr '66.

Kind assistant of livestock farmers. M. A. Eyslund. Veterinarika 42 no. 3:17-18 Mr '66.

Like dedicated to science. A. Kruglak. Veterinarika 42 no. 3:13-14 Mr '66.

Realization of a dream. N. M. Shtrinov. Veterinarika 42 no. 3:14-15 Mr '66.

Vocation. V. Chudakov, I. Rudometkin. Veterinarika 42 no. 3:21-23 Mr '66.

WOMEN IN AGRICULTURE

Let us salute our dear women with the holiday of spring. Zemledelie 26 no. 3:2 M '66.

Women as honored agronomists. Zemledelie 26 no. 3:3E-39 Mr '66.

WOMEN IN POLITICS see subdivision under Leningrad

WOMEN IN PUBLIC LIFE

(see also subdivision under Daryal A. S. S. R.)

Alenka's holiday. I. I. Dmitriev. Mol. korm. no. 3:2-7 Mr '66.

WOOD

Akademii nauk SSSR, Sibirskoe otdelenie. Institut lesa i dreviny. [Properties of wood, its preservation, and the new wood materials] Svoistva dreviny, ee zashchita i novye drevnyye materialy Moskva, Nauka, 1966 126 p.

WOOD--CHEMISTRY

Changes in the carbohydrate composition of the cell wall of pine wood fibers occurring during sulfite pulping. I. E. Akim, I. S. Geles. Trudy LTITSBP no. 18:26-36 '65.

Improving the organization of work in the wood chemicals industry. G. V. Iubova. Gidroliz i lesokhim. prom. 10 no. 3:27-28 '66.

Yeast growing on neutralizates with a high concentration of sugar. Z. P. Shishkova, and others. Gidroliz i lesokhim. prom. 10 no. 3:8-9 '66.

WOOD--DEFECTS

Main wood pests in buildings and furniture. I. Zubov. Zashch. rast. 11 no. 2:11-13 '66.

WOOD, COMPRESSED

Compressed wood particles are a cheap raw material for polymers. A. I. Vigelovich. Mashinostroitel' no. 5:46-48 My '66.

WOOD ALCOHOL see Methanol

WOOD-DECAYING FUNGI

(see also subdivision under White Russia)

Golovko, A. I. [House fungi as destroyers of wood and measures for their control] Domovyye griby - razrushiteli dreviny i moy bar'by 6 izm. [Minsk] Nauka i tekhnika [1966] 38 p. (DNAL)

WOOD PRODUCTS

Effect of free oxygen on the yield of liquid products in wood pyrolysis. T. D. Levin, N. A. Chuprava, G. A. Malkov. Gidroliz i lesokhim. prom. 10 no. 3:15-16 '66.

WOOD-USING INDUSTRIES

Characteristics of cyclone units in pneumatic conveying in shops manufacturing wood-particle boards and possibilities of improving their performance. T. P. Apalt. Der. prom. 15 no. 4:26-27 Ap '66.

Let's put into practice the resolutions of the 23d Congress of the Party. Gidroliz i lesokhim. prom. 10 no. 3:1-2 '66.

WOOD-USING INDUSTRIES--BY-PRODUCTS

(see also subdivision under White Russia)

Experience in the operation of a spray dryer for yeast. S. A. Merzlikin, V. A. Rodin. Gidroliz i lesokhim. prom. 10 no. 3:19-20 '66.

Extraction of acetic acid from the waste waters of butyl acetate production. R. I. Tikhomirov. Gidroliz i lesokhim. prom. 10 no. 3:21 '66.

Use of glass pipes in wood chemicals manufacture. M. K. Popandopulo. Gidroliz i lesokhim. prom. 10 no. 3:25 '66.

Utilization of bark waste shavings for the production of feed yeast. A. G. Savinykh and others. Gidroliz i lesokhim. prom. 10 no. 3:17-18 '66.

WOOD-USING INDUSTRIES--COSTS

Pay more attention to the economics of production of wood particle boards. I. A. Khaskin. Der. prom. 15 no. 4:3-5 Ap '66.

WOOD-USING INDUSTRIES--EQUIPMENT AND SUPPLIES see subdivision under White Russia

WOOD-USING INDUSTRIES--FIRES AND FIRE PREVENTION

Safety measures in the production of colophony. G. Vasilov. Pozh. delo no. 11:30-31 N '66.

WOOD-USING INDUSTRIES--MANAGEMENT

Improving the organization of work in the wood chemicals industry. G. V. Iubkova. Gidroliz i lesokhim. prom. 10 no. 3:27-28 '66.

On the eve of the introduction of new work methods. K. P. Mikhuev. Gidroliz i lesokhim. prom. 10 no. 3:26-27 '66.

Structure of lumbering industry complexes. V. Giotov, N. Medvedev. Plan. khoz. 43 no. 5:35-41 My '66.

WOOD WASTE

Conference concerning the dry-forming method for the manufacture of wood fiberboard. S. M. Khasanov, O. A. Bochkarev. Der. prom. 15 no. 4:31-32 Ap '66.

WOODEN BUILDING see Building, Wooden

WOODPULP

Changes in the carbohydrate composition of the cell wall of pine wood fibers occurring during sulfite pulping. I. E. Akim, I. S. Geles. Trudy LTITSBP no. 18:26-36 '65.

Degradation of molecules and the formation of a molecular composition of cellulose at the end of sulfate digestion. I. U. V. Steskin, G. A. Petrovaylo, skil, M. M. Chochleva. Zhur. prikl. khim. 39 no. 1:157-164 Ja '66.

Effect of the heat treatment of woodpulp on its physico-chemical properties. V. P. Alkin and others. Trudy LTITSBP no. 18:7-11 '65.

Some problems of the kinetics of sulfate pulping. I. I. Malakhova, A. I. Frank, A. A. Sakhmova. Bum. prom. no. 4:3-5 Ap '66.

Thermochemistry of persulfate solutions. Report No. 2 Thermodynamic characteristics of the reaction of sodium sulfate with sodium hypochlorite and sulfite ion formation in an aqueous solution at various temperatures. T. V. Pomin, N. P. Dymarchuk, K. P. Mishchenko. Trudy LTITSBP no. 18:103-107 '65.

WOODPULP--STANDARDS

Viscose cellulose with small content of copper and manganese impurities. I. A. Nagrodskii and others. Bum. prom. no. 4:6-7 Ap '66.

WOODPULP--TESTING

Dewatering of various fibrous materials in two-roller presses. F. M. Busygin, N. E. Novikov. Trudy LTITSBP no. 18:51-55 '65.

WOODPULP INDUSTRY

Bleaching of market woodpulp. I. A. Lebedeva. Bum. prom. no. 4:18-21 Ap '66.

Characteristics of the working units of jet apparatus. A. I. Torf, V. F. Maksimov. Trudy LTITSBP no. 18:92-98 '65.

Chemisorption of hydrogen sulfide and sulfur dioxide by weak white liquor in a turbulent apparatus. V. F. Maksimov, V. A. Bushmelev, N. M. Isaeva. Trudy LTITSBP no. 18:80-85 '65.

Complex purification and recovery of gas exhausts and of malodorous waste water from sulfate pulp production. V. F. Maksimov, A. I. Torf. Trudy LTITSBP no. 18:88-91 '65.

Piping for the conveying of woodpulp and paper stock. V. E. Amelin, G. B. Galeev. Trudy LTITSBP no. 18:56-58 '65.

WOODPULP INDUSTRY--BY-PRODUCTS

Organization of the predrying and burning of sulfate liquor in power soda-ash recovery units. P. A. Zhuchkov. Trudy LTITSBP no. 18:70-74 '65.

WOODPULP INDUSTRY--EQUIPMENT AND SUPPLIES

(see also subdivision under Astrakhan)

[Technology and equipment of the woodpulp, paper, and printing industry] Ref. zhurn. Tekh. i obrab. sel. bum. i poligr. prom. nos. 3-4 M-Ap '66.

Theory and practice of cellulose fiber fractionation; thorough screening of fine fractions of cellulose fibers. V. V. Barsov. Trudy LTITSBP no. 18:37-44 '65.

WOODPULP INDUSTRY--MANAGEMENT see subdivision under Kalmugrad

WOODPULP INDUSTRY--RESEARCH

Great creative program. Bum. prom. no. 4:1-2 Ap '66.

WOODWORKERS--DISEASES AND HYGIENE see subdivision under Volgograd

WOODWORKING INDUSTRIES

New five-year program of the Soviet industry. Der. prom. 15 no. 1:1-2 Ap '66.

WOODWORKING INDUSTRIES--EQUIPMENT AND SUPPLIES

Experience in the modernization and readjustment of the DPSh-1 transfer unit. V. F. Vinogradskii. Der. prom. 15 no. 4:11-13 Ap '66.

WOODWORKING INDUSTRIES--FINANCE

Some problems of the economic efficiency of automation in wood processing. N. V. Makovskii. Der. prom. 15 no. 4:6-9 Ap '66.

WOODWORKING INDUSTRIES--HYGIENIC ASPECTS see subdivision under Archangel; Bukovina

WOODWORKING MACHINERY

Electromechanical press for the manufacture of panel doors. V. A. Zagludobekhi, P. V. Grigor'ev. Der. prom. 15 no. 4:30 Ap '66.

Machine for the manufacture of spacers for frame saws. V. I. Kotelnikov. Der. prom. 15 no. 4:21-26 Ap '66.

Six-applique machine for simultaneous groove cutting. N. Z. Lapatin. Blul. tekhn. - ekon. inform. Gos. nauch. - issled. nauch. i tekhn. inform. 19 no. 2:4-5 P '66.

Static dimensional tuning and technical adjustment of woodworking machinery. I. I. Sheinov, V. G. Danilov. Der. prom. 15 no. 4:15 Ap '66.

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X-RAY DIFFRACTION EXAMINATION (Continued)

Studying the contrast sensitivity of X-ray electron diffraction images. R. A. Kavallavskas, I. V. Syrolevich. *Doklady Akad. Nauk SSSR* 2 no. 1:39-42 '66.

Thermogravimetric and X-ray diffraction examination of gadolinium pyrophosphates. I. V. Tumanov, V. G. Kurnel'son, S. M. Petushkova. *Zhur. neorg. khim.* 11 no. 2:288-293 F '66.

X-ray diffraction analysis of microinclusions in glasses. V. A. Milakov, V. P. Staliva. *Zav. lab.* 31 no. 7:89-90 '65.

X-ray diffraction examination of substituted ferrocenes. Z. I. Kaluzhskiy, R. L. Avotian, I. U. Struchkov. *Zhur. strukt. khim.* 7 no. 1:131-133 La-F '66.

X-ray diffraction examination of the crystal lattice defects of electrolytic copper deposits. I. U. M. Polukarov, I. U. D. Gomburg. *Dokl. Akad. Nauk SSSR* 187:191 Ap '66.

X-ray diffraction study of crystallized glasses in the system $\text{CaO} - \text{MgO} - \text{SiO}_2$ with additions of Na_2O , Al_2O_3 , Fe_2O_3 . L. R. Dashchynskiy and others. *Vestnik AN BSSR. Ser. khim. nav.* no. 4:54-71 '65.

X-ray structural investigation of neodymium nitrotriacetate trihydrate. K. F. Beliaev and others. *Zhur. strukt. khim.* 7 no. 1:130-131 Ja-F '66.

X-RAY SPECTROSCOPY

Determination of zinc, copper, and lead in powder samples by the nonscattering X-ray spectral method. L. A. Ab and others. *Vop. rad. geofiz.* no. 6:144-146 '65.

Excitation of X-ray fluorescence in the long-wave region. N. F. Losev, V. P. Afontin, A. G. Revenko. *Zav. lab.* 32 no. 4:18-422 '66.

High-power fluorescent X-ray tube for studying emission bands. M. I. Kozlovskiy, I. A. L. Genkin, M. M. Ommov. *Zav. lab.* 32 no. 3:381 '66.

Intensity of the secondary spectrum lines as dependent on tube voltage. A. V. Plyvotav. *Zav. lab.* 31 no. 5:566-567 '65.

Method of graphic detection of hypochlorite standards in X-ray spectral fluorescent analysis. V. P. Bykov, I. V. Sorokin. *Zav. lab.* 32 no. 4:222-423 '66.

Selecting the width of a receiving slit in X-ray spectral analysis with ionization recording. I. U. G. Lazarenko, L. E. Valudskiy. *Zav. lab.* 31 no. 6:688-690 '65.

Standard-free method of the quantitative X-ray spectral microanalysis of binary systems. T. A. Kuplanova. *Zav. lab.* 31 no. 6:685-687 '65.

X RAYS—DIFFRACTION

Determining the location of the maximum $K\alpha_1$ component of a doublet from the profile of the broadened X-ray diffraction line of the doublet. V. V. Kukol'. *Zav. lab.* 31 no. 6:706-708 '65.

Nature of the blurring of diffraction shadows and the fine crystal structure of α - and α_1 -phases. I. I. Lysak, I. A. Novik. *Fiz. met. metalloved.* 21 no. 1:430-135 Mr '66.

X RAYS—INDUSTRIAL APPLICATIONS

Dependence of a distinctive threshold on the dimensions of the image element on an X-ray picture. M. I. A. Balazovskiy. *Dokl. Akad. Nauk SSSR* 2 no. 1:86-88 '66.

High Conference on the use of X-rays in material testing. I. U. S. Terminov. *Zav. lab.* 31 no. 5:615-617 '65.

Equipment to determine the time dependent character of the modulated emission of X rays. A. A. Gol'drin, A. V. Dolyberdin. *Dokl. Akad. Nauk SSSR* 2 no. 1:84-85 '66.

Ordinary photometer for X-ray images. A. A. Gol'drin. *Dokl. Akad. Nauk SSSR* 1 no. 6:70-70 '65.

Separate determination of heavy elements in boreholes on the basis of the characteristic X-ray radiation. V. A. Meier, V. S. Nakhbayev. *Vop. rad. geofiz.* no. 6:34-43 '65.

X RAYS—PHYSIOLOGICAL EFFECT

Changes in the oxidation processes in tissues of irradiated animals subjected to monochromatic. I. A. Babina. *Dokl. AN Arm. SSR* 12 no. 1:31-35 '66.

Comparative physiological study of the functional state of the centers of sympathetic innervation of the heart subjected to ionizing radiation. N. I. Malozov. *Radobiologiya* 6 no. 2:241-245 '66.

Comparative study of radiosensitivity in different *Drosophila* lines. M. M. Tikhonova. *Genetika* 3 no. 3:97-97 '66.

Comparative study of the antimicrobial activity of penicillin and streptomycin in macrophage cultures subjected to X-ray irradiation and in intact cultures. O. V. Chakhava. *Antibiotiki* 11 no. 2:167-169 F '66.

Dynamics of the distribution of free amino acids in the wall of the gastrointestinal tract subjected to protonic radiation. A. S. Volynskiy, R. Kh. Khadzhiev, S. I. Klotsev. *Radobiologiya* 6 no. 2:170-173 '66.

Effect of cystamine and S, β -aminoethyl isothiourea on the deoxythymine II activity in radiocursive organs of rats irradiated with 320 and 100 r. N. I. Izbukova. *Radobiologiya* 6 no. 2:166-169 '66.

Effect of fractional irradiation on changes in cholesterol content in the blood serum of guinea pigs and dogs. V. P. Korotkov. *Radobiologiya* 6 no. 2:191-201 '66.

Effect of whole-body X-ray irradiation on soluble proteins of the skeletal muscles. A. M. Makhlina. *Radobiologiya* 6 no. 2:174-178 '66.

Effect of X-ray irradiation on the development of orchitis in rabbits and the quality of antigen used in the immobilization reaction for *Typonema pallidum*. L. D. Butovetskii. *Zhur. mikrobiol. i epid. i immun.* 43 no. 3:131-133 Mr '66.

Frequency of X-ray induced chromosome breaks in various stages of spermatogenesis in *Drosophila melanogaster*. K. V. Vail. *Genetika* 3 no. 3:98-105 '66.

Function of the thyroid gland of rats subjected to repeated irradiations and mescaline. P. I. Lomonosov, P. S. Pivovarov. *Radobiologiya* 6 no. 2:246-249 '66.

Origin of small mutations of relative vitality and the selection of genes-modifiers as a result of X-ray irradiation of *Drosophila*. Study Inst. biol. UFAN SSSR no. 14:67-78 '65.

Pathological anatomy of experimental radiation leukemia in mice. M. V. Svatukhin, I. U. D. Sorokina, M. B. Turgakov. *Arkh. pat.* 28 no. 2:13-18 '66.

Physic changes in the morphology in rabbits subjected to whole-body X-ray irradiation, a therapeutic observation. B. I. Kadykov, S. I. Lintinskii, V. I. Balashin. *Radobiologiya* 6 no. 2:315-318 '66.

Study of local and distant effects of radiation on the proliferative activity of the urothelial cells. M. I. Amshchikov, N. I. Balashina. *Radobiologiya* 6 no. 2:237-240 '66.

Unconditioned reflexes from the parietal and visceral pleura to the cardiovascular system in normal and irradiated animals. T. I. Bachina. *Radobiologiya* 6 no. 2:232-236 '66.

X RAYS—SCATTERING

Correlation between intergranular and intergranular double X-ray reflections in polycrystalline metals. V. I. Nefedkin, A. I. Slutsker. *Fiz. met. metalloved.* 21 no. 3:350-361 Mr '66.

Experimental determination of the film factor of scattered radiation. M. I. Balazovskiy. *Dokl. Akad. Nauk SSSR* 2 no. 1:86-88 '66.

X RAYS—THERAPEUTIC USE

DNA metabolism in the tissues of rats, carriers of tumors, following combined treatment with X rays and ribonuclease. S. E. Mamonov, E. I. Orlov, Uzb. biol. zhur. 10 no. 1:3-6 '66.

Intensification of antineoplastic effect of X rays with the help of weak direct electric current. S. B. Batmukhanov, N. A. Arzhgal'tov. *Radobiologiya* 6 no. 2:312-315 '66.

XANTHOMONAS—CULTURES AND CULTURE MEDIA

Effect of irradiation on biological properties of the causative agent of bacterial leaf plant cancer. G. A. TSilovani. *Radobiologiya* 6 no. 2:323-325 '66.

XENON ISOTOPES

Migration of radiogenic xenon-120 in meteorites. S. B. Brandt. *Geokhimiya* 1 no. 1:25-29 Ja '66.

XENON OXIDES

Formation of XeO_3 in β -decay of iodine-131 in the composition of alkali metal iodates. I. S. Katin, I. U. K. Gusev. *Dokl. AN SSSR* 167 no. 5:1090-1093 Ap '66.

XYLENE

Importance of the initial stage in the catalyzed oxidation of p-xylene. K. A. Chepurakki, A. M. Ivanov. *Zhur. fiz. khim.* 40 no. 2:477-480 F '66.

Oxidation of ethyl-m-xylene. V. A. Zasova and others. *Zhur. prikl. khim.* 39 no. 1:191-200 Ja '66.

Preparation of p-xylyl chloride and p-xylylene dichloride by the chlorination of p-xylene. N. K. Moschinskaya, V. S. Kravtsov, A. M. Karateev. *Zhur. prikl. khim.* 39 no. 2:437-439 F '65.

XYLENOL

Recovery of xylene fractions and their use in the production of trioxymethylene. G. D. Kharlamovych, T. P. Aksunova. *Koks i khim.* no. 4:34-37 '66.

XYLENOL ORANGE

Determination of rare earths by means of xylene orange. A. A. Tikhonova, N. I. Timofeeva. *Zhur. anal. khim.* 21 no. 9:286-291 '66.

Reaction of tetravalent plutonium with xylene orange. M. S. Mikhukova, A. A. Namoduk. *Zhur. anal. khim.* 21 no. 3:296-301 '66.

XYLYLENE

Thermal degradation of poly-p-xylylene. A. T. Kafashnik and others. *Vysokom. soed.* 8 no. 3:526-531 Mr '66.

YAKIROMA VALLEY—ROOT CROPS—FERTILIZERS AND MANURES

Forage root crops in peat soils. E. D. Alekseev. *Zemledelie* 28 no. 3:30-31 Mr '66.

YAKIROMA VALLEY—SUGAR BEETS—FERTILIZERS AND MANURES

Forage root crops in peat soils. E. D. Alekseev. *Zemledelie* 28 no. 3:30-31 Mr '66.

YAKOVLEVO REGION (UKRAINE)—LIMESTONE

Results of the study of the porosity of limestones in the Yakovlevo deposit of the Kursk Magnetic Anomaly using the method of resistance. I. P. Tverdokhlebov, V. S. Dubrov. *Vop. osush. mest. pol. iskop.* no. 3:90-103 '61.

Studying the solution process of coal limestones of the Yakovlevo deposit in acid compositions. V. V. Sidorov. *Vop. osush. mest. pol. iskop.* no. 3:123-135 '61.

YAKOVLEVO REGION (UKRAINE)—MINE DRAINAGE

Laboratory studies of the effect of vacuuming drainage installations on the drainage of Kellway sands and the ore formation of the Yakovlevo iron ore deposit. G. A. Rodionov. *Vop. osush. mest. pol. iskop.* no. 3:32-37 '61.

Nature of interaction of underground and surface waters in the Yakovlevo deposit of the Kursk Magnetic Anomaly. I. P. Tverdokhlebov. *Vop. osush. mest. pol. iskop.* no. 3:64-64 '61.

Results of experimental subsurface water lowering in the Yakovlevo deposit of the Kursk Magnetic Anomaly and their evaluation. A. I. Gurkin. *Vop. osush. mest. pol. iskop.* no. 3:65-82 '61.

Some problems of the chemical treatment of water-lowering wells in the Yakovlevo mine and their possible solution. V. V. Sidorov. *Vop. osush. mest. pol. iskop.* no. 3:112-112 '61.

YAKUTIA—DIAMONDS

Diamonds in the kimberlites of the Olenek and Alakit-Daldyn regions of Yakutia. O. P. Korzhin. *Trudy MINKHGP* no. 61:83-86 '65.

YAKUTIA—FROGS

Biology of Rana chensinensis David in Yakutia. V. G. Krivosheev. *Zoot. zhur.* 45 no. 2:308-310 '66.

YAKUTIA—KIMBERLITE

Diamonds in the kimberlites of the Olenek and Alakit-Daldyn regions of Yakutia. O. P. Korzhin. *Trudy MINKHGP* no. 61:83-86 '65.

YAKUTIA—RIVERS—REGULATION

Formation of perennially frozen locks in shallow river arms. I. U. Bogdanets. *Rech. transp.* 24 no. 9:52 '65.

YAKUTIA—ROCKS, SEDIMENTARY

Unusual shape of elastic grains in Jurassic sediments of the Ambar basin and Ambar Bay. R. S. Rodin. *Lit. i pol. iskop.* no. 2:138-141 Mr-Ap '66.

YAKUTS—RELIGION AND MYTHOLOGY

Materials on religious beliefs of the Yakuts as a historical and ethnographic source. N. A. Alekseev. *Sov. etn.* no. 2:22-33 Mr-Ap '66.

YALTA—HEALTH RESORTS, WATERING PLACES, ETC.

"Donbass" in Yalta. G. Shakhov. *Okhr. iruda i soiz. strakh.* 9 no. 4:22-23 Ap '66.

YALTA CONFERENCE, 1945

Decision of the Yalta Conference concerning the lot of the Ukrainian S. S. R. and the White Russian S. S. R. in the United Nations. M. M. Blousov. *Ukr. ist. zhur.* 9 no. 2:117-119 F '65.

YANGIYUL (UZBEKISTAN)—SHOE INDUSTRY

Supply children with good quality shoes. *Ekon. i zhizn'* 8 no. 3:49 Mr '66.

YARN—TESTING

Yaks, E. E. [Measurement of yarn tension] *Izmerenie natiashenia nitel.* Moskva, Legkaya Industriya, 1956, 230 p.

YAROSLAVL—LIBRARIES AND READERS

Our readers' advice to the writers who live in our city. S. Smirnova. *Bibliotekar'* 43 no. 4:40-41 Ap '66.

YAROSLAVL—ROWING

"Golden" oars of the Yaroslavl team. V. Molozov. *Voen. znaniya* 42 no. 4:41 Ap '66.

YAROSLAVL—THEATER

Development is necessary. A. Chizotova. *Tentr* 27 no. 3:44-48 Mr '66.

YASNOVKA (DONETSK PROVINCE)—COKE INDUSTRY

Yasnovka Coke and Coal Chemicals Plant. L. L. Papushin. *Koks i khim.* no. 3:60 '66.

YAVLENKA (KALGA DISTRICT, CHITA PROVINCE)—LEAD POISONING

Eastern Transbaikalia biogeochemical province enriched with lead. P. A. Zolotov, V. G. Parkhomenko. *Nek. vop. khim. i kraev. pat.* no. 4:71-74 '65.

ZEOLITES (Continued)

Adsorption of hydrogen sulfide on zeolites. S. A. Levina, N. F. Ermolenko, N. I. Pishchikovskii. Vestsi AN BSSR Ser. khim. nav. no. 1:66-88 '65.

Adsorption of impurities from liquid hydrocarbons by synthetic zeolites. V. S. Vinogradova, L. S. Kofman. Vestsi AN BSSR, Ser. khim. nav. no. 1:94-101 '66.

Adsorption of lower olefins from a flow of inert gas in a bed of synthetic zeolites. N. V. Keltsev, N. S. Torochesnikov, I. U. Shumilskii. Khim. prom. 42 no. 4 272-277 Ap '66.

Adsorption of rare gases and an accompanying mixture of other gases on synthetic zeolites. A. F. Novinskii, V. G. Pavlovskii, Z. N. Kosova. Zhur. prikl. khim. 38 no. 2 328-335 F '65.

Benzene alkylation on synthetic zeolites under atmospheric pressure. Kh. M. Minachev and others, Neftekhimika 8 no. 1 47-52 Ja-F '66.

Characteristics of water behavior during its adsorption from diluted solutions by synthetic zeolites. H. S. Kamenikova, N. S. Tachchesnikov, V. L. Takhadze. Vestsi AN BSSR, Ser. khim. nav. no. 1:70-72 '66.

Conditions of preparation and properties of synthetic ionite and some other high-silica zeolites. S. P. Zhdanov, B. G. Novikov. Vestsi AN BSSR, Ser. khim. nav. no. 1:41-58 '66.

Desorption kinetics of water vapors from granulated zeolites of the types A and X. D. P. Timofeev, O. N. Kabanova. Izv. AN SSSR Ser. khim. no. 1:612-618 '66.

Effect of the nature of the cation on the catalytic activity of zeolite Y in the alkylation of benzene with propylene. Kh. M. Minachev, I. A. I. Isakov, V. I. Gaiannin, Neftekhimika 8 no. 1:53-57 Ja-F '66.

Gas chromatography on the outer surface of porous zeolite crystals. A. V. Kleuev, I. A. Mashin. Zhur. fiz. khim. 40 no. 4:914-945 Ap '66.

Nuclear magnetic resonance of protons of ammonia adsorbed on various cation-exchange forms of the type-A zeolite. A. M. Eremenko and others. Zhur. strukt. khim. 7 no. 1:106-107 Ja-F '65.

Preparation and properties of zeolites synthesized from natural minerals. I. A. V. Mikhalski. Vestsi AN BSSR, Ser. khim. nav. no. 1:111-118 '66.

Properties of metal-substituted zeolites. M. A. Plonkovskaya and others. Vestsi AN BSSR, Ser. khim. nav. no. 1:73-80 '66.

Sorption of organic acids by synthetic zeolites of A and X types and ionite. N. F. Ermolenko, L. P. Shchigoleva, T. G. Ulasik. Vestsi AN BSSR, Ser. khim. nav. no. 1:88-95 '66.

Use of molecular sieves for the purification of the circulating hydrogen in catalytic reforming. M. B. Volin, I. B. Gaidukov, L. G. Prokopchuk. Khim. i tekhn. topl. i masel. 10 no. 4:13-20 Ap '65.

Use of synthetic zeolites for sulfide removal from natural gas. E. N. Kharkovskaya, I. A. D. Zel'vinskii, R. N. Pronina. Khim. prom. 42 no. 4:268-272 Ap '66.

ZERNOGRAD—AGRICULTURAL WORKERS—EDUCATION AND TRAINING

Study and propaganda. V. Zaidner. Pari. zhizn' no. 5 51-52 My '66.

ZHDANOV—COKE INDUSTRY

Zhdanov Coke and Coal Chemicals Plant. I. P. Bondarenko. Koks i khim. no. 3:18-50 '66.

ZHDANOV—GRAIN ELEVATORS—EMPLOYEES

Leaders of the Zhdanov elevator. K. Vinnik. Zakup. sel'khoz. prod. no. 2:59-60 F '66.

ZHDANOV—IRON AND STEEL PLANTS—MANAGEMENT

Organizing the work of standardization services at the Il'ich Plant. D. F. Konkov. Metallurg. 11 no. 4:35-30 Ap '66.

ZHEBOKRYTS'KYI, VIKTOR ANDRIIOVYCH, 1906.—BIBLIOGRAPHY see Bibliography—Zhebokryts'kyi, Viktor Andriiovych, 1906-

ZHILINSKII, DMITRII DMITRIEVICH

Victorial world of D. Zhilinskii's canvases. Platon Pavlov. Iskusstvo 20 no. 3:46-51 '66.

ZHITOMIR PROVINCE—FIRE EXTINCTION—SOCIETIES, ETC.

Young firemen of Dzheryzhinsk. G. Pol'dman. Pozh. delo no. 1:115 N '65.

ZIEGER'S SALT

Polymerization of ethylene on the catalyst system $TiCl_4 \rightarrow Al(iso-C_4H_9)_3$ in the presence of silane hydrides. G. V. Sorokin, N. S. Nemetkin, V. N. Perchenko. Vysokom. soed. 8 no. 3 476-480 Mr '66.

ZINC

Experiments in the electrodialysis of mine waters and the diffusion of zinc through a semipermeable membrane. I. U. Bugel'skii. Kora vyvotr. no. 7:142-147 '66.

ZINC—ANALYSIS

Analysis of manganese-zinc ferrites using extraction. I. A. Shevelukh, N. N. Nikol'skaya, T. N. Simonova. Zav. lab. 11 no. 5 545-547 '65.

ZINC—EFFECT ON PLANTS see Plants, Effect of zinc on

ZINC-ALUMINUM-MAGNESIUM ALLOYS see Aluminum-zinc-magnesium alloys

ZINC CHLORIDE

Zinc chloride activation of raw coal from lignin. I. P. Kutanov, B. G. Udarov. Vestsi AN BSSR, Ser. khim. nav. no. 1:112-114 '65.

ZINC ELECTRODES see Electrodes, Zinc

ZINC INDUSTRY—HYGIENIC ASPECTS see subdivision under Ust'-Kamenogorsk

ZINC ORES see subdivision under Balkal Lake region

ZINC OXIDE

Investigation in the system $ZnO - MoO_3$. A. N. Zobnina, I. P. Kisilnikov. Izv. AN SSSR Neorg. mat. 2 no. 3:511-513 Mr '66.

ZINC OXIDE—ELECTRIC PROPERTIES

Conductance of zinc oxide as affected by the adsorption of free methylene radicals. I. A. Masyankov. Dokl. AN SSSR 107 no. 5:1094-1097 Ap '66.

ZINC OXIDE CRYSTALS

Electron paramagnetic resonance of Mn²⁺ ions in polycrystalline zinc oxide. N. I. Kuntsevich, A. L. Pozniak, V. V. Svydau. Vestsi AN BSSR, Ser. khim. nav. no. 4 41-45 '65.

ZINC PLATING

Automatic line for zinc plating of small parts in drums. Sh. I. Muro, V. Z. Polishchuk. Vest. mashinost. 46 no. 4:29-38 Ap '66.

Determination of sodium acetate in an ammonium electrolyte for zinc plating. I. I. Kotik, A. A. Lupanova. Zav. lab. 31 no. 6 675 '65.

Effect of nickel impurity on the electrodeposition of zinc from acid sulfate solutions. G. N. Znamenskii, B. N. Ber'lyazkov. Zhur. prikl. khim. 38 no. 2 361-365 F '65.

Increasing the quality and saving materials in hot zinc plating of water and gas pipes. I. A. Kh. Naryluk and others. Biol. tekhn. i ekon. inform. Gos. nauch.-issl. inst. nauch. tekhn. inform. 10 no. 2:42-44 I '66.

ZINC SULFATE

Solubility in the system $ZnSO_4 - K_2SO_4 - H_2O$ at 35° C. V. G. Shevelukh, V. N. Piliptchenko. Zhur. neorg. khim. 11 no. 2:432-433 F '66.

ZINC SULFIDE CRYSTALS—SPECTRA

Electroluminescence of large ZnS crystals. I. U. V. Bochkov and others. Izv. AN SSSR, Ser. fiz. 30 no. 4:628-632 Ap '66.

ZINC SULFIDE CRYSTALS, EFFECT OF RADIATION ON

Redistribution of electrons along trapping levels in excited ZnS single crystals due to infrared irradiation. V. A. Gorkunov, V. L. Levshin. Zhur. prikl. spekt. 4 no. 3:256-260 Mi '66.

ZIRCON

Methodology for studying zircon in metamorphic and igneous rocks. I. K. Shuleshko. Lit. i pol. lekop. no. 2:146-148 Mi-Ap '66.

ZIRCONIUM—ANALYSIS

Organic reagents in the analytical chemistry of zirconium and hafnium. Report No. 1. Aliberson as a reagent for zirconium. I. S. Mustafin, V. S. Shchukina. Zhur. anal. khim. 21 no. 3 309-313 '66.

ZIRCONIUM—METALLURGY

Mechanism of zircon decomposition during its sintering with products of the reduction of sodium sulfate by carbon. V. K. Tolpygo, A. I. Lainer. Sbor. nauch. stat. i splav. no. 4:334-342 '66.

ZIRCONIUM ALLOYS—CORROSION

Effect of heat treatment on the corrosion resistance of zirconium alloys. I. S. Lupakov, B. G. Parfenov, A. I. Gromova. Atom. energ. 20 no. 4:330-333 Ap '66.

ZIRCONIUM COMPOUNDS

Self-diffusion of zirconium complexes. L. N. Pankratova, A. V. Lapitskii. Vest. Mosk. un. Ser. 2 Khim. 21 no. 1 31-35 Ja-F '66.

Synthesis and some properties of zirconium and hafnium oxyformate. L. N. Komissarova and others. Zhur. neorg. khim. 11 no. 2:266-271 F '66.

ZIRCONIUM-NIOBIUM ALLOYS—METALLOGRAPHY

Connection between the parameters of superconductivity of a zirconium-4% niobium alloy and its structure. S. V. Sudarova and others. Fiz. met. i metalloved. 21 no. 3 399-395 Mr '66.

ZIRCONIUM-NIOBIUM-TANTALUM ALLOYS see Niobium-zirconium-tantalum alloys

ZIRCONIUM NITRIDES

Thermionic and adsorptive properties of zirconium nitride in cesium vapors. O. H. Fedorov, P. M. Marchuk. Ukr. fiz. zhur. 11 no. 1 41-45 Ap '65.

ZIRCONIUM OXIDES

Study of ZrO_2 polymorphism and the formation of some rare-earth zirconates by the complex thermal analysis method. A. K. Kuznetsov, I. K. Keler. Fan' Fu-kan [Fan Fu-K'ang] Zhur. prikl. khim. 38 no. 2 233-241 F '65.

ZIRCONIUM OXIDES—THERMODYNAMICS

Possibility of using stabilized zirconium dioxide as an electrolyte in studying thermodynamic equilibria by the electromotive force method. I. U. D. Trifilov. Izv. AN SSSR, Neorg. mat. 2 no. 3:501-506 Mr '66.

ZIRCONIUM PHOSPHATES

Catalytic properties of metal-zirconium phosphate catalysts. N. E. Malenberga, A. I. Kukina, T. N. Fadeeva. Vest. Mosk. un. Ser. 2 Khim. 21 no. 1 107-113 Ja-F '66.

ZIRCONIUM SALTS

Spectrophotometric study of zirconium and hafnium sulfuric acid solutions. G. A. Iagodin, A. M. Chekmarev, L. M. Vladimirova. Zhur. neorg. khim. 11 no. 2:305-311 F '66.

ZLATOUST (CHELYABINSK PROVINCE)—STEEL, STRUCTURAL—TECHNOLOGICAL INNOVATIONS

Work of the Ural Fabricated Steel Plant Trust. A. I. Andreev. Mont. i spets. rab. v strol. 25 no. 12:24-25 D '63.

ZOLA, EMILE, 1840-1902

Emel' Zolov, S. P. ["Les Rougon-Macquart" by E. Zola] "Rugon-Makkaray" E. Zola. Moskva, Khudozhestvennaia literatura, 1965. 134 p. (Massovaya istoriko-literaturnaya biblioteka)

ZOLLINGER-ELLISON SYNDROME

Structure of tumors in Zollinger-Ellison syndrome. S. A. Kalashnikov. Vop. onk. 12 no. 4 10-14 '66.

ZONE MELTING

Dissolution rate of zone-purification aluminum as dependent on residual electric resistance. M. N. Rozov, M. A. Andreeva. Zhur. prikl. khim. 39 no. 1 218-220 Ja '66.

Effect of local activation in the zone melting of multicomponent organic hydrocarbons. A. A. Beilin and others. Izv. AN SSSR Ser. khim. no. 4:746-747 '66.

Experience in smelting ball-bearing steel with the new technological smelting method. G. N. Ols and others. Stal' 26 no. 4:327-328 Ap '66.

Mechanical properties and structure of zone-refined aluminum. S. E. Marasov, E. I. Mudiava, M. I. Filina. TSvet. met. 30 no. 3 77-79 Mr '66.

ZOOBENTHOS

Akademiia nauk URSS, Kiev. [Benthos distribution and bottom fauna biology in southern seas] Raspreделение bentosa i biologiya donnykh zhivotnykh v luzhnykh moriakh. Kiev, Naukova dumka, 1966. 130 p. (Respublikanskii mozhvedomatvennyi sbornik. Seriya: "Biologiya moria")

ZOOGEOGRAPHY

Akademiia nauk SSSR. Institut geografii. [Zonal characteristics of terrestrial animal populations] Zonal'nye osobennosti naselenia nazemnykh zhivotnykh. [Moskva] Nauka, 1966. 126 p.

ZOOLOGY see subdivision under Carpathian Mountains

ZOOPLANKTON see subdivision under Caspian Sea

ZORKHIN, NIKOLAI MIKHAILOVICH

We were flying in the same sky. T. Chernova. Grazhd. av. 23 no. 5:10-11 My '66.

ZORIN, LEONID GENRIKHOVICH, 1924-

Documentary feature. I. Solov'eva, V. Shitova. Teatr. no. 3:61-63 Mr '66.

ZUBOV, PAVEL IGNAT'EVICH, 1906-

On the 60th birthday of Professor Pavel Ignat'evich Zubov, Doctor of Chemical Sciences, and the 35th anniversary of his scientific activity. Koll. zhur. 1 no. 2:161-163 Mr-Ap '66.

ZVIEDRIS, ALEKSANDRS, 1905-

Zviedris, Aleksandra. Aleksandra Zviedris. Riga, Liesma, 1965. 59 p. illus. [In 5 languages]